

**CONTRACT DOCUMENTS/SPECIFICATIONS FOR**  
**SALINA REGIONAL AIRPORT**  
**PROJECT**

**Terminal Building South Overflow Parking Lot**



**Salina, Kansas**

**April 2022**

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## SECTION 1

### NOTICE TO BIDDERS

#### SALINA AIRPORT AUTHORITY

#### SALINA AIRPORT INDUSTRIAL CENTER

**Project Name:** Terminal Building South Overflow Parking Lot

Sealed bids subject to the conditions and provisions presented herein will be received until 2 PM CST on April 11, 2022, and then publicly opened and read at **Salina Airport Authority (SAA), Hangar 600, 1st floor Conference Room, 2720 Arnold Ct., Salina, Kansas 67401**, for furnishing all labor, materials and equipment and performing all work necessary to construct the Terminal Building South Overflow Parking Lot.

Plans and Specifications are on file and may be examined at the office of the **Executive Director, Salina Airport Authority, M.J. Kennedy Air Terminal Building No. 120, 3237 Arnold, Salina, KS 67401**. For questions concerning the Plans and Specifications or to schedule a walk-through of the property contact Maynard Cunningham with the Salina Airport Authority, 785-827-3914.

A complete set of bid documents may be obtained from the Salina Airport Authority, 3237 Arnold Avenue, Salina, KS 67401 for no fee. To receive a set of documents electronically visit the business opportunities link at [www.salinaairport.com](http://www.salinaairport.com) or email [maynardc@salair.org](mailto:maynardc@salair.org). To receive a paper copy, call the SAA Administrative Offices at 785-827-3914. ~~None of the charge will be refunded. When Plans and Specifications are ordered, they will be delivered by Federal Express.~~

**Contract Work Items:** This project will involve the work items and estimated quantities as per the Proposal Form. Prospective bidders are hereby advised that certain quantities indicated are approximate and are subject to change.

#### **Contract Time**

The owner has established a contract performance time of no more than forty-five (45) calendar days from the date of the Notice-to-Proceed. All project work shall be substantially completed within the stated timeframe. This project is subject to liquidated damages as prescribed within the project manual in the Proposal Section.

#### **Bid Security**

Each proposal must be accompanied by a bid guaranty in the amount of five (5) percent of the total amount of the bid. The bid guaranty may be by certified check or bid bond made payable to **Salina Airport Authority**.

## **Bonding Requirements**

The successful bidder will be required to furnish surety as follows:

Performance Bond: A contract bond to the Owner, in an amount equal to 100 percent (100%) of the Contract Price.

Payment Bond: A payment bond to the Owner in an amount equal to 100 percent (100%) of the Contract price.

The bonds shall be executed in three (3) counter parts on the forms bound herein, signed by a surety company authorized to do business in the State of Kansas and acceptable as surety to the owner.

## **Award of Contract**

All proposals submitted in accordance with the instructions presented herein will be subject to evaluation. Bids may be held by the **Salina Airport Authority** for a period not to exceed Sixty (60) days from the date of the bid opening for the purpose of conducting the bid evaluation.

Award of contract will be based on the lowest aggregate sum proposal submitted from those bidders that are confirmed as being responsive and responsible. The right is reserved, as the **Salina Airport Authority** may require, to reject any and all bids and to waive any informality in the bids received.

~~The Mitigation Work is subject to the availability of grant funding and the Authority may choose to only award the Pre-disaster Work items if funding does not appear favorable for the Mitigation Work items.~~

## **Additional Provisions**

Modification to the project documents may only be made by written addendum by the Owner or Owner's authorized Representative.

The Proposal must be made on the forms provided within the bound project manual. ~~and shall not be removed from the bound documents. Proposals submitted separate from the bound documents will be considered irregular and will be eligible for rejection.~~ Bidders must supply all required information prior to the time of the bid opening.

## **Submittal of Proposals**

Additional information and instructions for submittal of a proposal are provided within the Instructions-to-Bidders.



## SECTION 2

### INSTRUCTIONS TO BIDDERS

#### **Owner and Owner's Representative**

The Owner as stated herein refers to the following agency **Salina Airport Authority.**

The Owner's authorized representative as stated herein refers to the Owner's Director of Facilities and Construction, Maynard Cunningham, herein referred to as Engineer with offices at 3237 Arnold Ave., Salina, KS 67401, Telephone 785-827-3914 (Office); 785-342-4324 (Cell)

#### **Bidder Representations**

By submittal of a proposal (bid), the BIDDER represents the following:

- The Bidder has read and thoroughly examined the project documents
- The Bidder has a complete understanding of the terms and conditions required for the satisfactory performance of project work.
- The Bidder has fully informed themselves of the project site, the project site conditions and the surrounding area.
- The Bidder has correlated their observations with that of the project documents.
- The Bidder has found no errors, conflicts, ambiguities, or omissions in the project documents, except as previously submitted in writing to the owner that would affect cost, progress or performance of the work.
- The Bidder is familiar with all applicable Federal, State, and local laws, rules and regulations pertaining to execution of the contract and the project work.
- The Bidder has complied with all requirements of these instructions and the associated bid documents.

