

REQUEST FOR PROPOSAL

- 1.0 NOTICE TO PROPOSERS**
- 2.0 INSTRUCTIONS TO PROPOSERS**
- 3.0 PROPOSAL**
- 4.0 BID BOND**
- 5.0 GENERAL CONDITIONS OF THE AGREEMENT**
- 6.0 PROJECT SCOPE**

**PROJECT: Kern Community College District
Bakersfield College**

- **[SMSR 2022-23 Concrete
Replacement Campuswide
Phase II- Multiple Locations](#)**

**1801 Panorama Dr.
Bakersfield, CA 93305**

**Kern Community College District
Bakersfield College**

1.0 NOTICE TO PROPOSERS

Request for Proposal

DATE: **October 15, 2025**

TO: Qualified Proposers

FROM: Chris Soriano
Kern Community College District
2100 Chester Ave.
Bakersfield, CA 93301

PROJECT: Bakersfield College SMSR 2022-23 Concrete Replacement Campuswide
Phase II- Multiple Locations
Kern Community College District

PROJECT DESCRIPTION: This project includes removing and the replacement of uneven or deteriorated sidewalks

LICENSE REQUIRED: A, B or C8

PROPOSAL DATE/TIME: November 6, 2025, at 2:00 pm

PROPOSAL LOCATION: Kern Community College District
2100 Chester Ave. Facilities Department 2nd Floor
Bakersfield, CA 93301
Attn: Chris Soriano

BID SECURITY BOND: Required 10% Bid Bond if proposal is \$45,000 or over.

PERFORMANCE AND PAYMENT BOND: Required if proposal is \$25,000 or over.

PREVAILING WAGE PROJECT: Yes

**CONTRACT DOCUMENTS AND SPECIFICATIONS
MAY BE OBTAINED AT ADDRESS BELOW:**

See contact person

CONTACT PERSON:

Chris Soriano
(661) 336-5173

E-mail: chris.soriano@kccd.edu

Marcos Rodriguez
(661) 720-6021

E-mail: marcos.rodriquez@bakersfieldcollege.edu

MANDATORY SITE VISIT: October 27, 2025 at 10:30 am. Bakersfield College M & O (entry) 1801 Panorama Drive, Bakersfield CA

2.0 INSTRUCTIONS TO PROPOSER

PART 1 - GENERAL

A. SECURING DOCUMENTS:

1. Contractors obtaining these plans and project manual for the purpose of submitting proposals for this work shall notify the District of their intentions, together with mailing address and telephone number, so they may be fully advised of any addenda to the construction documents being figured, or of any corrections, additions or omissions. Failure to so notify the District will make the contractor liable for the inclusion of all information according to the addenda in this contract, whether received or not.
2. Construction documents will not be issued to contractors who are not licensed to do business in the State of California, and the District will not consider or accept any proposal or proposals from such contractors.
3. Proposers shall have a generally recognized record for satisfactory execution of contracts of a similar size and character.

B. EXAMINATION OF PROPOSAL DOCUMENTS:

1. Each proposer shall examine the proposal documents carefully prior to date for receipt for proposals, shall make written request for interpretation and/or correction of any ambiguity, inconsistency or error therein which he may discover.
Any interpretation and/or correction will be issued as an Addendum. Only a written interpretation and/or correction by Addenda shall be binding. No proposer shall rely upon any interpretation and/or correction given by any other method.
2. By submitting a proposal, the proposer implies that he has thoroughly investigated and is satisfied as to the character quality and quantities of work to be performed and materials to be furnished, and as to all the stipulations and requirements of the Contract and construction documents.
3. The Proposer shall diligently investigate existing conditions to ascertain work required and include all necessary cutting and patching and refinishing in his proposal. He shall provide for and exercise every precaution to protect the existing facilities against dust, dirt, water, trash, interruption of personnel activities, etc., due to operations under this Contract.
4. The District will not be responsible for any omissions, errors, etc., which may result from the Contractor's procurement of incomplete documents. It shall be the Contractor's responsibility to review and ascertain all of the required work, materials, etc., to be provided by him in performing all work as required and/or called for by the Contract Documents.

C. INTERPRETATION OF DOCUMENTS:

Should a proposer find discrepancies in, and/or omissions from the drawings and specifications, and/or should he be in doubt as to their meaning, he shall at once notify the District and should it be found necessary, a written addendum or clarification will be sent to all Proposers. The District will not be responsible for oral instructions.

1. Questions during proposals shall be submitted in writing to District's designated office. Fax copies will be accepted.
2. No questions will be answered two (2) working days prior to proposal opening.
3. E-mail questions will be accepted.

D. PROPOSALS:

Proposals to receive consideration shall be made in accordance with the following instructions:

1. Proposals shall be made upon the proposal forms, properly executed and with all items filled out; numbers shall be stated both in writing and in figures. The complete proposal form shall be without alterations to content, form, and scope project; and the signatures of all persons signing shall be in longhand and original wet signatures.
 2. Alternate proposals will not be considered unless called for. No oral, telegraphic or telephonic proposals or modifications will be considered.
 3. Before submitting proposals for this work, including RFP's, each proposer will be held to have examined the project premises and satisfied himself as to the existing conditions under which he will be obliged to operate, and that no changes will be made subsequently in this connection or in behalf of the Contractor for any error or negligence on his part, and he shall include in the proposal a sum to cover the cost of all items included in the contract and/or subsequent RFP's. No additional cost will be considered for price increases of any materials, labors, methods and/or procedures. The Contractor shall make allowances for any and all price changes occurring during this project from proposal through final completion and project acceptance by District.
 4. Proposals will be delivered to the District at locations and time noted on "Bid Proposal" on or before the day and hour set for the opening of proposals. Proposal forms shall be enclosed in an envelope, and bear the title of work and the name of the proposer. It is the sole responsibility of the proposer to see that his proposal is received in proper time and location. Any proposal received after the schedule closing time for receipt of proposals will be returned to the proposer unopened.
 5. Each proposer shall include with Proposal a Non-Collusion Affidavit, Prevailing Wage Compliance Certificate, required bond documents, and Certification of Workmen's Compensation to be executed by proposer and submitted with proposal. Form is included in "Bid Proposal" section. Form shall be fully executed and included with Proposal.
 6. General Information:
 - a. The District reserves the right to reject any or all proposals and/or waive any irregularities or informalities in any proposals and/or in the proposals process.
 - b. The District has determined the general prevailing rate of per diem wages in the locality in which this work is to be performed for each craft or type of worker needed to execute this Contract. These rates are available on the Internet at the following address: www.dir.ca.gov/DLSR/statistics_research.html. Copies may be downloaded by the Contractor.
 - c. The schedule of per diem wages is based upon a working day of eight hours. The rate for holiday and overtime work shall be at least time and one half.
 - d. It shall be mandatory upon the Contractor to whom the Contract is awarded (Contractor), and upon any subcontractor under him, to pay not less than the specified rates to all workers employed by them in the execution of the Contract. It is Contractor's responsibility to determine any rate change which may have or will occur during the intervening period between each issuance of written rates by the Director of Industrial Relations.
 - e. If awarded, proposal will be awarded to the lowest qualified proposal.
- E. **WITHDRAWAL OF PROPOSAL:**
Proposals may be withdrawn by the Proposer prior to, but not later than, the time fixed for opening of proposals.
- F. **CORPORATION AS PROPOSER:**
In case a proposal is submitted by a corporation, it shall be signed in the name of such corporation by a duly authorized officer or agent thereof.
- G. **SALES TAXES:**
Sales taxes and any or all taxes and any other City, County, State, or Federal, except property taxes shall be included in the proposal. All proposals shall include all license fees, permit fees, and other

fees to complete this project. See herein for permits, inspections, and assessments required for this project.

H. ADHERENCE:

No proposal will be considered that does not strictly adhere to all requirements of these instructions to Proposers.

I. PROPOSALS TO BE ACCEPTED BY DISTRICT:

The successful contractor shall be determined by the lowest total aggregate proposal of any or all proposals accepted by the District. The District reserves the right to select the proposals and/or aggregate of proposals it deems advantageous to the District.

J. AWARD OR REJECTION OF PROPOSALS:

The contract shall be awarded to the responsible proposer complying with these instructions. The District reserves the right to reject any and all proposals and to waive any informality or irregularity in proposals received. The award, if made, will be made within sixty (60) calendar days after the opening of the proposals.

K. EXAMINATION OF SITE:

The Proposer shall carefully examine the site of the contemplated work prior to submitting a proposal and shall have satisfied himself as to the existing conditions and the conditions under which he will be obligated to operate, and/or that will in any manner affect the work under the contract. No allowance will be made subsequently in this connection for items that could be reasonably be inferred to be required to complete project scope from a careful examination of site of the contemplated work.

L. ADDENDA AND BULLETINS:

Any addenda or bulletin items issued during the time of proposals shall be an integral part of the Contract Documents used by the Proposer for the preparation of his proposal, all items of addenda and/or bulletins shall be included in the Proposal and shall be made part of the Contract. Delivery of any Addenda or Bulletin in person to the individual or to a member of the firm or to an officer of the corporation for whom it is intended, delivery by mail to the last known business address of the Contractor, or fax transmittal with telephone confirmation of complete receipt and or email will be considered to be proper service of said documents.

M. PERMITS, INSPECTIONS AND ASSESSMENTS, ETC.:

No building permits required for this project.

List of fees/assessments:

1. None.

N. FORMAL PROTEST OF PROPOSAL:

Any proposer submitting a proposal to the District or a third party may file a protest against District awarding contract on this project provided that protestor meet all of the following requirements:

1. Protest shall be submitted in writing and received on or before 72 hours after proposal opening time. Protest received after that shall not be recognized.
2. Protest of any proposals shall be filed and received by the Chief Financial Officer, Tom Burke, of the District by certified mail or by personal delivery during normal working hours, for administrative appeal.
3. Protest Submittal shall contain the following:
 - a. The written proposal protest sets forth, in detail, all grounds for the proposal protest, including without limitation all facts, supporting documentation, legal authorities and argument in support of the grounds for the proposal protest; any matters not set forth in written proposal protest shall be deemed waived. All factual contentions must be supported by competent, admissible and creditable evidence.

- b. Name, address, phone number of person(s), company and/or organization that is making protest and name of project protest is for.
 - 4. Any proposal protest not conforming to the foregoing shall be rejected by the Owner as invalid. Provided that a proposal protest is filed in conformity with the foregoing, the Owner's Chief Financial Officer or such individual(s) as may be designated by the Chief Financial Officer, in his discretion, shall review and evaluate the basis of the proposal protest, and shall provide a written decision to the proposer submitting the proposal protest concurring with or denying the proposal protest. The written decision of the Chief Financial Officer shall be considered an administration appeal.
 - 5. The protest decision by the Chief Financial Officer may be appealed to the Board of Trustees as a judicial appeal. This request must be filed with the Chief Financial Officer within 72 hours of receipt of the written decision of the Chief Financial Officer. Said appeal shall be accompanied with reason for appeal. The judicial appeal will be calendared within 31 days or less of receipt. The final decision of the Board of Trustees is not subject to arbitration, mediation or reconsideration/appeal.
- O. **STARTING WORK:**
All documents shall be submitted and approved prior to starting work. Failure to provide complete information prior to days indicated shall be considered non-responsive, bid bond will be forfeited, and Contractor shall be declared in default.
- 1. All insurance certificates - 10 days- Following award
 - 2. Proof of Contractor's/Subcontractor's license - 10 days -Following award
 - 3. Start work 5 days from notice to proceed and/or purchase order

PART 2 - PERFORMANCE OF WORK UNDER CONTRACT

- A. **SUPERVISION:**
The General Contractor and all subcontractors engaged by general contractor will be required to designate one responsible on-site person with authority to receive directions and issue instructions for the orderly prosecution of the work.
- B. **BUILDING CODE REQUIREMENTS:**
- 1. All work performed under this Contract shall conform to the applicable portions and editions of the following current codes:
 - a. California Building Code--CCR, T24 Parts 1-9.
 - b. Public Health Code of the California State Department of Public Health and Local Health Department.
 - c. California Occupational Safety and Health Act (CAL/OSHA).
 - d. Rules and regulations of the State and Local Fire Marshals.
 - e. Safety Orders of the Industrial Accident Commission, State of California.
 - f. National Electric Code.
 - g. Uniform Plumbing Code.
 - h. All laws governing the employment of labor, posting of minimum wage rates, and accident prevention.
 - i. American Disability Act, Federal law.
 - 2. Requirements of enforcing authorities may supersede requirements of the above laws and regulations, and nothing in the Contract Documents shall be construed to permit work not conforming to applicable codes.
 - 3. All of the above laws and regulations are as much a part of this contract as if they were incorporated in their entirety herein.
- C. **BID AND PAYMENT BOND:**
General Contractor shall take out and maintain Bid and Labor/Payment bonds as indicated herein. The Bond requirement will vary based on the project proposal. The following criteria will determine

Bond Requirements.

1. Bid Bond. Proposals shall be accompanied with a Bid security 10% of project amount for all contracts \$45,000 or more.
2. Payment and Performance Bond. 100% of contract amount for all contracts \$25,000 or more.

D. INSURANCE REQUIREMENTS:

1. Evidence of Insurance: Before the work is started, the Contractor shall forward to the District Certificates of Insurance and all the Contractual Liability coverage called for in the Contract Documents is in force, and specifically covers this particular Contract with the Owner, including the hold harmless requirements. In addition, the Certificates shall contain the following:
 - 1) "No cancellation of this policy or endorsement of same shall be effective until; until the thirtieth (30th) day following the receipt of notice of such cancellation of the policy or endorsements by the Owner."
 - 2) Certificates of Insurance shall contain transcripts from the policies authenticated by the proper office of the Insurer, evidencing in particular those insured, the extent of the insurance, the location of and the operations to which the insurance applies, the expiration date and the thirty (30) day NOTICE OF CANCELLATION CLAUSE.
 - 3) Acceptance of the Certificates of Insurance shall not relieve or decrease the liability of the Contractor.
 - 4) In the absence of contrary written instructions from the District, the Contractor at the Contractor's expense, shall obtain and maintain insurance at all times during the prosecution of the Contract, in companies and through agencies approved by the District, and with limits not less than those stated hereinafter.
 - 5) The Contractor shall not commence work under this Contract until he has obtained and paid for all insurance required herein and such insurance has been approved by the Owner, nor shall the Contractor allow any Subcontractor to commence work on his Subcontract until such insurance required of the Subcontractor has been so obtained and approved.
2. Provide the following items with evidence of insurance for all insurance policies for this project: The insurance required must be written by a Best Key Rating Guide "A" or better rated carrier admitted to write insurance in the state where the work is located at the time the policy is issued.
3. Indemnification
 - a. To the fullest extent permitted by law, the Contractor shall indemnify and hold harmless the District and the Consultants and their employees from and against all claims, damages, losses and expenses, including attorneys' fees arising out of or resulting from the performance of the Work, provided that any such claim, damage, loss of expense is attributable to bodily injury to or destruction of tangible property (other than the Work itself) including the loss of use resulting there from but only to the extent caused in whole or in part by any negligent act or omission of the Contractor, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder.
 - b. In any and all claims against the District or the Consultants, or any of their employees by any employee of the Contractor, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, the indemnification obligation under this Paragraph shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the Contractor or by any Subcontractor under workers compensation acts, disability benefit acts or other employee benefit acts.
 - c. The obligations of the Contractor under this Paragraph shall not extend to the

liability of the consultants or any of their agents or employees arising out of 1) The preparation or approval of maps, drawings, opinions, reports, surveys, change orders, designs or specifications, or, 2) the giving of or the failure to give directions or instructions by the consultants or any of their agents or employees, provided such giving or failure to give is the primary cause of the injury or damage.