#### **Bid Documents/Project Manual**

The bid documents are comprised of the following: Notice-to-Bidders, Instructions-to-Bidders, ~~General Provisions~~, Supplementary Provisions, Technical Specifications, Project Drawings, Proposal Form ~~with attachments~~, Form of Contract Agreement, any authorized addenda issued by the Owner and any document incorporated in whole or in part by reference therein.

All documents comprising the Bid Documents are complementary to one another and together establish the complete terms, conditions, and obligations of the successful Bidder.

Those individual elements of the Contract Documents that are bound together shall also be referred to as the Project Manual. No part of the project manual that is bound may be removed or detached.

Prospective Bidders may obtain a copy of the project manual and project drawings from the designated office identified within the Notice-to-Bidders.

#### **Modifications to Project Documents**

Modifications to the project documents may only be made by written addendum issued by the Owner or the Engineer. Verbal explanations, interpretations or comments made by the Owner or Owner's representative shall not be binding. Addenda will be transmitted to all known official plan holders. Each bidder shall certify at the time of bid submittal that they acknowledge receipt of all issued addenda.

### **Errors and Discrepancies in Project Documents**

Should the Bidder find an error, discrepancy, ambiguity or omission in the project documents prior to submittal of a proposal, the Bidder is obligated to contact the Owner or Engineer with written notice of the error, discrepancy, ambiguity or omission. The written notice shall identify the nature and location of the error, discrepancy, ambiguity, or omission. Corrections or modifications to the project documents will only be made by written addendum as prescribed herein. By submittal of a Bid Proposal, the Bidder represents that they have thoroughly reviewed the project documents and that they have not identified any error, discrepancy, ambiguity or omission that would affect cost, progress or performance of the project work.

### **Clarifications and Interpretations**

A Bidder requiring a clarification or interpretation of the project documents shall make a written request to the Owner or Engineer. The Owner or Engineer must receive the written request a minimum of five (5) calendar days prior to the date of the bid opening.

### **Interpretations of Estimated Proposal Quantities**

An estimate of quantities of work to be done and materials to be furnished under these specifications is stated within the project manual. This estimate is a result of careful calculations and is believed to be correct. The estimated quantities are given only as a basis for comparison of proposals and the award of contract. The Owner does not expressly or impliedly agree that the actual quantities involved will correspond exactly with the estimated quantities. The Bidder shall not plead misunderstandings or deception because of such estimates of quantities, or of the character, location, or other conditions pertaining to the work. Payment to the Contractor will be made only for the actual quantities of work performed or materials furnished in accordance with the plans and specifications. It is understood that the quantities may be increased or decreased as hereinafter provided in the subsection titled "Alteration of Work and Quantities" of the general provisions without in any way invalidating the unit bid prices.

### **Examination of Plans, Specifications and Site Conditions**

As stated within the "Bidder Representations" and reaffirmed herein, the Bidder is expected to carefully examine the site of the proposed work, the proposal, drawings, specifications, terms and conditions of the proposed agreement and the form of agreement. The Bidder shall satisfy themselves as to the character, quality, and quantities of work to be performed, materials to be furnished and as to the requirements of the proposed contract. The submission of a proposal shall be prima facie evidence that the Bidder has made such examination and is satisfied as to the conditions to be encountered in performing the work and as to the requirements of the proposed contract, plans and specifications.

~~If applicable boring logs and other records of subsurface investigations and tests, as appropriate may be available for inspection by the Bidder. It is understood and agreed that such subsurface information, whether included in the project drawings, specifications or otherwise made available to the Bidder, was obtained and is intended for the owner's design and estimating purposes only. Such information has been made available for the convenience of all Bidders. It is further understood and agreed that the Bidder is solely responsible for all assumptions, deductions, or conclusions which he or she may make from his or her examination of the boring logs and other records of subsurface investigations and tests that are furnished by the Owner.~~

### **Issuance of Proposal Forms**

The Owner reserves the right to refuse to issue a proposal form to a prospective Bidder should the Bidder be in default for any of the following reasons:

Failure to comply with any pre-qualification regulations of the owner, if such regulations are cited or otherwise included, in the proposal as a requirement for bidding.

- a. Failure to pay, or satisfactory settle, all bills due for labor and materials on former contracts in force (with the owner) at the time the owner issues the proposal to a prospective Bidder.