- d. The Contractor to name the District, the consultants, its agents and employees as additional insured on the Contractor's policy or policies of comprehensive general liability insurance. Such insurance shall include products and completed operations and contractual liability coverages, shall be primary and non-contributing with any insurance maintained by consultants, or its agents and employees, and shall provide that the Consultant be given thirty days, unqualified written notice prior to any cancellation thereof.

4. Worker's Compensation Insurance

Contractor shall provide, during the term of this Contract, Worker's Compensation Insurance for all of his employees engaged in Work under this Contract, on or at the site of the project, and in case any of his work is sublet, Contractor shall require the Subcontractor to provide Worker's Compensation Insurance for all of his employees. Any class of employee or employees not covered by a Subcontractor's insurance shall be covered by the Contractor's insurance. In case any class of employees engaged in work under this Contract, on or at the site of the project, is not protected under the Worker's Compensation laws, Contractor shall provide or cause a Subcontractor to provide, adequate insurance coverage for the protection of those employees not otherwise protected. Contractor shall file, with the Owner, certificates of insurance.

- a) The Worker's Compensation Insurance shall be written by a company California admitted in the State of California, and shall be written for not less than the following, as established by the Owner, or greater if required by law.
- b) Provide employer's liability endorsements:
 - 1) State workers' compensation statutory benefits - policy limits of not less than \$1,000,000.00.
 - 2) Employer's Liability - policy limits of not less than \$1,000,000.00.

5. Comprehensive General Liability Insurance

Commercial General Liability Insurance in Contractor's name, with personal injury limits indicated herein for combined Single Limit per occurrence coverage and annual aggregate. The policy is to be on a Comprehensive General Liability form and must include Contractual Liability endorsed to specifically cover an Indemnity Agreement contained in the Contract. The Comprehensive General Liability coverage may be provided on an "occurrence" form or a "claims made" basis. If the coverage is on a "claims made" basis, the policy shall provide for a non-cancelable 5 year extended reporting period.

- a) The Contractor shall carry such public liability and property damage insurance that will protect the Contractor, Owner, Architect and Engineers from claims for damages for bodily injury, including accidental death, as well as for claims for property damages, which may arise from operations under the contract whether such operations be by the Contractor or by any Subcontractor or anyone directly or indirectly employed by either party. The limits of coverage shall be as stated herein.
- b) In the event that any suits, actions, or claims are brought against the Owner, Architect, and/or Architect's Consultants, money equal to the "claim amount may be withheld from payments due the Contractor under and by virtue of this contract as may be considered necessary by the Owner for such purpose. Money due the Contractor will not be withheld when the Contractor produces satisfactory evidence that adequate public liability and property damage insurance has been obtained.
- c) The policy shall include coverage for the following:
 - 1) Premises - operations
 - 2) Contractual liability
 - 3) Products
 - 4) Completed operations

- 5) Broad form PD and including X, C and U coverage
 - 6) Personal injury
 - 7) Owners, contractors protective
 - 6. Automobile Liability Insurance: Automobile Liability Insurance with an Employer's Non-Ownership Liability Endorsement in the Contractor's name. Limits of liability shall not be less than amount indicated herein for Combined Single Limit per occurrence. Provide CSL, BI and PD coverage for owned, non-owned and hired autos.
 - a) Provide owned, non-owned and hired automobile insurance endorsement.
 - 7. Insurance Schedule
 - a) Worker's Compensation Insurance per State of California policy limits of not less than \$1,000,000.00.
 - 1) Employer's Liability Endorsement \$1,000,000 min.
 - b) Comprehensive General Liability:
 - 1) Combined single limits for bodily injury and property damage:
 - \$1,000,000 - Each Occurrence
 - \$1,000,000 - Annual Aggregate
 - 2) Personal Injury, with Employment Exclusion deleted.
 - 3) Include coverage of the following:
 - i) Premises - operations
 - ii) Contractual liability
 - iii) Products
 - iv) Completed operations
 - v) Broad form PD and including X, C and U coverage
 - vi) Personal injury
 - vii) Owners, contractors protective
- E. ASBESTOS-CONTAINING PRODUCTS:
- 1. Contractor agrees that asbestos-containing products or materials will not be used or substituted in performing work under the Agreement.
 - 2. At the completion of work under this Agreement, Contractor will certify in writing to the Owner that, to the best of Contractor's knowledge, no asbestos-containing products or materials were used or substituted in performing work under the Agreement.
- F. PCB-CONTAINING PRODUCTS & LEAD PLUMBING ITEMS:
- 1. Contractor agrees that lead plumbing domestic water items, asbestos, PCB, -containing products or materials will not be used or substituted in performing work under the Agreement.
 - 2. At the completion of work under this Agreement, Contractor will certify in writing to the Owner that, to the best of Contractor's knowledge, no lead plumbing domestic water items, asbestos/PCB-containing products or materials were used or substituted in performing work under the Agreement.
- G. PREVAILING WAGE RATES AND APPRENTICESHIP REQUIREMENTS – All proposals that exceed \$1,000 shall be prevailing wage.
- 1. Wages and Employer Payments:
 - a) The general prevailing wage rates and employer payments for Health and Welfare, Pension, Vacation and similar purposes in the county in which the work is to be done shall be in accordance with the Labor Code of the State of California, Section 1770, et seq.
 - b) Copies of all collective bargaining agreements relating to the work as set forth in the aforementioned Labor Code are on file and are available for inspection in the Office of the Division of Labor Statistics and Research of the Department of Industrial Relations.
 - c) Employer payments as defined in Section 1773.1 of the Labor Code are to be paid in accordance with the terms of the collective bargaining agreement applicable to

the type of classification of the workmen employed on the project and shall be the prevailing wage rate of the county in which the work is to be performed. Overtime shall be paid for the hours worked in excess of the working day and for time worked on Saturdays, Sundays and the seven (7) holidays which are to-wit:

New Year's Day, Memorial Day, July Fourth,
Labor Day, Veteran's Day, Thanksgiving Day
and Christmas.

The Contractor and any subcontractor under him shall comply with the requirements of Sections 1773.3, 1777.5, 1776 and 1777.6 in the employment of apprentices.

- 1) The predetermined (double asterisk) changes are no longer a part of the general prevailing rates of per diem wages. The rates at the time of the proposal advertisement date of a project will remain in effect for the life of project.
- 2) The definition of prevailing rate states that when there is no single rate paid to a majority of workers, then the prevailing rate is a weighted average.
- d) Not less than the general prevailing wage rate for each classification of work State or Federal which is higher shall be paid by the general contractor and all subcontractors under him shall be paid to all laborers, worker and mechanics employed in the execution of such contract or subcontract there under, including rates for overtime and general holidays in the locality in which the work is to be performed.
- e) The Contractor and all subcontractors under him shall make travel and subsistence payments to each workman needed to execute all the work as such travel and subsistence payments are defined in the applicable collective bargaining agreements filed in accordance with Section 1773.8 of the Labor Code.
2. Eight Hour Day: Contractor shall not permit any person employed by him to work overtime other than pursuant to express provisions of Section 1810 of the California Labor Code.
3. Records of Hours Worked and Citizenship: The Contractor shall maintain records of the hours worked by his employees and their citizenship and they shall be open at all times for inspection by the County, Client and/or the Division of Labor Statistics and Law Enforcement, in accordance with Sections 1814 and 1552 of the California Labor Code.
 - a) The General Contractor shall maintain all certified payroll documents at their office. Copies shall be provided to anyone who provides a request and Owner approves that request. Contractor shall provide copies within ten (10) days of approved request. Contractor shall provide copies, shipping cost, and all other related cost to provide this information at no cost to Owner. Contractor shall maintain certified payroll documents for seven (7) years after Notice of Completion.
4. Penalties: The Contractor shall forfeit as a penalty to said Owner, Fifty Dollars (\$50.00) for each laborer, workman or mechanic paid less than the above stipulated rates for any work under this Contract by him or any Subcontractor under him.
5. Enforcement and Verification off Requirements:
 - a) The records by the Contractor may be checked periodically by an independent enforcement agency to verify compliance with the labor codes and related items.
 - b) Jobsite interviews may be conducted periodically throughout the duration of the project. The Contractor shall allow access to the project and access to workers during working hours to confirm prevailing wage rates and apprenticeship requirements are followed.
 - c) Prior to executing the agreement the Contractor shall provide verification of enrollment in an apprenticeship program per Sections 1773.3, 1777.5, 1776 and 1777.6 within the last 12 months.
6. Miscellaneous: Request for exemption from prevailing wage requirements shall be made prior to proposals in time for the Architect to issue an addendum to communicate information to proposers. Request for exemption will not be accepted after above mentioned date.

H. Contractor License and DIR Registration Required.

To perform the work required for this project, Bidder must possess the type of contractor's license specified in the Notice to Proposers (Request for Proposal), and must be registered with the Department of Industrial Relations (DIR) as a public works contractor. Contractor registration can be accomplished through the portal <https://efiling.dir.ca.gov/PWCR/>. No CONTRACTOR or subcontractor shall be qualified to bid on, be listed in a bid proposal, subject to the requirements of § 4104 of the Public Contract Code, for a public works project (submitted on or after March 1, 2015) unless currently registered with the DIR and qualified to perform public work pursuant to Labor Code § 1725.5. No CONTRACTOR or subcontractor may be awarded a contract for public work on a public works project (awarded after April 1, 2015) unless registered with the DIR.

I. AWARD

District shall issue a purchase order, which shall be the notice to proceed. This will be issued only after receipt of required documents.

J. PRELIMINARY NOTICE:

Preliminary Notices must be filed with the Owner with a copy mailed to both the Consultants and the Contractor.

3.0 P R O P O S A L **Submit with Bid**

Proposals will be received at the Kern Community College District, 2100 Chester Ave, Room 201 (FACILITIES); Bakersfield, CA 93301 up to **2:00 pm on November 6, 2025**

Submitted to:
Kern Community College District
Bakersfield, California

Submitted by:

Name of Firm

Having carefully examined the Proposal and Contract Documents and General Requirements, as well as the premises and the conditions affecting the work, including Addenda (a) No (s) _____, inclusive, the Undersigned proposes to furnish all material and labor called for by all documents for the "entire work", in accordance with said documents for the sum of:

BASE AMOUNT – Low Bid shall be determined on BASE BID only

Base Bid _____ \$ _____

Allowance#1 _____ \$ _____ **5,000.00**

Total Bid Amount

Base Bid including Allowance _____ \$ _____

The undersigned understands that the time required to complete the work is the essence of the Contract and agrees to commence the work within ten (10) calendar days of the Contract date. The undersigned further agrees that this proposal may not be withdrawn for a period of sixty (60) days after the date set for the opening thereof unless otherwise required by law.

The undersigned agrees, if awarded the Contract, to complete all work between **December 15, 2025-January 16, 2026**

The undersigned has checked carefully all the above figures and understands that the District will not be responsible for any errors or omissions on the part of the undersigned in making up this proposal.

The undersigned hereby certifies that this proposal is genuine and not sham or collusive or made in the interest or in behalf of any person not herein named, and that the undersigned has not directly or indirectly induced or solicited any other proposer to refrain from submitting a proposal, and that the undersigned has not in any manner sought by collusion to secure for himself any advantage over any other proposer.

PREVAILING WAGE COMPLIANCE CERTIFICATION:

In submitting this proposal, I hereby certify that I will conform to the State of California Public Works Contract Requirements regarding wages; benefits; on-site audits with 48-hour notice; payroll records; and, apprentice and trainee employment requirements.

Contractor (type or print)

Contractor's signature

Date

Submit with Bid**CONTRACTOR'S CERTIFICATE REGARDING WORKER'S COMPENSATION:**

Labor Code Section 3700 provides:

"Every employer except the State and all political subdivision or institutions thereof, shall secure the payment of compensation in one or more of the following ways:

- "(a) By being insured against liability to pay compensation in one or more insurers duly authorized to write compensation insurance in this State.
- "(b) By securing from the Director of Industrial Relations a certificate of consent to self-insure, which may be given upon furnishing proof satisfactory to the Director of Industrial Relations of ability to self-insure and to pay any compensation that may become due to his employees."

I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for Workers Compensation or to undertake self-insurance in accordance with the provisions of that Code, and I will comply with those provisions before commencing the performance of the work of this contract.

CONTRACTOR:

By (type or print)_____
Title_____
Dated

(In accordance with Article 5 [commencing at Section 1860], Chapter 1, Part 7, Division 2 of the Labor Code, this certificate must be signed and filed with the awarding body prior to performing any work under this contract.)

Submit with Bid**NON-COLLUSION AFFIDAVIT:**

State of California)
) ss.
County of _____)

_____, being duly sworn, deposes and says:

That he or she is the _____ (position)
of _____ (name of
proposer), the party making the proposal; that the proposal is not made in the interest of, or on behalf of any
undisclosed person, partnership, company, association, organization or corporation; that the proposal is
genuine and not collusive or sham; that the proposer has not directly or indirectly induced or solicited any
other proposer to put in a false or sham proposal, and has not directly or indirectly colluded, conspired,
connived, or agreed with any proposer or anyone else to put in a sham proposal, or that anyone shall refrain
from submitting a proposal; that the proposer has not in any manner, directly or indirectly, sought by
agreement, communication, or conference with anyone to fix the proposal price of the proposer or any other
proposer, or to fix any overhead, profit, or cost element of the proposal price, or of that of any other proposer,
or to secure any advantage against the public body awarding the contract of anyone interested in the
proposed contract; that all statements contained in the proposal are true; and, further, that the proposer has
not, directly or indirectly, submitted his or her proposal price or any price breakdown, or their contents, or
divulged relative information or data, or paid, and will not pay, any fee to any corporation, partnership,
company, association, organization, proposal depository, or to any member or agent thereof to effectuate a
collusive or sham proposal.

(Firm Name)

(Printed Name - Authorized Agent)

(Signature - Authorized Agent)

Subscribed and sworn to before me on _____, 20 _____.

Notary Public

NOTARY SEAL

05-LIST OF SUBCONTRACTORS

SUBMIT WITH BID

**PROJECT TITLE: BID #: BC SMSR 2022-23 Concrete Replacement
Campuswide Phase II- Multiple Locations**

OWNER: KERN COMMUNITY COLLEGE DISTRICT

A. In compliance with the Subletting and Subcontracting Fair Practices Act (Public Contract Code Section 4100 and following sections) and any amendments to the Act, each Bidder shall set forth below:

1. The name, location of the place of business California contractor license number and DIR registration number of:

a. Each subcontractor who will perform work or labor or render service to the Bidder in or about the construction of the work or improvement to be performed under the Construction Agreement;

b. Each subcontractor licensed by the State of California who, under subcontract to the Bidder, specially fabricates and/or installs a portion of the work or improvement according to detailed drawings contained in the plans and specifications, in an amount in excess of one-half of one percent of the Bidder's total bid or Ten Thousand Dollars (\$10,000), whichever is greater;

2. The portion of the work which will be done by each subcontractor.

B. The Bidder shall list only one subcontractor for each such portion as is defined by the Bidder in this bid.

C. If the Bidder fails to specify a subcontractor, or if the Bidder specifies more than one subcontractor for the same portion of work to be performed under the contract in excess of one-half of one percent of the Bidder's total bid, the Bidder shall be deemed to have agreed that the Bidder is fully qualified to perform that portion, and that the Bidder alone shall perform that portion.

D. No Bidder whose bid is accepted shall (i) substitute any subcontractor, (ii) permit any subcontractor to be voluntarily assigned or transferred, or allow it to be performed by anyone other than the original subcontractor listed in the original bid, or (c) sublet or subcontract any portion of the work in excess of one-half of one percent of the Bidder's total bid as to which the original bid did not designate a subcontractor, except as authorized in the Subletting and Subcontracting Fair Practices Act.

E. Violations of any provision of the Subletting and Subcontracting Fair Practices Act may be deemed by the OWNER to make the bid non-responsive and/or the Bidder non-responsive.

F. Attach additional sheets, as necessary.

SUBCONTRACTOR'S NAME & LOCATION	DESCRIPTION OF PORTION TO BE SUBCONTRACTED	CALIFORNIA CONTRACTOR LICENSE NO.	DIR REGISTRATION NUMBER

Firm Name:

By: _____
[Signature must match that on bid]

Print Name:

** State whether your firm is a corporation, a co-partnership, private individual, or individuals, doing business under a firm name. If the proposer is a partnership, the proposal should be signed with the partnership name and by one of the authorized partners. If the proposer is a corporation, it should be signed by a person authorized to execute proposals on behalf of the corporation.

* * *

4.0 BID BOND

Submit in Bid

Be advised that we, _____

as Principal ("Principal") and _____

_____ a corporation duly licensed to transact business under the laws of the State of California as Surety ("Surety") are firmly bound to **KERN COMMUNITY COLLEGE DISTRICT** as Obligee ("Obligee") in the sum

of \$ _____ for the payment of which the Principal and the Surety bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, by this Bond.

The Principal has submitted a proposal for _____
(list project on Proposal)

The condition of our obligation is this: if the Principal is awarded the contract upon its proposal, and shall, within the required number of days after the notice of award, execute a contract with the Obligee in accordance with the contract documents, submit the required payment and performance bonds, and provide all other required documents, then this obligation shall be null and void; but in the event that the Principal fails and/or refuses to execute and deliver those documents, this bond will be charged with the costs of the damages experienced by the Obligee as a result of that refusal, including but not limited to, publication costs, the difference in money between the amount of the bid of the Principal and the amount for which the Obligee may legally contract with another party to perform the work if the amount is in excess of the former; building lease or rental costs, transportation costs, professional service costs, and additional salary costs that result from the delay due to the Principal's default on the awarded contract. In no event, however, shall the Surety's liability exceed the penal sum indicated above.

The Surety, for value received, stipulates and agrees that its obligations and its bond shall not be impaired or affected by an extension of the time within which the Obligee may accept such bid; and Surety waives notice of any time extension.

Dated:

PRINCIPAL

By: _____

Title: _____

Dated:

SURETY

By: _____

Title: _____

5.0 GENERAL CONDITIONS OF AGREEMENT

- 1) The college will issue a Purchase Order for all work included in this Request for Proposal based on the Contractor's proposal to do certain work for the said Owner, specified and described in certain drawings and specifications, and entitled on the Bid Proposal, in strict accordance with drawings and specifications prepared and attached to RFP.
- 2) Whereas, the Contractor, before signing the enclosed proposal, has carefully read and examined in connection herewith said proposal and specifications and has carefully examined the site where said work is to be done, and has investigated the character of such work and the materials required to be furnished, and by reason of such reading, examination and investigation, the said Contractor agrees that he thoroughly understands the intent and meaning of this proposal and all component parts of said proposal and the requirements, covenants, stipulations and restrictions thereof.
- 3) In consideration of the promises and of the payments hereinafter to be made by the Owner to and on account of said Contractor, and the understanding of said Contractor to do said work the College and Contractor agree that:
 - a) This Contractor shall receive and accept the sum on proposal herein submitted, as full compensation for furnishing all materials and doing all the work contemplated and embraced in this Contract, and for furnishing all necessary tools, machinery, implements, apparatus and other means of construction; also all loss or damage arising out of the nature of the work to be done under said specifications, or from the action of the elements, or from any unforeseen difficulties or obstructions which may arise or be encountered during the progress of said work, and before the acceptance thereof by said Owner, and shall be responsible for the consequences of his own negligence or carelessness or discontinuance of the work, and for well and faithfully completing the work in the manner and according to the drawings and specifications and all requirements of the College and any and all parties having jurisdiction there over, for the whole thereof, the following sum which represents the Contract Price.
 - b) Payments; The Owner agrees, in consideration of the performance of this Contract, to pay the Contractor in the following manner:
 - i) Payments will be made only on the certificate of the Owners field representative.
 - ii) Monthly payments shall be made to the Contractor in amounts equal to ninety percent (90%) of the estimated value of the work done and the materials furnished and incorporated in the work during the month preceding the date upon which such value is estimated plus ninety percent (90%) of the estimated value of all materials which, on the date of estimation of value, are suitably stored on the site for incorporation into the work; provided that no such monthly payment, or payment of any kind, shall theretofore have been made for any such work done or materials furnished and incorporated or materials suitably stored on the site. The aforesaid estimation of value shall be made by the Owners Representative and noted by him upon the certificates furnished by him pursuant to paragraphs herein.
 - iii) Upon substantial completion of the work, a sum sufficient to increase the total payments to ninety percent (90%) of the Contract Price, less an amount determined by Owner to be adequate to complete any unfurnished part of the work by another Contractor should the work not be completed within a reasonable time established by the Owner.
 - iv) The final payment shall be made thirty-five (35) days after receipt of the recorded Notice of Completion date, provided that: The Contractor shall furnish satisfactory evidence that all claims for labor and materials have been paid and that no claims shall have been presented to the Owner by any person or persons based upon any act or omission of the Contractor, and no Stop Notices have been filed against said work or the property whereon it was done.
 - (1) No certificates given or payments made on account of any Contract shall constitute an acceptance of any equipment, material or work which may subsequently be found to be defective.
 - c) Time of Completion. The Contractor agrees to commence the work within five (5) calendar days

from the date of the notice to proceed and/or purchase order. Failure to obtain approval of the required documents, within the allotted time, shall not be cause for extension of the time of construction as set forth hereafter.

- i) The Contractor further agrees to construct and execute all of the work described in said drawings, specifications, proposals, addenda and any and all other requirements, covenants, stipulations and restrictions, within 16 calendar days from and after the date of commencement, said date of commencement being agreed upon as the fifth (5th) calendar day following the date of the notice to proceed and/or purchase order. Owner shall issue actual start date to Contractor.
- ii) Both parties agree that the aforementioned stipulated contract period to be a reasonable time scale for completion of the work and Contractor will provide best endeavors to complete the work within the contract period.
- iii) If the Contractor shall neglect, fail or refuse to complete the work within the time herein specified, then the contractor does hereby agree, as a part consideration for awarding of this Contract to pay to the Owner the sum of: **One Hundred Dollars - No Cents DOLLARS (\$100.00)** per day plus such additional costs as may be incurred by the College because of such delays, not as a penalty but as liquidated damages for such breach of Contract as hereinafter set forth for each and every day that the Contractor shall be in default after the time stipulated in the Contract for completing the work.
- iv) The said amount is fixed and agreed upon by and between the Contractor and the Owner because of the impracticability and extreme difficulty of fixing and ascertaining the actual damages the Owner would in such event sustain, and said amount is agreed to be the amount of damages which the Owner would sustain and said amounts shall be retained from time to time by the Owner from the current periodical estimates.
- v) It is further agreed that time is the essence of each and every portion of this Contract and of the specifications wherein a definite and certain length of time is fixed for the performance of any act whatsoever; and where under the Contract an additional time is allowed for the completion of any work, the new time limit fixed by such extension shall be of the essence of this Contract. Provided, that the Contractor shall not be charged with liquidated damages or any excess cost when the delay in completion of the work is due.
 - (1) To any preference, priority or allocation order duly issued by the Government.
 - (2) To unforeseeable cause beyond the control and without the fault or negligence of the Contractor, including but not restricted to acts of God, or of the public enemy, acts of the Owner, acts of another Contractor in the performance of the Contract with the Owner, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, unusually severe weather, and
 - (3) To any delays of subcontractors occasioned by any of the causes specified in subsections (1) and (2) of herein. Provided, further, that the Contractor shall, within seven (7) days from the beginning of such delay, notify the Owner, in writing, of the causes of delay, who shall ascertain the facts and extent of the delay and notify the Contractor within a reasonable time of its decision in the matter.
- d) Drawings and Specifications. This Contract, the drawings and the specifications have been prepared, and are intended to supplement one another. The drawings and specifications shall be deemed by this reference to be incorporated within this Contract, the drawings shall be deemed by this reference to be incorporated within the specifications, and the specifications shall be deemed by this reference to be incorporated with the drawings. In the event a conflict is found to exist between the drawings and specifications, the College shall interpret. In the event that the drawings and specifications, or either of them shall be found to conflict with this Contract, then this Contract shall be govern. Omissions from this Contract of items of provisions present in the specifications or drawings or either of them shall not be deemed a conflict within the meaning of this Article.
- e) Changes. Should the Owner, at any time during the progress of the work desire any alterations, or deviations in, or additions to, or omissions from the Contract or the drawings or specifications, said Owner, or representative thereof, shall be at liberty to order them, in writing, and the same shall in no way affect or make void this Contract, but the amount thereof shall be added to, or deducted from, the amount of the Contract Price aforesaid, as the case may be, by a fair and reasonable valuation.

This Contract, subject to the provisions of Article II (a) hereof, shall be deemed completed when the work is finished in accordance with the original drawings and specifications, as amended by such changes, whatever may be the nature or extent thereof.

- i) No such changes, whatever may be the nature, or modification shall release or exonerate any surety or sureties upon any guarantee or bond given in connection with this Contract, if required.
- ii) Rules of Practice: The rule of practice to be observed in this Contract shall be that upon the demand of either the Owner or the Contractor, the character or valuation of any and all changes, omissions, or extra work shall be agreed upon and fixed in writing, signed by the Owner and the Contractor, prior to execution.
- f) Acceptance of Work. The payment of the progress payments by the Owner shall not be construed as an absolute acceptance of the work done up to the time of such payments, except as to such matters as are open and obvious, but the entire work, and at the time when it shall be claimed by the Contractor that the Contract and work is completed. Liability under the bonds is to continue for one (1) year from the date of acceptance and bonds will not be released until such date.
- g) Failure to provide workmen and materials. If the Contractor at any time during the progress of the work should refuse or neglect, without the fault of the Owner, to supply sufficient amount of materials or enough workmen to complete the Contract within the time herein set forth, due allowance being made for the contingencies provided for herein, for a period of more than seven (7) days after having been notified by the Owner in writing to furnish the same, the Owner shall have the power to furnish and provide said materials and/or workmen to finish the said work, and the reasonable expense thereof shall be deducted from the amount of the Contract Price.
- h) Penalties. This Contractor shall forfeit, as a penalty to the said Owner, the sum of fifty dollars (\$50.00) for each laborer, workman, or mechanic employed in the execution of this Contract, or any sub-contractor under him, for each calendar day during which such laborer, workman or mechanic is required or permitted to labor more than eight (8) hours in violation of Section 1810-1811, Chapter One, of Division Two, Part Seven of the Labor Code of the State of California, and said Owner, when making payments of money due under this Contract, shall withhold and retain there from all sums and amounts which have been forfeited pursuant to the herein said stipulation.
- i) Insurance and Bonds: Insurances and bonds, as set forth in the supporting contract documents, shall be maintained in effect during the period of this Contract.
- j) Relations to Bid Proposals: If proposal is accepted by owner, be it further stipulated and agreed that said Owner does promise and agree to employ the said Contractor to provide the materials and do the work according to the terms and conditions herein contained and referred to, for the prices aforesaid, and herein contracts to pay the same at the time, in the manner and upon the conditions set forth above; and the said parties for themselves, their heirs, executors, administrators, successors, and assigns, do hereby agree to the full performance of the covenants herein contained. It is further agreed by and between the parties hereto that should there be any conflict between the terms of this instrument and the bid proposal of said Contract, then this instrument shall control and nothing herein shall be considered as an acceptance of the said terms of said proposal conflicting herewith.
- k) Asbestos/PCB-containing products and lead plumbing items: Contractor agrees that lead plumbing domestic water items, asbestos, PCB, -containing products or materials will not be used or substituted in performing work under the Agreement. At the completion of work under the Agreement, Contractor will certify in writing to the Owner that to the best of Contractor's knowledge, no lead plumbing domestic water items, asbestos/PCB-containing products or materials were used or substituted in performing work under the Agreement.
- l) Compliance with air pollution and storm water prevention control rules: 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, as well as local requirements, County, City, local Air Pollution Control Districts and Storm Water Prevention Districts. Contractor shall require all subcontractors to abide by these items.
- m) Contractor-Employee requirements: By submitting proposal, the Contractor certifies he is aware of the provisions of section 3700 of the Labor Code which require every employer to be insured against

liability for workmen's compensation or to undertake self-insurance in accordance with the provisions of that code, and that he will comply with such provisions before commencing the performance of the work of this Contract.

- i) In accordance with the provisions of Section 3700 of the Labor Code, every contractor will be required to secure payment of compensation to his employees.
- ii) The Contractor and Subcontractors under him shall comply with the provisions of Division 2, Part 7, Chapter 1, Article 2, Sections 1770-1780 with particular reference to the employment and use of apprentices and other provisions that require him to make travel and subsistence payments to each workman needed to execute the work, as such collective bargaining agreements filed in accordance with the Labor Code, and to pay not less than the minimum per diem wages as determined by the Director of the Department of Industrial Relations, on file in the principal office of the Owner.
- iii) Special attention is directed to Sections 1777.5, 1777.6 and 1777.7 of the California Labor Code and Title 8, California Code of Regulations Section 200 et. seq. Each contractor and/or subcontractor must, prior to commencement of the public works contract, contact the Division of Apprenticeship Standards, 455 Golden Gate Avenue, San Francisco, or one of its branch offices regarding apprentices and specifically the required ratio there under. Responsibility for compliance with this section lies with the prime Contractor. During the performance of this Contract, the Contractor will not discriminate against any employee or applicant for employment because of race, religion, color, sex or national origin.
- n) Notices: All notices herein provided to be given or which may be given by either party to the other shall be deemed to have been fully given when made in writing and deposited with the United States Postal Service, Registered or Certified, and postage prepaid and addressed as follows:
 - i) Owner, person and address on title sheet of RFP.
 - ii) Contractor, person and address on proposal submitted by contractor herein.
 - iii) The address to which the notices shall or may be mailed as aforesaid to either party shall or may be changed by written notice given by such party to the other, as hereinbefore provided, but nothing herein contained shall preclude the giving of any such notice by personal service.

6.0 PROJECT SCOPE

A. PROJECT DESCRIPTION: Concrete Repair and Replacement

- 1) Provide all labor, material and equipment to remove and replace existing concrete sidewalk per attached site map and itemized list.
- 2) Install new concrete sidewalks per attached details.
- 3) Repair designated concrete retaining walls.
- 4) Contractor's proposal should be basing their bid for this project during normal working hours.
- 5) Misc.
 - a) Remove and install new concrete per documents
 - b) Repair all landscape areas adjacent to work area
 - c) Repair any and all sprinkles damaged during construction
 - d) Clean up after complete
 - e) Owners Allowance \$5,000.00

B. WORK SEQUENCE:

1. The Work will be conducted in one phase to provide the least possible interference to the activities of the Owner's personnel and to permit an orderly transfer of personnel and equipment to the new facilities.

C. CONTRACTOR USE OF PREMISES:

1. General: Limit use of the premises to construction activities in areas indicated; allow for Owner occupancy and use by the public.
 - a. Confine operations to areas within Contract limits indicated. Portions of the site beyond areas in which construction operations are indicated are not to be disturbed.
 - b. Keep driveways and entrances serving the premises clear and available to the Owner and the Owner's employees at all times. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on site.
2. Use of the Existing Building: Maintain the existing buildings in a weather tight condition throughout the construction period. Repair damage caused by construction operations. Take all precautions necessary to protect the building and its occupants during the construction period.