- b. Contractor default under previous contracts with the owner
- c. Unsatisfactory work on previous contracts with the owner

### **Form of Proposal**

All bid proposals shall be made on the forms provided by the Owner within the bound Project Manual. No Bidder may submit more than one proposal. All proposals are to be written in ink and shall be clearly legible. All blank spaces in the proposal forms shall be legibly completed for each and every bid item. The Bidder shall not qualify any bid item. The Bidder shall initial any erasures and alterations made on the proposal form by the Bidder.

The Bidder shall state the price of their bid in U.S. dollars and cents in ~~both written~~ and numeral format. In the event of a discrepancy, the written value will take precedence.

### **Signature of Proposal**

The proposal shall be signed and dated by an authorized representative of the Bidder. All signatures shall be made with an ink pen. The Bidder's representative shall have the legal authority to obligate and bind the Bidder to the terms and conditions of the contract. The Bidder shall legibly state the name of the Bidder's representative, the legal name of the Bidder, the address of the Bidder including City, State and Zip Code, and the telephone number of the Bidder.

- For bids by corporations, an officer of the corporation shall sign the bid, the State of incorporation shall be identified, and the corporate seal affixed.
- For bids submitted by an agent, evidence of the power of attorney shall be attached to the bid.
- For bids submitted by a partnership or joint venture, the proposal shall identify the name of all firms and the authorized parties of all firms. A copy of the partnership/joint-venture agreement shall be provided to the Owner as an attachment to the proposal.

### **Modification or Withdrawal of Bid Proposal**

Bidder may modify or withdraw their proposal at any point up to the specified time and date identified for receipt of proposals. Any request for bid withdrawal or modification by the Bidder that is received after the specified time and date for receipt of proposals will be returned unopened to the sender.

Any modification to a Bidder's proposal, subject to the time constraint noted herein, must be made on the proposal forms contained in the project manual. The Bidder's authorized representative must sign the modification. The modification shall be placed in a sealed envelope and the statement "Modification to Proposal" shall be legibly marked in the upper left-hand corner. Withdrawal of a proposal may be made, subject to the time constraint noted herein, only with written confirmation under signature of the Bidder.

### **Bid Guaranty**

Each bid proposal shall be accompanied by a bid guaranty in the amount of five percent (5%) of the total amount of the bid. The bid guaranty may be by bid bond or certified check made payable to the Owner. The bid bond shall be from a responsible surety qualified to conduct business within the State of **Kansas** a certified check shall be issued from a responsible and solvent bank or trust company.

### **Bidder Qualifications**

~~Each Bidder shall furnish the owner satisfactory evidence of their competency and financial capability to perform the proposed work. The Bidder shall demonstrate that they are a responsible firm that possesses the skills, abilities, and integrity to faithfully perform the project work. Evidence of competency shall consist of statements covering the Bidder's past experience on similar work, a listing of plant and equipment immediately available for use on the project, and a listing of key personnel that~~

~~are available for the project. The listing for plant and equipment shall identify the type, the capacity and the present condition of the item.~~

~~Evidence of financial responsibility shall consist of a confidential statement or report of the Bidder's financial resources and liabilities as of the last calendar year. A public accountant must certify such statements and reports. If the Bidder is presently pre-qualified with the State Highway agency, evidence of this pre-qualification may serve as evidence of financial responsibility in lieu of the certified financial statements and reports.~~

### **Alternate Bids**

The Bidder shall complete all blanks provided on the proposal forms. When so permitted by the Owner, the Bidder shall legibly write the statement "No Bid" for those alternate bid options that the Bidder elects not to submit a proposal.

### **Submission of Bid Proposal**

Proposals shall be sent to arrive at the specified time and date for receipt of bids. Proposals received after the specified time will not receive consideration and will be returned unopened. Proposals shall be enclosed in a sealed opaque envelope. Each proposal shall be addressed to the office location identified as follows:

**Executive Director  
Salina Airport Authority  
3237 Arnold  
Salina, Kansas 67401**

The upper left hand corner of the envelope shall be marked as follows:

#### **SEALED BID PROPOSAL**

Bid of \_\_\_\_\_  
for construction improvements at **Salina Airport Industrial Center**  
To be opened at: 2:00 p.m., Monday, April 11, 2022

For a modification to a previously submitted proposal, insert "MODIFICATION TO PROPOSAL" in place of "SEALED BID PROPOSAL".

### **Bid Opening**

All proposals submitted prior to the stated time and date for receipt of bids will be publicly opened and read aloud by the Owner or the Owner's representative. Bidders, their authorized agents, and other interested parties are invited to attend. Proposals submitted after the stated time and date for receipt of bids will be automatically rejected without consideration and will be returned unopened.