D. OWNER OCCUPANCY:

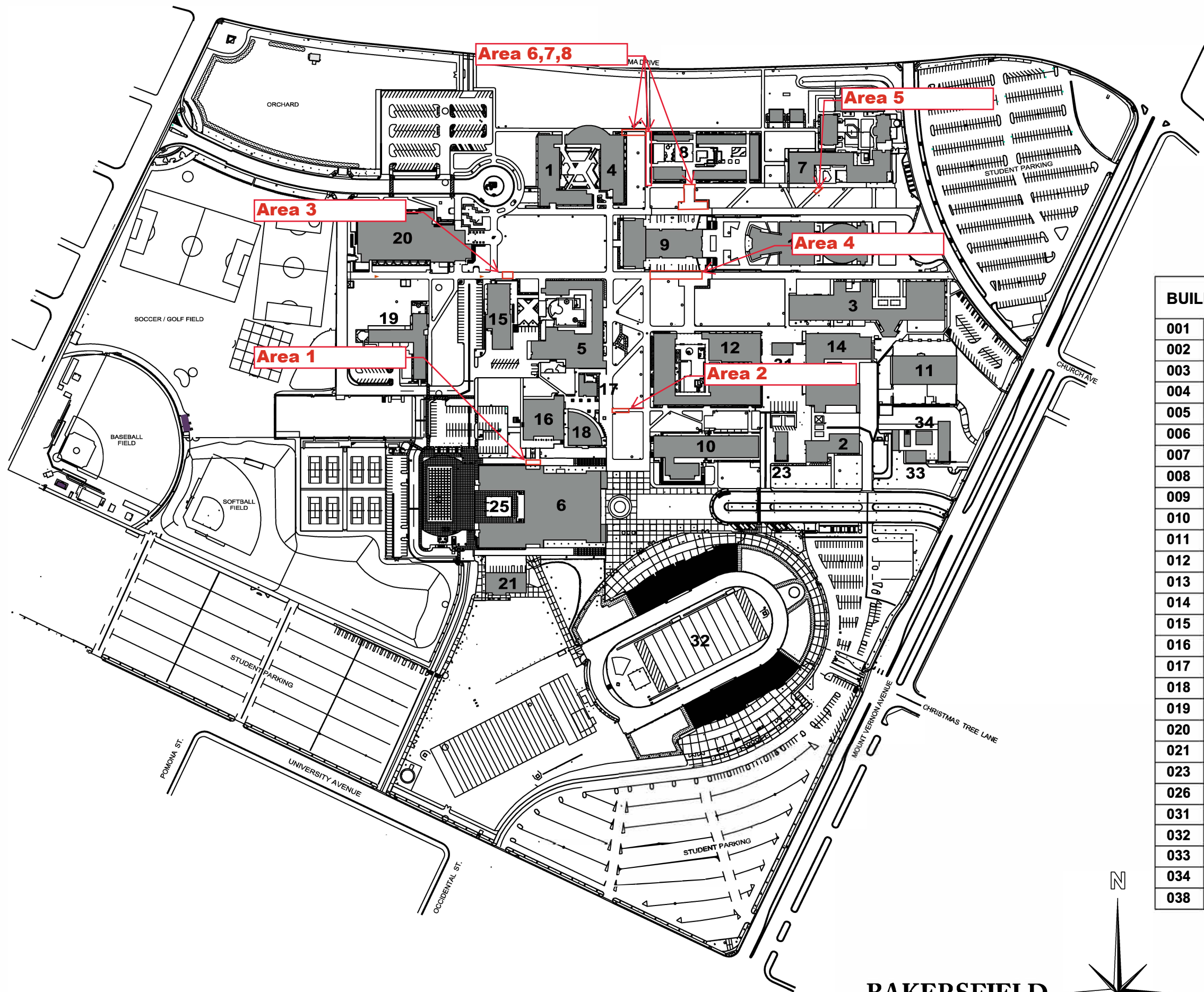
1. Full Owner Occupancy: The Owner will occupy the site and existing building during the entire construction period. Cooperate with the Owner during construction operations to minimize conflicts and facilitate Owner usage. Perform the Work so as not to interfere with the Owner's operations.

E. GENERAL SCOPE OF WORK:

1. Contractor to inspect project site and inspect existing conditions/utilities.
2. Scheduling of work to be coordinated with college for non-interruption during office hours, c/o M/O Director.

3. Provide all necessary tools and equipments to complete work within time frame stated in contract.
4. Contractor to inform Owner one (1) week before work is completed to schedule testing and inspection. Contractor to guarantee workmanship one (1) year.
5. Work areas shall be cleaned /cleared on a daily basis. All construction debris to be removed from site upon completion of work by contractor.

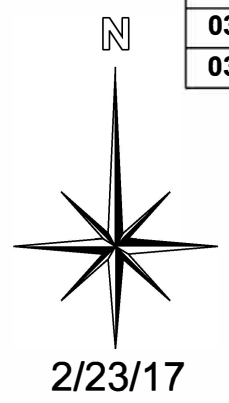
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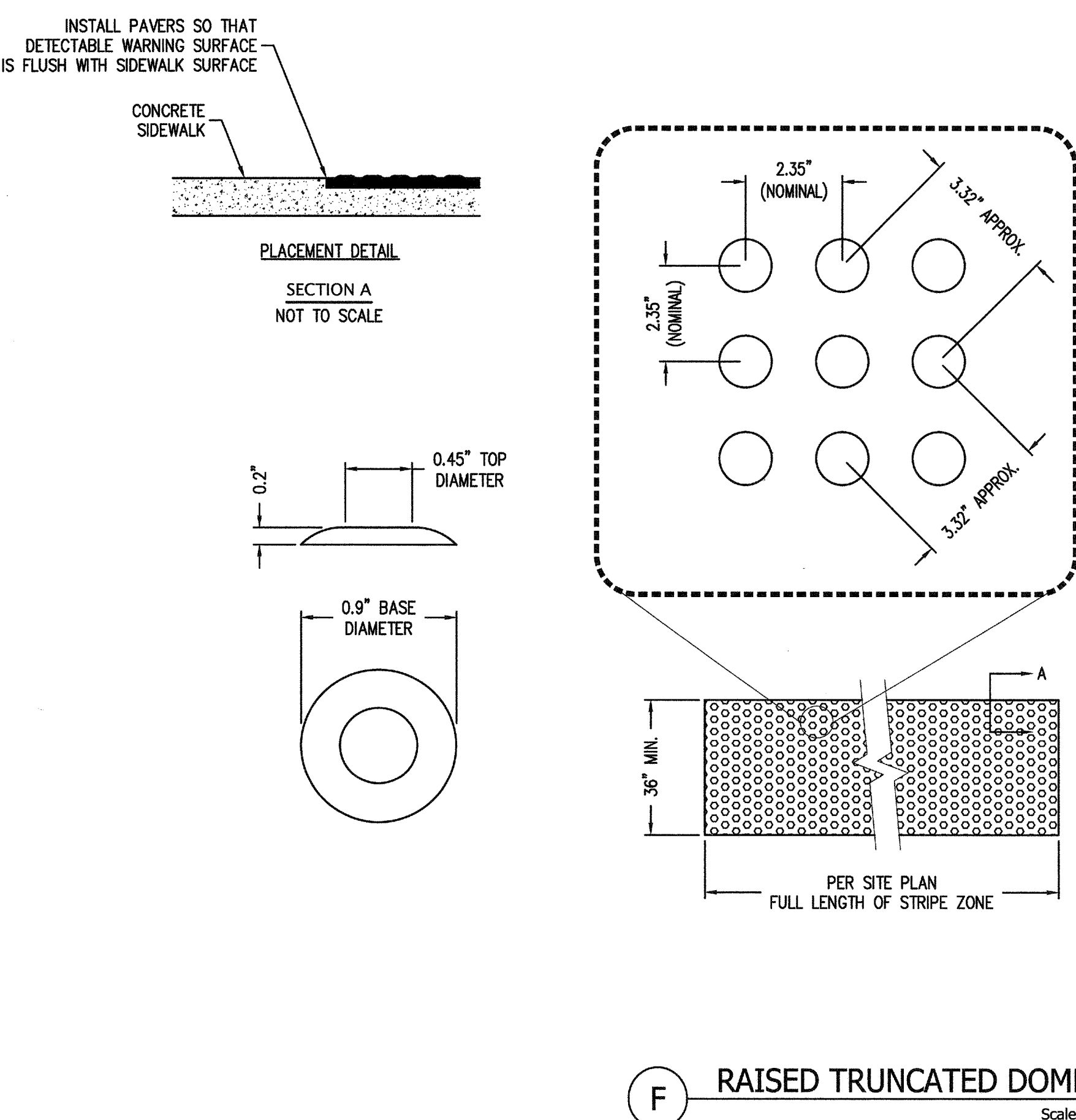
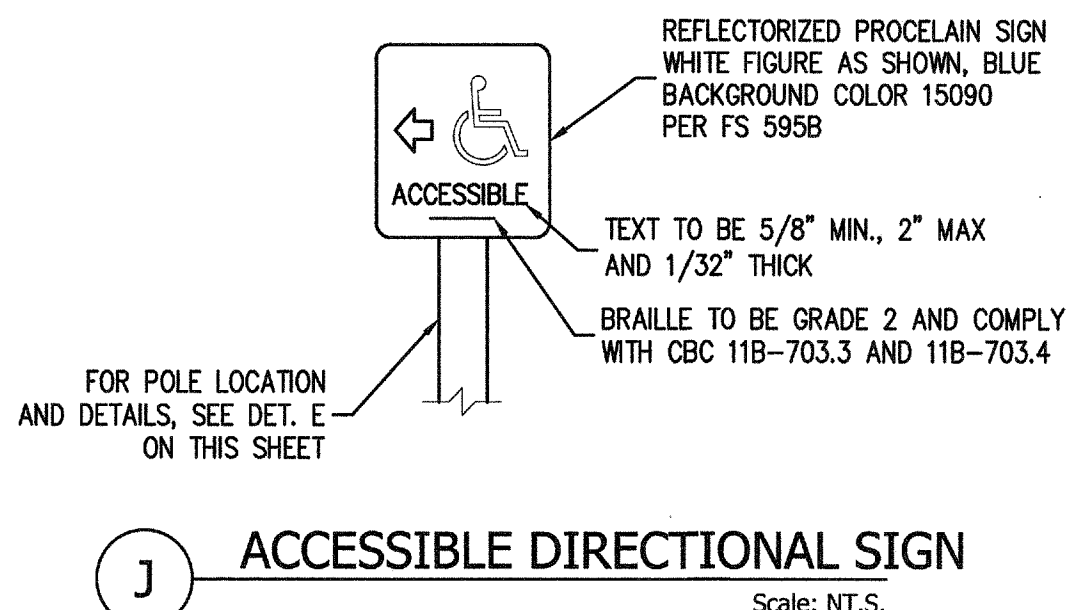
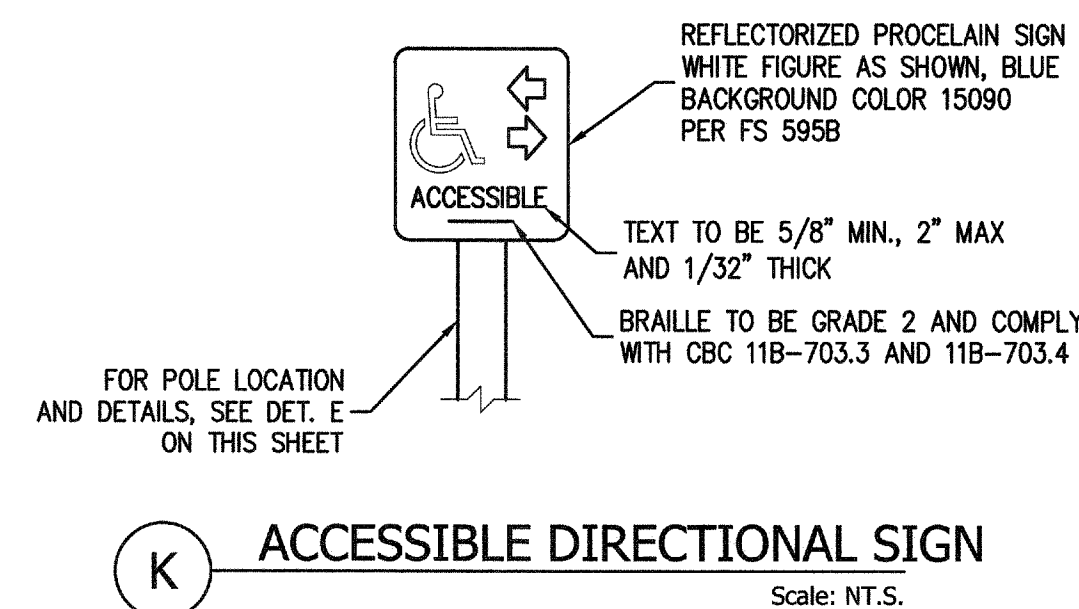
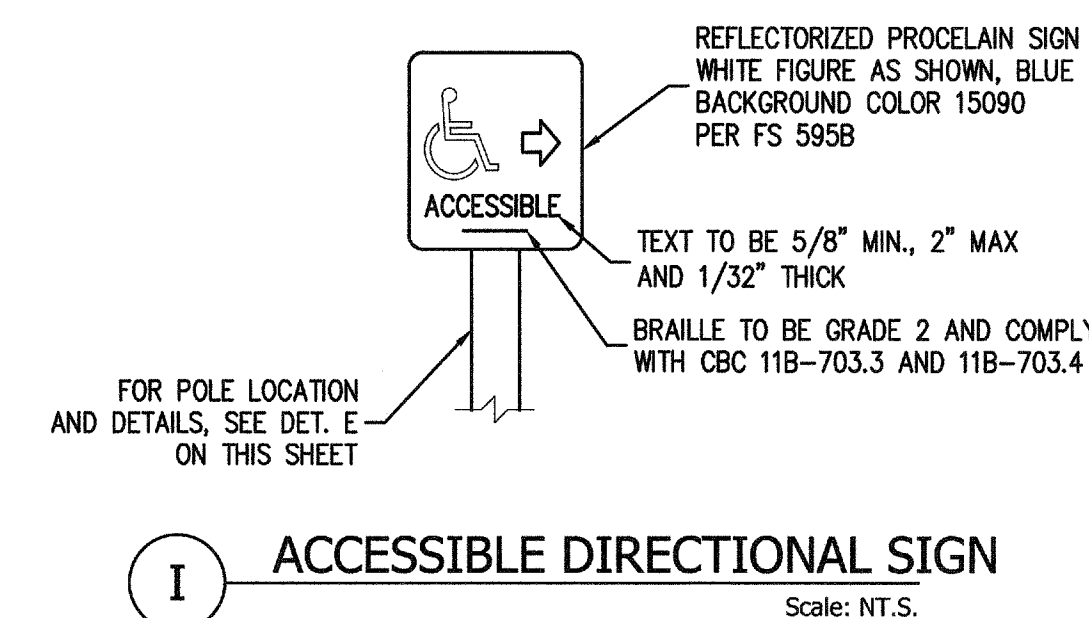
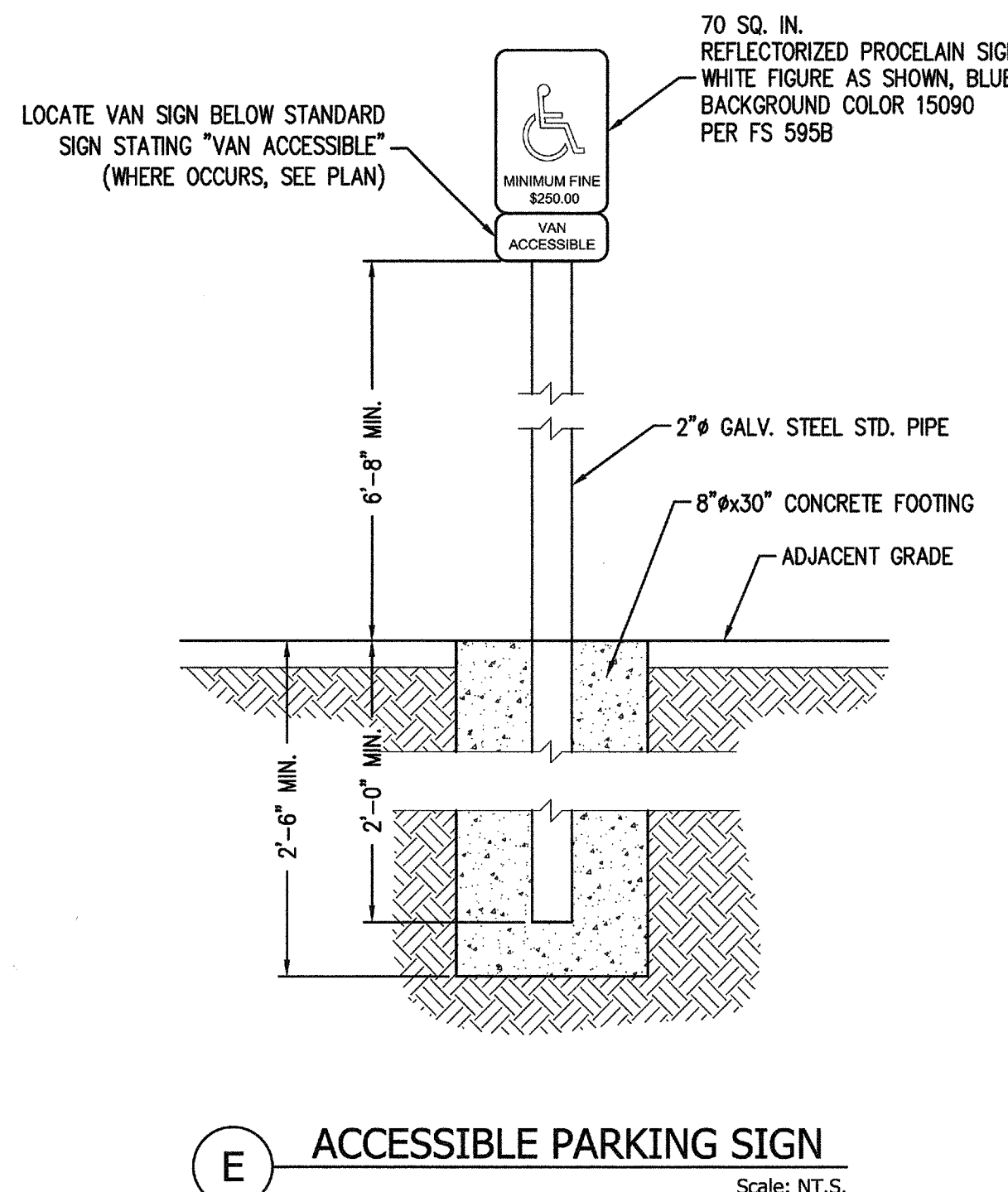
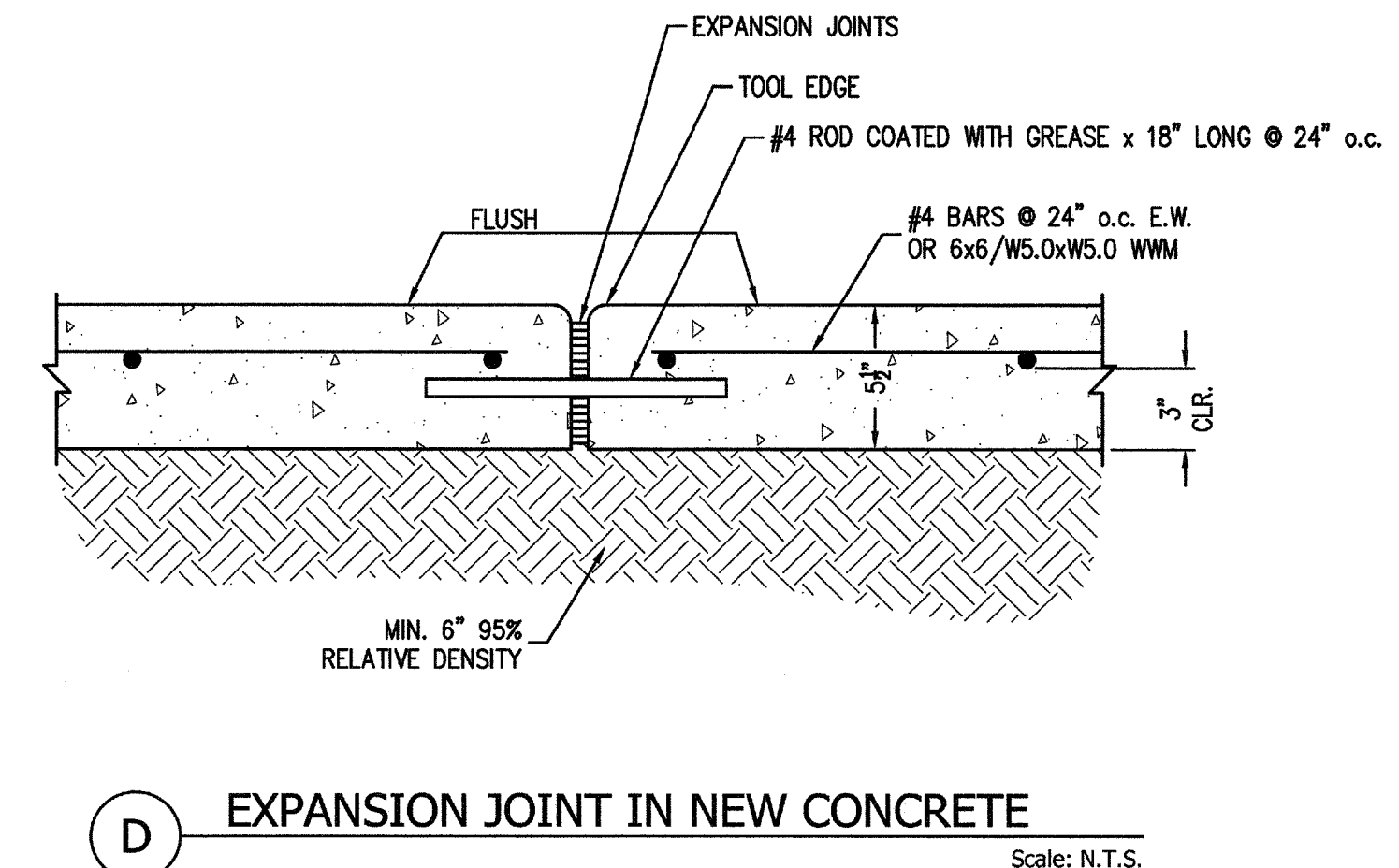
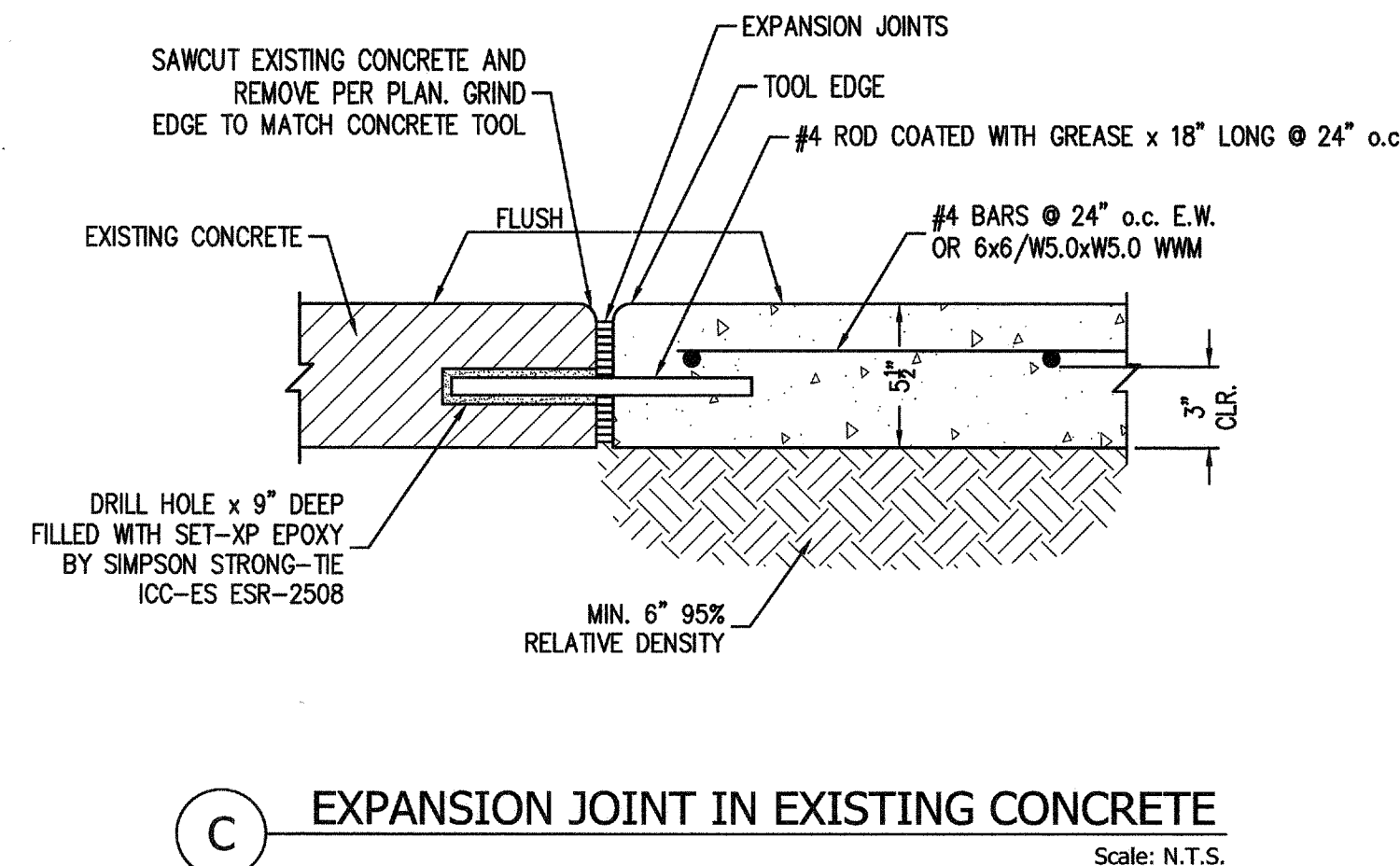
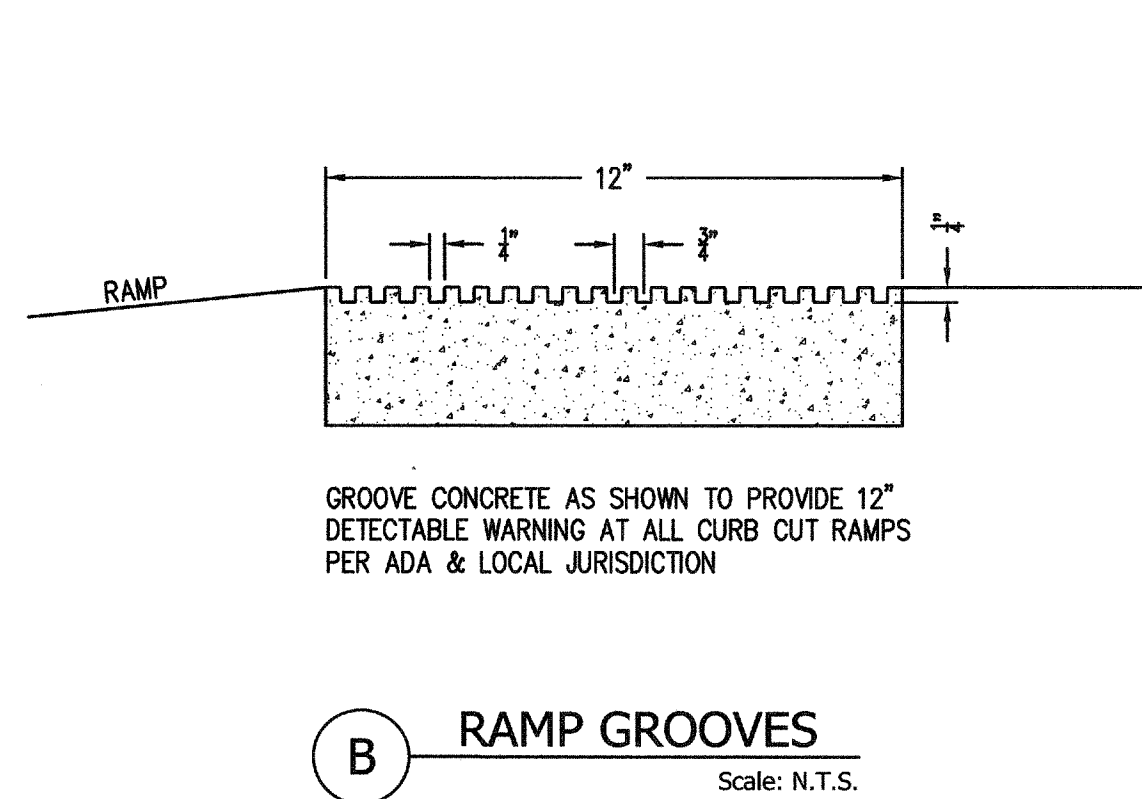
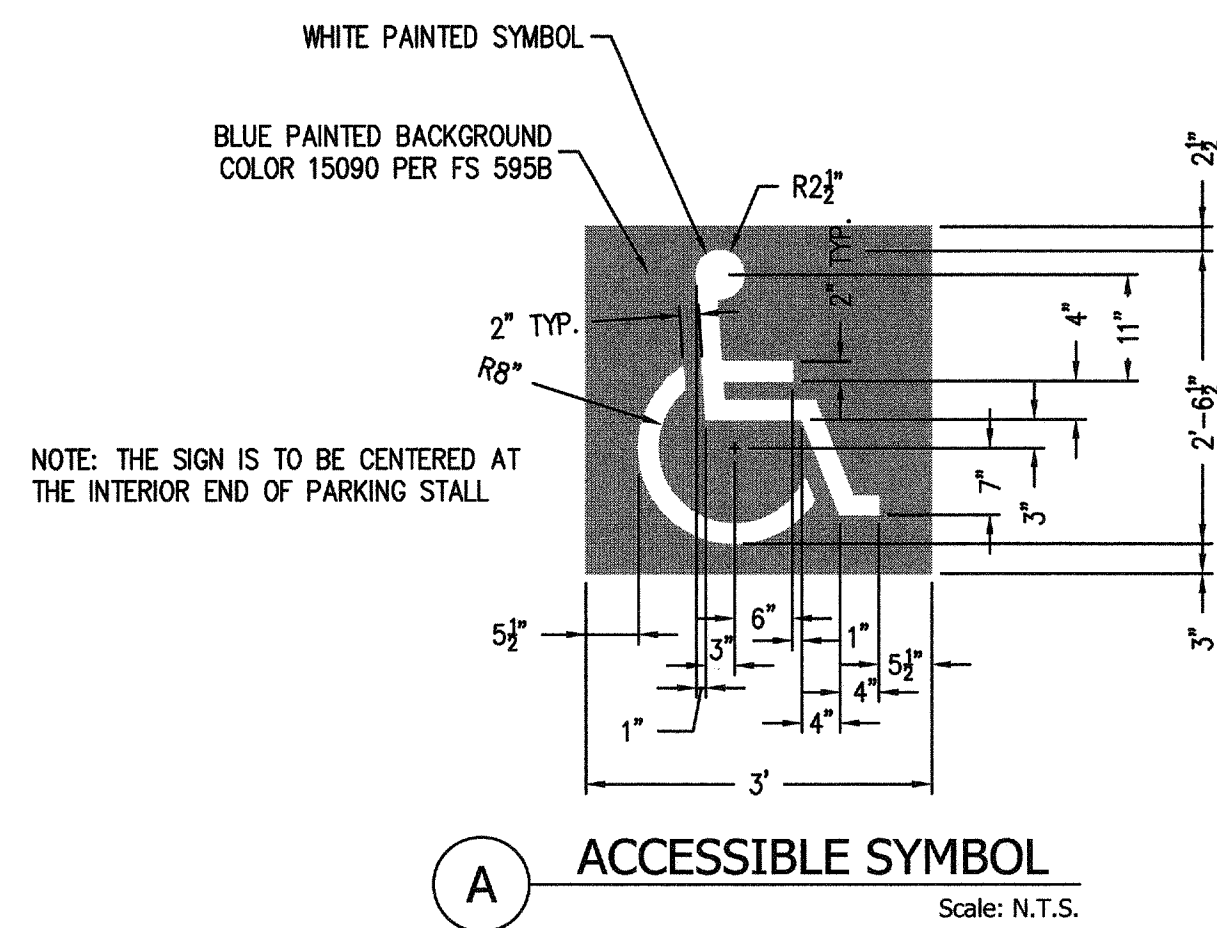
BUILDING INDEX		DSA NO.
001	ADMINISTRATION	11900
002	AGRICULTURE	12798
003	FINE ARTS	30283 11900
004	BUSINESS	11900
005	CAMPUS CENTER	11900
006	GYMNASIUM	11714
007	FAMILY & CONSUMER EDUCATION	30573 11900
008	HUMANITIES	11900
009	CENTER FOR STUDENT SUCCESS	32988
010	MATH SCIENCE	20984
011	AUTO TECHNOLOGY	59527
012	SCIENCE & ENGINEERING	39682
013	SPEECH, ARTS & MUSIC	11900
014	INDUSTRIAL TECHNOLOGY	12798
015	BOOKSTORE	11900
016	LANGUAGE ARTS	25931
017	FINLINSON CONFERENCE CENTER	27987
018	FORUM	27987
019	LEVINSON HALL	27987
020	LIBRARY	12798
021	FIELD HOUSE	11900
023	AERA STEM	36081
026	OUTDOOR THEATRE	11900
031	SHIPPING & RECEIVING	12796
032	STADIUM	11900
033	HORTICULTURE LAB	11440
034	GREENHOUSES	23305
038	BASEBALL RESTROOM	39837