### **Evaluation of Proposals**

Proposals may be held by the Owner for purposes of review and evaluation by the Owner for a period not to exceed sixty (60) calendar days from the stated date for receipt of bids. The Owner's representative will tabulate all bids and verify proper extension of unit costs. The Bidder shall honor their proposal for the duration of this period of review and evaluation. The bid guaranty will be held by the Owner until this period of review has expired or a contract has been formally executed.

### **Bid Informalities and Irregularities**

The Owner reserves the right to waive any informality or irregularity discovered in any proposal, which in the owner's judgment best serves the Owner's interest. In the situation where an extension of a unit price is found to be incorrect, the stated unit price and correct extension will govern. In the event of a discrepancy between the written and numeral values, the written value shall take precedence.

### **Irregular Proposals**

Proposals meeting the following criteria are subject to consideration as being irregular:

1. If the proposal is on a form other than that furnished by the Owner or Owner's representative.
2. If the form furnished by the Owner or Owner's representative is altered ~~or detached from the original document.~~
3. If there are unauthorized additions, conditional or alternate pay items or irregularities of any kind that make the proposal incomplete, indefinite, or otherwise ambiguous.
4. If the proposal does not contain a unit price for each pay item listed in the proposal, except in the case of authorized pay items, for which the Bidder is not required to furnish a unit price.
5. If the proposal contains unit prices that are obviously unbalanced.
6. If the proposal is not accompanied by the bid guarantee specified herein.

### **Disqualification of Bid Proposals**

The Owner reserves the right to reject any or all bids, as determined to be in the best interest of the Owner.

Causes for rejection of proposals include but are not limited to:

- Submittal of an irregular proposal;
- Submittal of more than one proposal from the same partnership, firm or corporation;
- Failure by Bidder to submit the bid prior to the stated time and date for receipt of bids;
- Failure by Bidder to furnish satisfactory bid guarantee;
- Failure by Bidder to provide all information required of the bid forms;
- Failure by Bidder to comply with the requirements of bid instructions;
- ~~• Failure by the Bidder to demonstrate good faith efforts in obtaining participation by certified DBE firms;~~
- Determination by the Owner that Bidder is not qualified to accomplish the project work;
- Determination by the Owner that the Bidder has placed conditions on or qualified their proposal;
- Discovery of any alteration, interlineations or erasure of any project requirement by the Bidder;
- ~~• Inclusion of the Bidder on the "Excluded Parties Listing System" as maintained and published by the General Services Administration;~~
- Evidence of collusion among Bidders.

### **Cancellation of Award**

At any time prior to execution of a contract agreement, the Owner reserves the right to cancel the award for any reason without liability to the Bidder, with the exception of the return of the bid guaranty, at any time prior to execution of the contract.

### **Notice of Award of Contract**

It is the intent of the Owner, after a period of review and evaluation, to award a contract to the responsible Bidder that submits the lowest responsive proposal. The successful Bidder will be informed their bid has been accepted through the Owner's issuance of a Notice-of-Award. The Notice-of-Award shall not be construed as a binding agreement. The proper execution of a contract agreement shall serve as the binding agreement.

### **Return of Bid Guaranty**

The bid guaranty of the successful Bidder will be returned upon successful execution of the contract documents as specified herein. Failure by the successful Bidder to execute the contract documents within the specified time shall result in forfeiture of the bid guaranty. The bid guaranty of the second

and third lowest responsible Bidders will be retained for a period pending the execution of the contract documents by the successful Bidder.

Except as noted above, the bid guaranty of unsuccessful Bidders will be returned at the point their proposal is rejected.

### **Contract Agreement**

The successful Bidder shall execute the contract agreement in accordance with the accepted bid proposal within ten (10) calendar days of the date of the Notice-of-Award. Failure to execute the contract agreement within the specified time frame may result in the bid being awarded to the next low Bidder and shall result in the forfeiture of the Bidder's bid guarantee as a liquidated damage.

### **Performance and Payment Bonds**

The successful Bidder shall furnish separate performance and payment bonds each in the amount of 100% of the contract price. The bonds shall be made payable to the Owner as security for faithful performance of the contract and for the payment of all persons, firms or corporations to whom the Bidder may become legally indebted for labor, materials, tools, equipment or services in the performance of the project work. The form of the bond shall be that provided within the project manual. The current power of attorney for the person signing the bond as a representative of the surety shall be attached to the bonds.

The executed bonds shall be delivered to the Owner simultaneously with the delivery of the executed contract. The bonds shall be issued by a solvent Surety, which is certified to operate within the State the project work is located and which is listed in the current issue of the U.S. Treasury Circular 570. If specifically requested by the Owner, the successful Bidder shall obtain and submit information on the surety's financial strength rating.