00 Overall Site

BAKERSFIELD
COLLEGE



2/23/17



SURFACE MOUNTED TRUNCATED DOMES

DESCRIPTION OF WORK

A. A BRIEF DESCRIPTION OF WORK IS AS FOLLOWS:

1. TRUNCATED-DOMES AT CURB RAMPS (ANY CURB RAMP WITH SLOPES 5.0% AND STEEPER AND THE PATH LEADING ACROSS VEHICULAR TRAFFIC SHALL HAVE TRUNCATED-DOMES).

QUALITY ASSURANCE

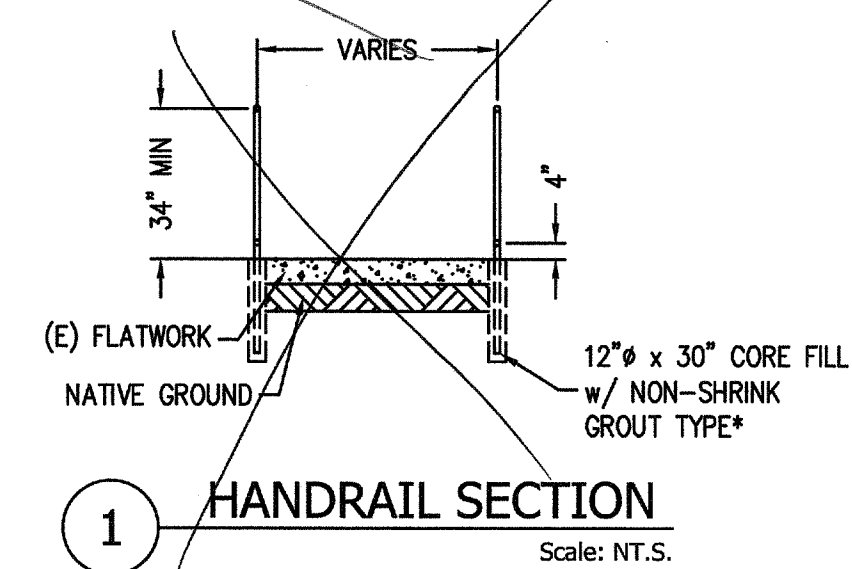
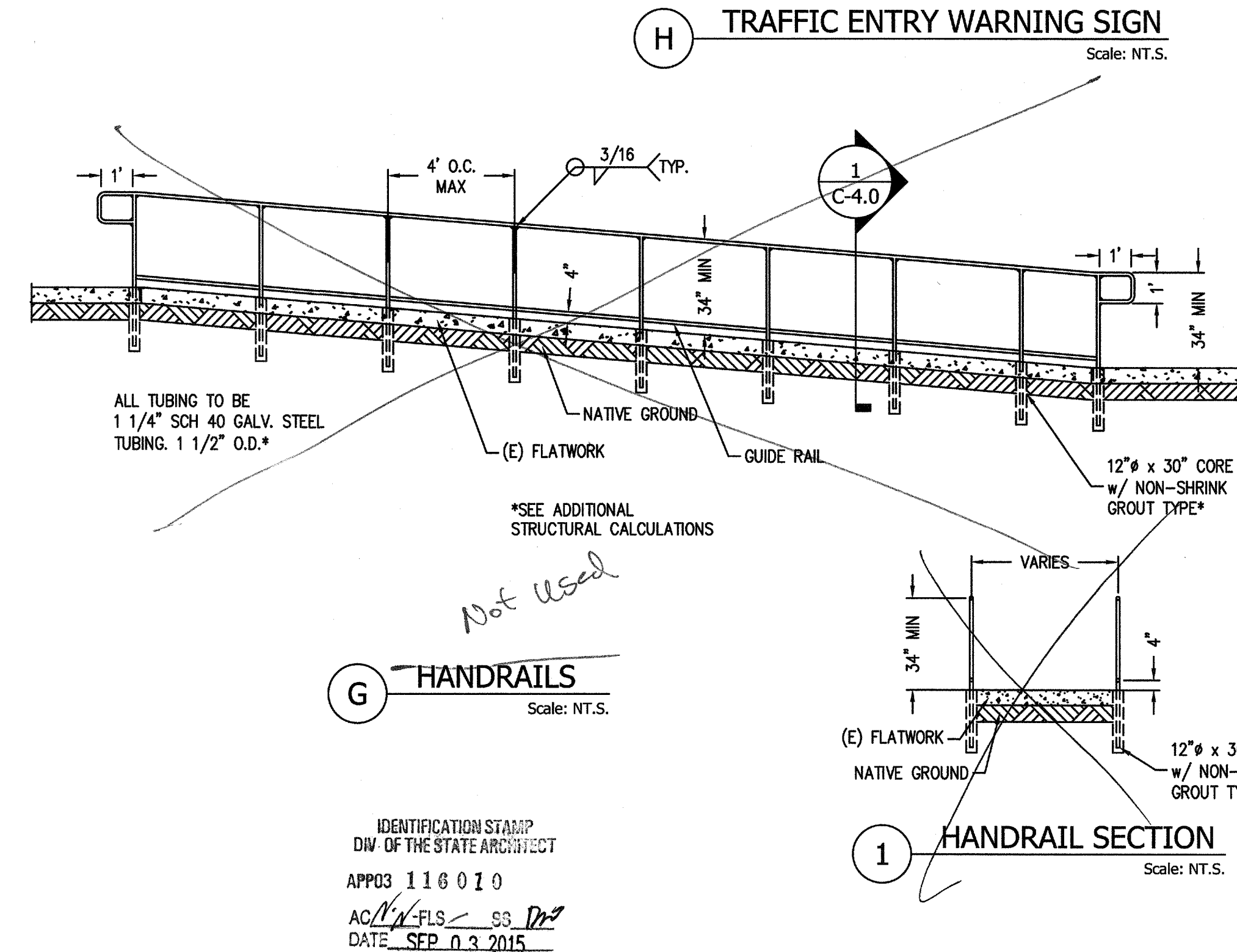
A. A.D.A. COMPLIANCE: PARKING SPACES FOR THE DISABLED SHALL BE MARKED ACCORDING TO C.B.C. SECTION 1129B.5. TACTILE WARNING LINES SHALL BE IN COMPLIANCE TO C.B.C. SECTION 1133B.8.5.

TRUNCATED IN-LINE DOMES AT ALL CURB RAMPS AND OTHER DESIGNATED LOCATIONS

- A. DOME GEOMETRY: IN ACCORDANCE WITH A.D.A. REGULATIONS; PART 1 - 4.29 AND CALIFORNIA TITLE 24 RAISED TRUNCATED DOMES WITH A DIAMETER OF 0.9", HEIGHT OF NOMINAL 0.2" AND CENTER-TO-CENTER SPACING OF 2.35".
- B. PANEL DIMENSIONS: 24" X 24" X 1/8". EACH PANEL HAS TWO AND SEVEN PRE-FORMED FASTENER LOCATIONS. A 36" WIDE X 12" MINIMUM PANEL AT THE BOTTOM OF A CURB RAMP IS REQUIRED. INSTALLATION SHALL BE RECESSED.
- C. MATERIAL: A HOMOGENEOUS GLASS AND CARBON REINFORCED COMPOSITION SHALL BE COLORFAST AND UV STABLE. PANEL COLOR SHALL BE UNIFORM THROUGHOUT THE PANEL. COMPOSITE PRODUCTS WITH PAINT COATINGS OR UV COATINGS ARE UNACCEPTABLE.
- D. INSTALLATION: TACTILE PANELS SHALL BE ADHERED TO RECESSED CONCRETE WITH EITHER THIN-SET MORTAR OR ONE COMPONENT STRUCTURAL URETHANE ADHESIVE. ADHESIVE COLOR SHALL MATCH PANEL. PANELS SHALL ALSO BE ATTACHED WITH MECHANICAL ANCHORS. FASTENERS SHALL BE 1/4" X 1-5/8" COMPOSITE SLEEVE ANCHOR WITH STAINLESS STEEL PINS. FASTENER COLOR SHALL MATCH PANEL.
- E. ADHESIVE: SONOBORN NP1, SIKAFLEX 1A.
- F. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS OF BY THE FOLLOWING MANUFACTURER. THE ARCHITECT AS DELINEATED IN DIVISION 0 BID AND AGREEMENT DOCUMENTS MUST REVIEW OTHER MANUFACTURERS.
 1. A.D.A. TACTILE SYSTEMS
 2. A.D.A. SOLUTIONS, INC.
 3. ARMOR TILE OR APPROVED EQUAL.
- G. REQUIREMENTS:

RESULTS	A.S.T.M.
COMPRESSIVE STRENGTH	23,800 PSI
FLEXURAL STRENGTH	24,600 PSI
WATER ABSORPTION	13% @ 2 WEEKS
SLIP RESISTANCE	EXCEEDS 0.80 WET OR DRY
FLAME SPREAD INDEX	15
SMOKE DEVELOPED	145
SALT SPRAY	NO CHANGE (120 HOURS)
CHEMICAL STAIN	NO DETEIORATION
ABRASIVE RESISTANCE	564
ACCELERATED WEATHERING	NO CHANGE (3,000 HOURS)
TENSILE STRENGTH	12,100 PSI
ROCKWELL HARDNESS	122
FREEZE/THAW/HEAT	NO DISINTEGRATION

COLOR: YELLOW



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
AP03 116010
AC 11/15/15 SS 02
DATE SEP 03 2015

BY: _____
REVISION: _____
NO. DATE: _____

CORNERSTONE ENGINEERING, INC.
208 OAK STREET
BAKERSFIELD, CA 93304
TEL: (805) 325-9474
FAX: (805) 325-9124
www.cornerstoneeng.com

KERN COMM. COLLEGE DIST.
2100 CHESTER AVENUE
BAKERSFIELD, CA 93301

**BAKERSFIELD COLLEGE
CAMPUS WIDE ADA PATH
OF TRAVEL PROJECT
DETAILS**

DESIGNER: JEM
CHECKED BY: DGW
DATE: 02-10-2015
DRAFTER: JEM
SCALE: AS SHOWN
COMP. NO: Path of Travel_GRD
JOB NO.: 387-05-00
SHEET 9 OF 9

SITE DEMOLITION

PART 1 - GENERAL

1.1 SUMMARY

A. INCLUSIONS

1. Provisions set forth in Divisions 0 & 1.
2. Site Demolition;
 - a. Removal of all site improvements and installation obstructions as indicated on the construction drawings.
3. Back filling and site restoration;
4. Disposal of rubbish and debris off site;
5. Coordination of salvage material with Owner;
6. Barricades, signs, protective structures and devices;
7. Clean up.

B. RELATED SECTIONS:

1. Section 31 00 00 Earthwork

C. WORK BY OWNER

1. Items noted "NIC" (Not in Contract) including, but not limited to asbestos and contaminated soil abatement will be provided by separate Contractor.
 - a. Asbestos Abatement:
 - 1) No asbestos abatement is included in this scope of work.
 - b. Contaminated Soil Abatement:
 - 1) No contaminated soil abatement is in this scope of work.

1.1 SUBMITTALS

1. RECORD DRAWINGS:
 - a. Keep a record of the location and size of all capped pipe and/or conduit.
 - b. Submit record drawings per General Conditions.

1.2 QUALITY ASSURANCE

1. REGULATORY COMPLIANCE:
 - a. Work shall comply with applicable provisions of local and State safety and health ordinances.
 - i. Prior to start of any demolition, the County of Kern Environmental Health Services Department and Basic Compliance Engineering shall be given 48 hour notice by the Contractor.
 - b. Take out and maintain required permits, approvals and licenses necessary to legally complete this work.
 - c. Insure that subcontractors are properly licensed and have required permits to perform their work.

PART 3 - EXECUTION

3.1 EXAMINATION

1. Examine the demolition site to determine the extent of the work included in this Contract.
2. Accept the premises in the condition as found on the first day of work under this Contract.

3.2 PREPARATION

1. Notify utility companies concerning cut off or restoration of service or of relocation or modification of any such service that the work of this contract may require.
2. Protect and maintain in operation utility or sewer line that is required to remain operative during the period of this contract.

3.3 INSTALLATION OR APPLICATION

1. Furnish and maintain temporary construction, scaffolding, ladders, runways, hoists, etc.
2. Maintain a clean and safe work area and all other affected premises.
3. If hazardous materials are encountered during demolition operations, comply with applicable regulations, laws and ordinances concerning handling and protection against exposure or environmental pollution.
4. Notify Engineer immediately upon encountering hazardous materials.

3.4 PROTECTION OR ADJUSTMENTS

1. Enclose area of work with fence barricades.
2. The working area shall be kept securely locked at all times work is in progress.
3. Post signs and warnings devices necessary to exclude all persons except those directly connected with the work from work areas.
4. Protect adjacent buildings, shrubs, trees and lawns from damage.
5. Do not interfere with use of adjacent buildings or safe ingress or egress.
6. Use of explosives will not be permitted.

3.5 CLEANING OR REPAIR

1. Debris resulting from the work of this section shall be removed and hauled away from the site.
 - a. Debris and rubbish shall not be allowed to accumulate on the site.
2. All material generated by this work shall be disposed of properly outside the project limits in accordance with all applicable regulations, laws and ordinances.
 - a. Sprinkle loose material while being stored, handled, or loaded.
3. Do not burn rubbish at the site.

3.6 CONDITION OF FINISHED WORK

1. Trees and shrubs where indicated shall be removed along with their roots, stumps, etc.
2. Protections, tools, materials, plant apparatus and rubbish or debris shall be removed.
3. Existing areas to remain, public or private property, that may have been damaged, made dirty or otherwise disorderly as a result of his work shall be restored to good order.

3.7 SALVAGE

1. The Owner reserves the right to retain ownership of any equipment or fixtures removed from the property.
 - a. Removed equipment and fixtures shall be stored neatly in an area designated by the Owner for a period of 48 hours.
2. Place in neat piles or stacks.
3. Items that are not claimed by the Owner within the 48-hour time period shall be removed from the site and properly disposed.
4. Improvements or materials removed from the building shall not be transferred by sale, gift or in any manner whatsoever to the general public.
 - a. Sale or disposal to duly licensed contractors or material men is permitted.
5. Contractor shall assume all responsibilities arising out of such operation.
6. Items indicated to be removed but of salvageable value to the Contractor may be removed from structure as work progresses.
7. Transport salvaged items from site as they are removed. Storage of removed items on site will not be permitted.
8. Items or materials removed from the building shall not be transferred by sale, gift or in any manner whatsoever to the general public.
 - a. Sale or disposal to duly licensed contractors or material men is permitted.
 - b. Contractor shall assume all responsibilities arising out of such Operation.

-- END OF SECTION --

REINFORCING STEEL

PART 1 - GENERAL

1.1 SUMMARY

A. INCLUSIONS

1. Provisions set forth in Divisions 0 & 1.
2. Reinforcing steel work
 - a. Furnish, bend & install reinforcing steel for concrete work
 - b. Accessories for all reinforcing work.
3. Clean up

B. RELATED SECTIONS

1. Section 32 13 13: Concrete Pavement Sidewalks, Curbs and Gutters

PART 2 - PRODUCTS

2.1 MATERIAL

A. S Bars

1. Conform to ASTM A-615, Grade 60.
 - a. All reinforcing shall be new, clean, free from oil, dirt, loose mill scale, excessive rust, mortar, or other coatings that would destroy or reduce the bond.

PART 3- EXECUTION

3.1 PREPARATION

1. Before use, reinforcement shall be cleaned.
 - a. Materials are to be free of mortar, oil, dirt, loose mill scale and loose rust or other coatings that would destroy or reduce the bond.

3.2 INSTALLATION OR APPLICATION

1. BENDING
 - a. Conform to the "Manual of Standard Practice" of the American Concrete Institute and Concrete Reinforcing Steel Institute (CRSI).
 - b. Bars shall be bent cold.
 - c. Minimum bend diameters shall conform to ACI318.
 - d. Measure bend diameters on the inside of the bar.
 - e. MINIMUM DIAMETER OF BENDS

Bar Size	Min. Diameter
# 3 – 8	6 Bar Diameter
# 9 – 11	8 Bar Diameter
# 14 – 18	10 Bar Diameter
Stirrups or Ties	
#5 or smaller	4 Bar Diameter

2. PLACING

- a. Reinforcing shall be accurately placed in accordance with the drawings.
- b. Conform to CRS Requirements.
- c. Securely tied in position with at least No. 16 gage annealed wire at all bar intersections.
- d. Metal chairs and bolsters shall be used to hold all steel above the form bottoms at the proper distance.
- e. Metal spacers shall be used to secure the proper spacing of the steel.
- f. Pre-cast concrete blocks shall be used to support reinforcing steel off the ground in footings and off the soffit of concrete exposed to weather.
- g. The clear distance between parallel bars shall not be less than 1-1/2 times the bar diameter, but in no case less than 1-1/2" nor less than 1- 1/3 times the maximum size of coarse aggregate.

3. SPLICING

- a. Bars shall be placed in contact and wired together to maintain a clearance of not less than the minimum clear distance to the other bars and to the surface of the concrete.
- b. Stagger splices at least 4'-0".
- c. Splicing shall not be permitted without the approval of the Structural Engineer unless detailed on Structural Drawings.

4. MASONRY DOWELS

- a. Supervise and be responsible for the proper installation of reinforcing dowels into the concrete work.

3.3 QUALITY CONTROL

1. TOLERANCES

- a. Reinforcement shall be placed in specified positions meeting CRSI.
- b. Not less than the following tolerances:
 - 1) Depth: $\pm 1/4$ " for members 24" or less in depth.
 - 2) Depth: $\pm 1/2$ " for members greater than 24" in depth.
 - 3) Length: 1".

2. FIELD INSPECTION

- a. No materials shall be placed into the work until sampling, testing and certifications have been approved by the Architect or Structural Engineer.
- b. No work of this section shall be covered or concealed until inspected by the Engineer or his authorized representative.

3.4 CLEANING OR REPAIR

- 1. Remove from the site all surplus material, equipment and debris which are the results of these operations.

-- END OF SECTION --

JOINT SEALANT

PART 1 - GENERAL

1.1 SUMMARY

A. INCLUSIONS

1. Provisions set forth in Divisions 0 & 1;
2. Building related joint sealants;
3. Joint primer and filler;
4. Interior joint sealant required to prevent passage of moisture into wall assemblies or behind fixtures and built-in furnishings;
5. Surface preparation;
6. Application and curing;
7. Clean up.

B. RELATED SECTIONS

1. Section 32 13 13: Concrete Pavement, Sidewalks, Curbs and Gutters

C. PERFORMANCE REQUIREMENTS

1. The completed system shall form a positive barrier against passage of moisture.

1.2 SUBMITTALS

A. PRODUCT OR MATERIAL DATA

1. Manufacturer's Data
 - a. Submit a complete materials listing of items proposed to be installed under this section.
 - b. Submit data to demonstrate that all materials meet or exceed the specified requirements.
 - c. Submit product specifications, installation instructions, and manufacturer's recommendations for the materials that will be installed.

1.3 QUALITY ASSURANCE

A. WARRANTY

1. Provide a written guarantee to maintain sealant/caulking in a watertight condition for a minimum period of 2 years.

B. QUALIFICATIONS

1. Installer shall be thoroughly trained and experienced in the necessary skills required to perform this work.

C. DELIVERY STORAGE AND HANDLING

1. Deliver materials to the job site in original unopened containers with labels intact.
2. Store only under conditions recommended by the manufacturers.
3. Remove and dispose of material that has exceeded the shelf life recommended by its manufacturer.

PART 2 - PRODUCTS

2.1 MATERIALS

1. Concrete Horizontal Joint Sealant

- 1.1. Joint Sealant shall be two-part self-leveling polyurethane sealant for horizontal joints.
 - a. Conform to ASTM C 920, Type M, Grade P, Class 25 and Fed Spec. TT- S-00227E, Type I,
Class A:
 - 1) Tremco THC-900;
 - 2) Sonneborn Sonolastic SL 2;
 - 3) Or equal.

2. Concrete Vertical Joint Sealant:

- 2.1 Joint Sealant shall be two-part non-sag polyurethane sealant with plus or minus 25 percent joint movement capability for vertical joints.
 - a. Conform to ASTM C 920, Type M, Grade NS, Class 25 and Fed Spec. TT- S-00227E, Type II,
Class A:
 - 1) Sonneborn Sonolastic NP 2;
 - 2) Or equal.

3. Colors for each sealant shall be selected by the Engineer from manufacturers standard color range.

4. Primers shall be non-staining and specifically recommended for the type of installation by their manufacturer.

5. Backup materials shall be nonabsorbent and non-staining and specifically recommended for the type of installation by their manufacturer.

6. Bond prevention materials shall be recommended by the manufacturer for the sealant products used.

7. Materials, not specifically described, but necessary to complete this work, shall be first quality.

PART 3 - EXECUTION

3.1 EXAMINATION

1. Examine the areas and conditions under which work of this section will be performed.
 - 1.1 Correct conditions detrimental to the proper completion of the work.
 - 1.2 Do not proceed until unsatisfactory conditions have been corrected.

3.2 PREPARATION

1. Concrete
 - 1.2. Thoroughly clean surface.
 - 1.3. Sandblast or wire brush treated surfaces if required to obtain a clean smooth surface.
 - 1.4. Remove alliance and mortar from the joint cavity.

- 1.5. Insert approved backup material in the joint cavity to the depth required.
- 1.6. Surfaces shall be wiped clean and dry prior to application to insure proper adhesion.
- 1.7. Where the possibility of joint filler staining adjacent areas or materials exists, mask joints prior to application.
- 1.8. Do not remove masking tape before joints have been tooled and initial cure of joint filler has taken place.
- 1.9. Work stained due to failure of proper masking precautions will not be accepted.

3.3 INSTALLATION OR APPLICATION

1. INSTALLATION OF BACKUP MATERIAL

- 1.1. Compress the backup material 25% to 50%.
- 1.2. Avoid lengthwise stretching of the material.
- 1.3. Do not twist or braid backup stock.

2. PRIMING

- 2.1. Apply the primer in strict compliance with the manufacturer's Recommendations

3. BOND BREAKER INSTALLATION

- 3.1. Install a bond breaker where recommended by the manufacturer of the sealant.

4. INSTALLATION OF SEALANTS

- 4.1. Comply with manufacturers recommended width to height ratios.
- 4.2. Apply sealant under pressure to completely fill joints.
- 4.3. Completely mask joints where the appearance of sealant on adjacent surfaces would be objectionable.
- 4.4. Install the sealant in conformance with the manufacturer's recommendations.
- 4.5. Tool all joints to the profile shown or as directed by Architect.
- 4.6. Joints shall be left smooth, uniform, and free of voids or air bubbles.

3.4 PROTECTION OR ADJUSTMENT

1. Protect the work and materials of all other trades.

3.5 CLEANING OR REPAIR

1. Remove masking tape immediately after joints have been tooled and initial cure of joint filler has taken place.
2. Clean adjacent surfaces.
3. Use solvent or cleaning agent as recommended by the sealant manufacturer.

-- END OF SECTION --

CONCRETE PAVEMENT SIDEWALKS AND CURBS AND GUTTERS

PART 1 – GENERAL

1.1 SUMMARY

1. This section requires furnishing all material and equipment, and performing all labor for the installation, construction and testing of concrete pavement, sidewalks, curbs and gutters.

1.2 REFERENCES

2. The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only or within the California Department of Transportation Standard Specifications (2010) ("Caltrans").

CALTRANS

ST-1 California Department of Transportation Standard Specifications (2010) ("Caltrans").

AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO)

AASHTO M 182 (2005) Standard Specification for Burlap Cloth Made from Jute or Kenaf and Cotton Mats

ASTM INTERNATIONAL (ASTM)

ASTM A 185/A 185M (2006; E 2006) Standard Specification for Steel Welded Wire Reinforcement, Plain, for Concrete

ASTM A 615/A 615M (2006a) Standard Specification for Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement

ASTM C 143/C 143M (2005a) Standard Test Method for Slump of Hydraulic-Cement Concrete

ASTM C 171 (2003) Standard Specification for Sheet Materials for Curing Concrete

ASTM C 172 (2004) Standard Practice for Sampling Freshly Mixed Concrete

ASTM C 173/C 173M (2001e1) Standard Test Method for Air Content of Freshly Mixed Concrete by the Volumetric Method

ASTM C 231 (2004) Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method

ASTM C 309 (2006) Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete

ASTM C 31/C 31M (2006) Standard Practice for Making and Curing Concrete Test Specimens in the Field

ASTM C 920 (2005) Standard Specification for Elastomeric Joint Sealants

ASTM D 1751 (2004) Standard Specification for Preformed Expansion Joint Filler for Concrete Paving and Structural Construction (Nonextruding and Resilient Bituminous Types)

ASTM D 1752 (2004a) Standard Specification for Preformed Sponge Rubber Cork and Recycled PVC Expansion

ASTM D 5893 (2004) Cold Applied, Single Component, Chemically Curing Silicone Joint Sealant for Portland Cement Concrete Pavements

1.3 SUBMITTALS

1. Product Data

1.1. Concrete

- 1.1.1. Mix Designs: Submit for each concrete mix.
- 1.1.2. Include alternate mix designs when characteristics of materials, project conditions, weather, test results, or other circumstances warrant adjustments.
- 1.1.3. Mix design shall include: Project name, address, mix number, application and location on site, maximum slump and signature and stamp of licensed civil engineer responsible for mix design.
- 1.1.4. Copies of samples of delivery tickets for all types of concrete used in the construction. Deliver tickets shall include the mix design utilized as well as information describing the location (on site) and type of improvement to be constructed including the drawing number for the work involved (i.e. "southwest parking lot curb and gutter" or "CIP drainage structure in plaza area.") This information may be hand-annotated by the owner's representative at the time of delivery.

2. Test Reports

- 2.1. Copies of all test reports within 24 hours of completion of the test.

1.4 WEATHER LIMITATIONS

1. Placing Concrete Under Adverse Weather Conditions
2. Conform with the limitations and requirements as described in Section 40- 1.01C (8) of SP-1.

1.5 PLANT, EQUIPMENT, MACHINES, AND TOOLS

1. General Requirements
2. Plant, equipment, machines, and tools used in the work shall comply with the requirements of Section 90 of ST-1.

PART 2 - PRODUCTS

2.1 CONCRETE

1. Concrete shall conform to the requirements of Section 90 of ST-1. All concrete used under this section shall have a minimum 28-day compressive strength of 3000 psi.
2. The mix design shall be prepared by a registered Civil Engineer.
3. The aggregate blend shall be 1-1/2" or 1" per Section 90-3.04 at the discretion of the contractor.
4. Air Content:
 - 4.1 Mixtures shall have air content in conformance with Section 90 of ST-1.
 - 4.2 Slump- The concrete slump shall 2-1/2 to 4-1/2 inches.

2.2 JOINTS AND JOINT SEALANTS

1. Joint Filler and joint sealants shall conform to Section 40 of ST-1.

2.3 FORM WORK

1. Concrete forms shall comply with Section 40 and 73 of ST-1.
2. Sidewalk and Pavement Forms
 - 2.1. Sidewalk forms shall be of a height not less than the full depth of the finished sidewalk or pavement.
3. Curb and Gutter Forms
 - 3.1. Curb and gutter outside forms shall have a height not less than the full depth of the curb or gutter. The inside form of curb shall have batter as indicated and shall be securely fastened to and supported by the outside form. Rigid forms shall be provided for curb returns, except that benders or thin plank forms may be used for curb or curb returns with a radius of 3 m (10 feet) or more, where grade changes occur in the return, or where the central angle is such that a rigid form with a central angle of 90 degrees cannot be used. Back forms for curb returns may be made of 38 mm (1-1/2 inch) benders, for the full height of the curb, cleated together. In lieu of inside forms for curbs, a curb "mule" may be used for forming and finishing this surface, provided the results are approved.

2.4 CONCRETE CURING MATERIALS

1. Concrete curing materials shall conform to Section 90 of ST-1.

PART 3 - EXECUTION

3.1 SUBGRADE PREPARATION

1. The subgrade shall be constructed to the specified grade and cross section prior to concrete placement. Subgrade shall be placed and properly compacted in conformance with Section 40 of ST-1.
2. The subgrade shall be maintained in a smooth, compacted condition in conformity with the required section and established grade until the concrete is placed. The subgrade shall be in a moist condition when concrete is placed. The subgrade shall be prepared and protected to produce a subgrade free from frost when the concrete is deposited.