### **Certificates of Insurance**

The successful Bidder shall furnish to the Owner all required certificates of insurance as specified with the project manual.

### **Approval of the Contract**

Upon receipt of the Contract Agreement, Contract Bonds and Certificate of Insurance as executed by the successful Bidder, the Owner will complete execution of the contract conditioned upon the Owner's judgment that it remains in their best interest to enter into the Agreement.

Delivery of the fully executed Contract Agreement to the successful Bidder shall constitute the Owner's approval to be bound by the successful Bidder's proposal and all terms and conditions of the Contract Agreement.

Upon satisfactory execution of the contract by the successful Bidder and the Owner, all references to "Bidder" in the bid documents become equivalent to the term "Contractor".

### **State Sales Tax on Materials and Supplies Purchased for Use on This Project**

The Salina Airport Authority will issue a State sales tax exemption certificate to the successful Bidder and the successful Bidder will not be required to pay State sales tax on materials and supplies purchased for use on this project. The successful Bidder will be responsible for payment of all other taxes.

## SECTION 3

### SUPPLEMENTARY PROVISIONS

These Supplementary Conditions amend and/or supplement the General Provisions of the Contract and other provisions of the Contract Documents as indicated herein. All contract provisions that are not so amended or supplemented remain in full force and effect.

#### STATE PROVISIONS

**60-1111**

##### **Chapter 60.--PROCEDURE, CIVIL**

##### **Article 11.--LIENS FOR LABOR AND MATERIAL**

**60-1111. Public works bond.** (a) *Bond by contractor.* Except as provided in this section, whenever any public official, under the laws of the state, enters into contract in any sum exceeding \$100,000 with any person or persons for the purpose of making any public improvements, or constructing any public building or making repairs on the same, such officer shall take, from the party contracted with, a bond to the state of Kansas with good and sufficient sureties in a sum not less than the sum total in the contract, conditioned that such contractor or the subcontractor of such contractor shall pay all indebtedness incurred for labor furnished, materials, equipment or supplies, used or consumed in connection with or in or about the construction of such public building or in making such public improvements.

A contract which requires a contractor or subcontractor to obtain a payment bond or any other bond shall not require that such bond be obtained from a specific surety, agent, broker or producer. A public official entering into a contract which requires a contractor or subcontractor to obtain a payment bond or any other bond shall not require that such bond be obtained from a specific surety, agent, broker or producer.

(b) *Filing and limitations.* The bond required under subsection (a) shall be filed with the clerk of the district court of the county in which such public improvement is to be made. When such bond is filed, no lien shall attach under this article. Any liens which have been filed prior to the filing of such bond shall be discharged. Any person to whom there is due any sum for labor or material furnished, as stated in subsection (a), or such person's assigns, may bring an action on such bond for the recovery of such indebtedness but no action shall be brought on such bond after six months from the completion of such public improvements or public buildings.

(c) In any case of a contract for construction, repairs or improvements for the state or a state agency under K.S.A. 75-3739 or 75-3741, and amendments thereto, a certificate of deposit payable to the state may be accepted in accordance with and subject to K.S.A. 60-1112, and amendments thereto. When such certificate of deposit is so accepted, no lien shall attach under this article. Any liens which have been filed prior to the acceptance of such certificate of deposit shall be discharged. Any person to whom there is due any sum for labor furnished, materials, equipment or supplies used or consumed in connection with or for such contract for construction, repairs or improvements shall make a claim therefor with the director of purchases under K.S.A. 60-1112, and amendments thereto.

**History:** L. 1963, ch. 303, § 60-1111; L. 1980, ch. 174, § 1; L. 1983, ch. 290, § 2; L. 1992, ch. 314, § 13; L. 1998, ch. 69, § 1; L. 2002, ch. 73, § 1; L. 2004, ch. 131, § 1; July 1.

## **LOCAL PROVISIONS**

**GENERAL DESCRIPTION.** These Supplementary Provisions with the accompanying Plans, Specifications and related documents as hereinafter listed cover the requirements of the Owner for construction of various improvements at the Salina Regional Airport. The Airport is in Salina, Kansas. The work consists of:

### **Terminal Building South Overflow Parking Lot**

**CONTRACT SPECIFICATIONS.** The Specifications which are bound herewith and which shall govern the materials furnished and the work to be performed in construction of the work under the Contract based thereon, are identified and indexed in the Table of Contents at the beginning of this volume of the Contract Documents.

**COPIES OF PLANS AND SPECIFICATIONS.** The Contractor will be furnished without cost to him hard copies as needed and an electronic copy of all Specifications and all Plans, together with any and all addenda thereto. The Contractor shall keep one copy of all such Specifications and Plans constantly accessible on the job site.