3.2 FORM SETTING

1. Forms shall be set to the indicated alignment, grade and dimensions. Forms shall be held rigidly in place by sufficient stakes on each form placed at intervals not to exceed 4 feet. Corners, deep sections, and radius bends shall have additional stakes and braces, as required. Clamps, spreaders, and braces shall be used where required to ensure rigidity in the forms. Forms shall be removed without injuring the concrete. Bars or heavy tools shall not be used against the concrete in removing the forms. Any concrete found defective after form removal shall be promptly and satisfactorily repaired. Forms shall be cleaned and coated with form oil

each time before concrete is placed. Wood forms may, instead, be thoroughly wetted with water before concrete is placed, except that with probable freezing temperatures, oiling is mandatory.

2. Sidewalks and Concrete Pavement:

Forms for sidewalks and concrete pavement areas shall be set with the upper edge true to line and grade with an allowable tolerance of 1/8 inch in any 10-foot-long section. After forms are set, grade (2% max. cross slope; 5% max. running slope; slopes exceeding shall be treated as ramps or reduced) and alignment shall be checked with a 10-foot straightedge. Side forms shall not be removed for 12 hours after finishing has been completed.

3. Curbs and Gutters:

The forms of the front of the curb shall be removed not less than 2 hours nor more than 6 hours after the concrete has been placed. Forms back of curb shall remain in place until the face and top of the curb have been finished, as specified for concrete finishing. Gutter forms shall not be removed while the concrete is sufficiently plastic to slump in any direction.

3.3 PLACEMENT AND FINISHING OF CONCRETE FOR SIDEWALK AND CONCRETE PAVEMENT

1. Formed Sidewalks and Pavement Areas:

Concrete shall be placed in the forms in one layer. When consolidated and finished, the sidewalks and concrete pavement areas shall be of the thickness indicated. After concrete has been placed in the forms, a strike-off guided by side forms shall be used to bring the surface to proper section to be compacted. The concrete shall be consolidated with an approved vibrator, and the surface shall be finished to grade with a strike off.

2. Concrete Finishing:

After straight edging, when most of the water sheen has disappeared, and just before the concrete hardens, the surface shall be finished with a wood float or darby to a smooth and uniformly fine granular or sandy texture free of waves, irregularities, or tool marks. A scored surface shall be produced by brooming with a fiber-bristle brush in a direction transverse to that of the traffic, followed by edging.

3. Texturing and Finishing:

3.1. Before the surface sheen has disappeared and before the concrete hardens, the surface of the pavement shall be given a texture as shown on the Landscape (Hardscape) drawings.

3.2. If no such texturing or scoring is shown, finish concrete surfaces as described herein:

3.3. Following initial texturing on the first day of placement, the Placing Foreman, Engineer representative, and a representative of the School District shall inspect the texturing for compliance with design requirements.

3.4. After curing is complete, all textured surfaces shall be thoroughly power broomed to remove all debris.

3.5. Any type of transverse texturing shall produce grooves in straight lines across each lane within a tolerance of plus or minus 1/2 inch of a true line. The concrete in areas of recesses

for tie-down anchors, lighting fixtures, and other outlets in the pavement shall be finished to provide a surface of the same texture as the surrounding area.

4. Broom Texturing – Walkways with Slopes less than 6%
 - 4.1. Surfaces with a slope of less than 6-percent slope shall be at least as slip-resistant as that described as a medium salted finish. The slip- resistant texturing may be obtained by medium broom texturing as follows:
 - 4.1.1. Surface texture shall be applied using a mechanical stiff bristle broom drag of a type that will uniformly score the surface transverse to the sloped direction of travel of the pavement (as shown on the drawings).
 - 4.2. The broom shall be capable of traversing the full width of the pavement in a single pass at a uniform speed and with a uniform pressure. Successive passes of the broom shall be overlapped the minimum necessary to obtain a uniformly textured surface. The scores should be uniform in appearance and approximately 1/16 inch in depth but not more than 1/8 inch in depth.
 - 4.3. Hand brooming will be permitted only on isolated odd shaped pieces or pieces where hand finishing is permitted.
5. Broom Texturing - Walkways with Slopes greater than or equal to 6%
 - 5.1. Surfaces with a slope of 6-percent or greater shall be slip resistant. The slip-resistant texturing may be obtained by a heavy broom texturing similar as described in sub-paragraph 3 above except that the scoring shall be approximately.
6. Edge and Joint Finishing

All edges, including those at formed joints, shall be finished with an edger having a radius of 1/8 inch. Transverse joint shall be edged before brooming, and the brooming shall eliminate the flat surface left by the surface face of the edger. Corners and edges which have crumbled and areas which lack sufficient mortar for proper finishing shall be cleaned and filled solidly with a properly proportioned mortar mixture and then finished.
7. Surface and Thickness Tolerances

Finished surfaces shall not vary more than 5/16 inch from the testing edge of a 10-foot straightedge. Permissible deficiency in section thickness will be up to 1/4 inch.

3.4 CURB AND GUTTER CONCRETE PLACEMENT AND FINISHING

2. Formed Curb and Gutter

Concrete shall be placed to the section required in a single lift. Consolidation shall be achieved by using approved mechanical vibrators. Curve shaped gutters shall be finished with a standard curb "mule".
3. Curb and Gutter Finishing

Approved slip-formed curb and gutter machines may be used in lieu of hand placement.

4. Concrete Finishing

Exposed surfaces shall be floated and finished with a smooth wood float until true to grade and section and uniform in texture. Floated surfaces shall then be brushed with a fine-hair brush with longitudinal strokes. The edges of the gutter and top of the curb shall be rounded with an edging tool to a radius of 1/2 inch. Immediately after removing the front curb form, the face of the curb shall be rubbed with a wood or concrete rubbing block and water until blemishes, form marks, and tool marks have been removed. The front curb surface, while still wet, shall be brushed in the same manner as the gutter and curb top. The top surface of gutter and entrance shall be finished to grade with a wood float.

5. Joint Finishing

Curb edges at formed joints shall be finished as indicated.

6. Surface and Thickness Tolerances.

Finished surfaces shall not vary more than 1/4 inch from the testing edge of a 10- foot straightedge. Permissible deficiency in section thickness will be up to 1/4 inch.

3.5 SIDEWALK AND CONCRETE PAVEMENT JOINTS

1. Sidewalk and concrete pavement joints shall be constructed to divide the surface into rectangular areas. The joint pattern and types shall be as shown on the Landscape Engineer's drawings.
2. Transverse weakened plane joints shall be spaced at a distance equal to the sidewalk width or at 5 feet on centers, whichever is less, and shall be continuous across the slab. Longitudinal weakened plane joints shall be constructed along the centerline of all sidewalks 10 feet or more in width. Transverse expansion joints shall be installed at sidewalk and pavement returns and opposite expansion joints in adjoining curbs. Where the sidewalk is not in contact with the curb, transverse expansion joints shall be installed as indicated. Expansion joints shall be formed around structures, utilities and other features that project through or into the sidewalk pavement, using joint filler of the type, thickness, and width indicated. Expansion joints are not required between sidewalks and curb that abut the sidewalk longitudinally.
3. Weakened Plane Joints:
 - 3.1. The weakened plane joints shall be formed in the fresh concrete by cutting a groove in the top portion of the slab to a depth of at least one-fourth of the sidewalk slab thickness, using a jointer to cut the groove, or by sawing a groove in the hardened "green" concrete with a power-driven saw, unless otherwise approved. Sawed joints shall be constructed by sawing a groove in the concrete with a 1/8 inch blade to the depth indicated. An ample supply of saw blades shall be available on the job before concrete placement is started, and at least one standby sawing unit in good working order shall be available at the jobsite at all times during the sawing operations.

4. Expansion Joints:

Expansion joints shall be formed with 1/2 inch joint filler strips. Joint filler in expansion joints surrounding structures and features within the sidewalk may consist of preformed filler material conforming to ASTM D 1752 or building paper. Joint filler shall be held in place with steel pins or other devices to prevent warping of the filler during floating and finishing. Immediately after finishing operations are completed, joint edges shall be rounded with an edging tool having a radius of 3 mm (1/8 inch), and concrete over the joint filler shall be removed. At the end of the curing period, expansion joints shall be cleaned and filled with cold-applied joint sealant. Joint sealant shall be gray or stone in color. The joint opening shall be thoroughly cleaned before the sealing material is placed. Sealing material shall not be spilled on exposed surfaces of the concrete. Concrete at the joint shall be surface dry and atmospheric and concrete temperatures shall be above 10 degrees Celsius (50 degrees Fahrenheit) at the time of application of joint sealing material. Excess material on exposed surfaces of the concrete shall be removed immediately and concrete surfaces cleaned.

3.6 CURB AND GUTTER JOINTS

1. Curb and gutter joints shall be constructed at right angles to the line of curb and gutter.

2. Weakened Plane Joints:

2.1. Weakened plane joints shall be constructed directly opposite weakened plane joints in abutting Portland cement concrete pavements and spaced so that monolithic sections between curb returns will not be less than 5 feet nor greater than 15 feet in length.

2.2. Weakened plane joints (except for slip forming) shall be constructed by means of 1/8 inch thick separators and of a section conforming to the cross section of the curb and gutter. Separators shall be removed as soon as practicable after concrete has set sufficiently to preserve the width and shape of the joint and prior to finishing.

2.3. When slip forming is used, the weakened plane joints shall be cut in the top portion of the gutter/curb hardened concrete in a continuous cut across the curb and gutter, using a power-driven saw. The depth of cut shall be at least one-fourth of the gutter/curb depth and 1/8 inch in width.

3. Expansion Joints:

Expansion joints shall be formed by means of preformed expansion joint filler material cut and shaped to the cross section of curb and gutter. Expansion joints shall be provided in curb and gutter directly opposite expansion joints of abutting Portland cement concrete pavement, and shall be of the same type and thickness as joints in the pavement. Where curb and gutter do not abut Portland cement concrete pavement, expansion joints at least 1/2 inch in width shall be provided at intervals not less than 30 feet nor greater than 120 feet. Expansion joints shall be provided in non-reinforced concrete gutter at locations indicated. Expansion joints shall be sealed immediately following curing of the concrete or as soon thereafter as weather conditions permit. Expansion joints and the top 1 inch depth of curb and gutter weakened plane- joints shall be sealed with joint sealant. The joint opening shall be thoroughly cleaned before the sealing material is placed. Sealing material shall not be spilled on exposed surfaces of the concrete. Concrete at the joint shall be surface dry and atmospheric and concrete

temperatures shall be above 50 degrees F at the time of application of joint sealing material. Excess material on exposed surfaces of the concrete shall be removed immediately and concrete surfaces cleaned.

3.7 CURING AND PROTECTION

1. General Requirements:

- 1.1. Concrete shall be protected against loss of moisture and rapid temperature changes for at least 7 days from the beginning of the curing operation. Unhardened concrete shall be protected from rain and flowing water. All equipment needed for adequate curing and protection of the concrete shall be on hand and ready for use before actual concrete placement begins.
- 1.2. Protection shall be provided as necessary to prevent cracking of the pavement due to temperature changes during the curing period.

2. Mat Method:

The entire exposed surface shall be covered with 2 or more layers of burlap. Mats shall overlap each other at least 6 inches. The mat shall be thoroughly wetted with water prior to placing on concrete surface and shall be kept continuously in a saturated condition and in intimate contact with concrete for not less than 7 days.

3. Impervious Sheeting Method:

The entire exposed surface shall be wetted with a fine spray of water and then covered with impervious sheeting material. Sheets shall be laid directly on the concrete surface with the light-colored side up and overlapped 12 inches when a continuous sheet is not used. The curing medium shall not be less than 18-inches wider than the concrete surface to be cured, and shall be securely weighted down by heavy wood planks, or a bank of moist earth placed along edges and laps in the sheets. Sheets shall be satisfactorily repaired or replaced if torn or otherwise damaged during curing. The curing medium shall remain on the concrete surface to be cured for not less than 7 days.

4. Membrane Curing Method:

A uniform coating of white-pigmented membrane-curing compound shall be applied to the entire exposed surface of the concrete as soon after finishing as the free water has disappeared from the finished surface. Formed surfaces shall be coated immediately after the forms are removed and in no case longer than 1 hour after the removal of forms. Concrete shall not be allowed to dry before the application of the membrane. If any drying has occurred, the surface of the concrete shall be moistened with a fine spray of water and the curing compound applied as soon as the free water disappears. Curing compound shall be applied in two coats by hand-operated pressure sprayers at coverage of approximately 200 square feet/gallon for the total of both coats. The second coat shall be applied in a direction approximately at right angles to the direction of application of the first coat. The compound shall form a uniform, continuous, coherent film that will not check, crack, or peel and shall be free from pinholes or other imperfections. If pinholes, abrasion, or other discontinuities exist, an additional coat shall be applied to the affected areas within 30 minutes. Concrete surfaces that are subjected to heavy

rainfall within 3 hours after the curing compound has been applied shall be replayed by the method and at the coverage specified above. Areas where the curing compound is damaged by subsequent construction operations within the curing period shall be re-sprayed. Necessary precautions shall be taken to insure that the concrete is properly cured at sawed joints, and that no curing compound enters the joints. The top of the joint opening and the joint groove at exposed edges shall be tightly sealed before the concrete in the region of the joint is re-sprayed with curing compound. The method used for sealing the joint groove shall prevent loss of moisture from the joint during the entire specified curing period. Approved standby facilities for curing concrete pavement shall be provided at a location accessible to the jobsite for use in the event of mechanical failure of the spraying equipment or other conditions that might prevent correct application of the membrane-curing compound at the proper time. Concrete surfaces to which membrane-curing compounds have been applied shall be adequately protected during the entire curing period from pedestrian and vehicular traffic, except as required for joint-sawing operations and surface tests, and from any other possible damage to the continuity of the membrane.

5. Backfilling:

After curing, debris shall be removed and the area adjoining the concrete shall be backfilled, graded, and compacted to conform to the surrounding area in accordance with lines and grades indicated.

6. Protection:

Completed concrete shall be protected from damage until accepted. The Contractor shall repair damaged concrete and clean concrete discolored during construction. Concrete that is damaged shall be removed and reconstructed for the entire length between regularly scheduled joints. Refinishing the damaged portion will not be acceptable. Removed damaged portions shall be disposed of as directed.

7. Protective Coating:

Protective coating, of linseed oil mixture, shall be applied to the exposed-to-view concrete surface after the curing period, if concrete will be exposed to de-icing chemicals within 6 weeks after placement. Concrete to receive a protective coating shall be moist cured.

8. Application:

Curing and backfilling operation shall be completed prior to applying two coats of protective coating. Concrete shall be surface dry and clean before each application. Coverage shall be by spray application at not more than 50 square yards/gallon for first application and not more than 70 square yards/gallon for second application, except that the number of applications and coverage for each application for commercially prepared mixture shall be in accordance with the manufacturer's instructions. Coated surfaces shall be protected from vehicular and pedestrian traffic until dry.

9. Precautions:

Protective coating shall not be heated by direct application of flame or electrical heaters and shall be protected from exposure to open flame, sparks, and fire adjacent to open containers or applicators. Material shall not be applied at ambient or material temperatures lower 50 degrees F.

3.8 SURFACE FINISHES

1. General Requirements:

Except as otherwise described in Section 3.3 above, surface finishes for curb and gutter and other miscellaneous concrete shall be in accordance with Section 73 of SP-1.

3.9 FIELD QUALITY CONTROL

1. General Requirements:

The Contractor shall comply with the quality control and testing requirements identified in Sections 40 and 73 of ST-1, depending upon the structure.

-- END OF SECTION --