**LIQUIDATED DAMAGES.** Should the Contractor fail to complete the work within the required number of calendar days, or within such extra time as may have been allowed by extension, the Owner will deduct from any monies due or coming due the Contractor, the amount indicated in the Proposal for each calendar day that the work shall remain uncompleted. This sum shall be considered and treated not as a penalty but as fixed, agreed and liquidated damages due the Owner from the Contractor for reasons of inconvenience to the public, added cost of engineering, administration, supervision, inspection and other items which have caused an expenditure of public funds resulting from his failure to complete the work within the time specified in the Contract.

**DEFENSE OF SUITS.** In case any action at law or suit in equity is brought against the Owner or any officer or agent thereof, for or on account of the failure, omission, or neglect of the Contractor to do and perform any of the covenants, acts, matters, or things by this Contract undertaken to be done or performed, or for the injury or damage caused by the negligence or alleged negligence of the Contractor or his subcontractors or his or their agents, or in connection with any claim or claims based on the lawful demands of subcontractors, workmen, material men, or suppliers of machinery and parts thereof, equipment, power tools, and supplies incurred in the fulfillment of this Contract, the Contractor shall indemnify and save harmless the Owner and officers and agents of the Owner, of and from all losses, damages, costs, expenses, judgments, or decrees what ever arising out of such action or suit that may be brought as aforesaid.

**INSURANCE.** The Contractor shall secure, and maintain throughout the duration of this Contract, insurance of such types and in such amounts as may be necessary to protect himself against all hazards or risks of loss as hereinafter designated and specified. The form and limits of such insurance, together with the underwriter thereof in each case, shall be approved by the Owner but, regardless of such approval, it shall be the responsibility of the Contractor to maintain adequate insurance coverage at all times. Failure of the Contractor to maintain such coverage shall not relieve him of any contractual responsibility or obligation.

- a. If a part of the Contract work is to be sublet, the Contractor shall:



(1) Cover any and all subcontractors in his insurance policies, or

(2) Require each subcontractor not so covered to secure insurance which will protect said subcontractor against all applicable hazards or risks of loss designated herein.

b. Satisfactory certificates of insurance shall be filed *by the Contractor and all Subcontractors* with the Owner prior to starting any construction work for or in connection with this Contract. Said certificates shall state that thirty (30) day's written notice will be given the Owner before any policy covered thereby is changed or canceled.

c. Workmen's Compensation and Employers' Liability Insurance. This insurance shall protect the Contractor against any and all claims brought under the Workmen's Compensation Law for the state or states involved in work performed under this Contract. It shall also protect the Contractor against claims for injury to, disease or death of workmen engaged in work under this Contract which, for any reason, may not fall within the provisions of the Workmen's Compensation Act.

Workmen's Compensation	..... Statutory
Employers' Liability	\$500,000 (each accident)
	\$500,000 (disease-policy limit)
	\$500,000 (disease-each employee)

This policy shall include a Waiver of Subrogation in favor of the Owner.

d. Comprehensive General Liability Insurance. This insurance, to be on the comprehensive form, shall protect the Contractor against any and all claims arising from injuries to members of the public or damage to property of others arising out of any act or omission of the Contractor, his agents, employees or subcontractor, in connection with the operation or performance of the work for and in connection with this Contract. In addition, this general liability insurance policy shall specifically insure the contractual liability of the Contractor assumed under the foregoing Paragraph, "Defense of Suits".

The property damage liability coverage under this policy shall contain no exclusion relative to blasting, explosion, collapse of buildings, or damage to underground property.

The City of Salina and the Salina Airport Authority will be named additional insureds with respect to the work being performed by the Contractor under this policy.

Liability limits for general liability insurance coverage under this policy shall be not less than the following:

General Aggregate	..... \$2,000,000
Products and Completed Operations Aggregates	..... \$2,000,000
Personal Injury and Advertising Injury	..... \$1,000,000
Each Occurance	..... \$1,000,000
Fire Damage (any one fire)	..... \$ 100,000
Medical Payments (any one person)	..... \$ 5,000

e. Comprehensive Automobile Liability Insurance. This insurance, to be on the comprehensive form, shall protect the Contractor against any and all claims for injuries to members

of the public and damage to property of others arising from the use of automobiles and trucks in connection with the performance of work under this Contract, and shall cover the operation on or off the site of the work of all motor vehicles licensed for highway use, whether they are owned, non-owned, or hired by the Contractor. The policy shall include an "all states" endorsement.

Liability limits for automobile liability insurance coverage under this policy shall be not less than the following:

Combined Single Limit	\$1,000,000 each person
(Bodily Injury and Property Damage)	

**GENERAL GUARANTY.** Neither the final certificate of payment nor any provision in the Contract nor partial or entire use of the improvements embraced in this Contract by the Owner or the public shall constitute an acceptance of work not done in accordance with the Contract or relieve the Contractor of liability in respect to any express warranties or responsibility for faulty materials or workmanship. The Contractor shall promptly remedy any defects in the work and pay for any damage to other work resulting therefrom which shall appear within a period of 12 months from the date of final acceptance of the work. The Owner will give notice of defective materials and work with reasonable promptness. In the event repair work is required, the Contractor shall remedy any defects and pay for any damage to other work resulting therefrom which shall appear within a period of 12 months from the date of the acceptance of the repair work.

**EXTENSION OF CONTRACT TIME.** The Contractor is requested to bring to the attention of the Engineer, by letter, during the progress of the work, the occurrence of events which the Contractor considers may warrant extensions of time under the conditions of the Contract. If the Contract is not completed within the time stipulated, the Contractor shall at the conclusion of the work, present to the Engineer a written statement presenting his view upon all matters of time extensions.

The amount of all extensions of time for whatever reason granted shall be determined by the Engineer with due consideration given to working seasons and working conditions. In general, only actual and not hypothetical days of delay will be considered. The owner shall have authority to grant additional extensions of time as they may deem advisable and justifiable.

Promptly after the award of the Contract, the Contractor shall submit for approval to the Engineer a written program of construction outlining the proposed operations and the order of completion of the various parts in sufficient detail to demonstrate to the Engineer the adequacy of the progress to complete the construction within the time provided. No payment shall be made to the Contractor on any estimate until such a program has been submitted and approved.

Should it become evident at any time during construction that construction operations will or may fall behind the schedule of this first program of construction, the Contractor shall upon request promptly submit revised written schedules setting out operations, methods and equipment, added amount of labor, or of working shifts, night work, etc., by which lost time shall be made up, and shall confer with the Engineer until an approved modification of the original program shall have been secured. No payments on any estimates shall be made to the Contractor after such request is made until a modified program has been provided by the Contractor and approved by the Engineer. Execution of the work according to accepted program of construction, or approved modifications thereof, shall be an obligation of the Contract.

Should the Contractor fail to complete the work on the required calendar date as stipulated in the Proposal or within such extra time as may have been allowed by extension, the Engineer will deduct from any monies due or coming due the Contractor, the amount stipulated in the Proposal of said extension of same that the work shall remain uncompleted. This sum shall be considered and treated not as penalty but as fixed, agreed and liquidated damages due to the Owner from the Contractor by reason of interference with business, convenience to the public, added cost of engineering, administration, supervision and other items which have caused an expenditure of public funds resulting from his failure to complete the work within the time specified in the Contract.

Permitting the Contractor to continue and finish the work or any part of it after the time fixed for its completion, or after the date to which the time for completion may have been extended, shall in no way operate as a waiver on the part of the Owner of any of its rights under the Contract.

Neither by the act of taking over the work nor by the annulment of the Contract nor by requiring the Surety to complete the Contract shall the owner forfeit the right to recover liquidated damages from the Contractor or his Surety for failure to complete the Contract within the specified time.

**DUST CONTROL.** Adequate precaution should be taken to ensure that excessive dust does not become airborne during construction. No separate payment will be made for performing dust control or for the water used for this purpose, but the cost of these items shall be subsidiary to other items in the Contract.

**CONTRACTOR'S RESPONSIBILITY.** The Engineer's project representative shall not have responsibility for the construction site conditions, including safety, operations, equipment, or personnel other than employees of the Engineer. The Contractor is responsible to construct the project in conformance with the Plans and Specifications. The Contractor has the responsibility for safety, safety precautions and safety programs on the site. He has the responsibility and duty to provide a safe working environment for his employees or employees of others over whom he has supervision, direction and control as well as providing a safe environment for those who are required or are permitted to have access to the site including but not exclusive to engineer and owner personnel.

## PROPOSAL FORM

**TO:** Mr. Timothy Rogers, AAE  
Executive Director  
Salina Airport Authority  
Salina, KS

The undersigned, in compliance with the request for bids for construction of the following Project:

### **Terminal Building South Overflow Parking Lot**

hereby proposes to furnish all labor, permits, material, machinery, tools, supplies and equipment to faithfully perform all work required for construction of the Project in accordance with the project manual, project drawings and issued Addenda within the specified time of performance for the following prices:

Item No.	Item Description	Unit	Quantity	Unit Cost	Total Cost
	Contractor				
1	Construction Staking	Lump Sum			
2	Mobilization	Lump Sum			
	Earthwork				
3	Salvaging, Stockpiling, and Placing Topsoil	Sq. Yd.	7050		
4	6"(Assumed) Common Excavation of existing ground within the construction limits of Overflow Parking Lot and Driveway	Cu. Yd.	1264		
5	Common Excavation (material supplied by SAA, delivered by bidder)	Cu. Yd.	864		
6	Compaction of Earthwork Type B, MR-90	Cu. Yd.	165		
7	Compaction of Earthwork Type AA, MR-0-5	Cu. Yd.	550		
	Driveway #1, West Parking Entrance				
8	Driveway Concrete Pavement (6" Uniform) (AE)	Sq. Yd.	348		
9	Driveway #1 Curb and Gutter Combined) (AE)(TYPE II)	L.F.	93		
10	Driveway Base Material Crushed Concrete (material supplied by SAA, delivered by bidder)	Cu. Yd.	62		
11	18" x 54' RCP Pipe Culvert	Each	3		
12	2' RC End Sections	Each	3		
	Driveway #2, East Parking Entrance				
13	Driveway Concrete Pavement (6" Uniform) (AE)	Sq. Yd.	200		
14	Driveway #2 Curb and Gutter Combined) (AE)(TYPE II)	L.F.	87.5		

15	Driveway Base Material Crushed Concrete (Supplied by SAA)	Cu. Yd.	38		
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Item No.	Item Description	Unit	Quantity	Unit Cost	Total Cost
16	18" x 50' RCP Pipe	Each	3		
17	2' RC End Sections	Each	3		
	Parking Area				
18	Recycled Crushed Concrete (material supplied by SAA, delivered by bidder)	Cu. Yd.	1175		
	Erosion Control				
	Erosion Control	Lump Sum			
<b>Construction Costs</b>					
Payment & Performance Bond,					
Insurance					
Permits					
Architectural/Engineering Fees (if applicable)					
<b>Total Costs</b>					
Calendar Days to complete project (Target 45 or less)					

#### **ACKNOWLEDGEMENTS BY BIDDER**

- By submittal of a proposal, the BIDDER acknowledges and accepts that the quantities established by the OWNER are an approximate estimate of the quantities required to fully complete the Project and that the estimated quantities are principally intended to serve as a basis for evaluation of bids. The BIDDER further acknowledges and accepts that payment under this contract will be made only for actual quantities and that quantities will vary in accordance with the General Provisions subsection entitled "Alteration of Work and Quantities".
- The BIDDER acknowledges and accepts that the Bid Documents are comprised of the documents identified within the Instructions to Bidders. The BIDDER further acknowledges that each of the individual documents that comprise the Bid Documents are complementary to one another and together establishes the complete terms, conditions and obligations of the successful BIDDER.
- As evidence of good faith in submitting this proposal, the undersigned encloses a bid guaranty in the form of a certified check or bid bond in the amount of 5% of the bid price. The BIDDER acknowledges and accepts that refusal or failure to accept award and execute a contract within the terms and conditions established herein will result in forfeiture of the bid guaranty to the owner as a liquidated damage.
- The BIDDER acknowledges and accepts the OWNER'S right to reject any or all bids and to waive any minor informality in any Bid or solicitation procedure.

- e. The BIDDER acknowledges and accepts the OWNER'S right to hold all Proposals for purposes of review and evaluation and not issue a Notice-of-Award for a period not to exceed sixty (60) calendar days from the stated date for receipt of bids.
- f. The undersigned agrees that upon written notice of award of contract, he or she will execute the contract within ten (10) calendar days of the Notice-of-Award and furthermore will provide executed payment and performance bonds simultaneously with delivery of executed contract. The undersigned accepts that failure to execute the contract and provide the required bonds within the stated timeframe shall result in forfeiture of the bid guaranty to the owner as a liquidated damage.
- g. Time of Performance: By submittal of this proposal, the undersigned acknowledges and agrees to commence work within ten (10) calendar days of the date specified in the written "Notice-to-Proceed" as issued by the OWNER. The undersigned further agrees to complete the Project within forty-five (45) calendar days from the commencement date specified in the Notice-to-Proceed.
- h. The undersigned acknowledges and accepts that for each and every Calendar day the project remains incomplete beyond the contract time of performance, the Contractor shall pay the non-penal amount of \$500 per Calendar day as a liquidated damage to the OWNER.
- ~~i. The BIDDER, by submission of a proposal, acknowledges that award of this contract is subject to the provisions of the Davis Bacon Act. The BIDDER accepts the requirement to pay prevailing wages for each classification and type of worker as established in the attached wage rate determination as issued by the United States Department of Labor. The BIDDER further acknowledges and accepts their requirement to incorporate the provision to pay the established prevailing wages in every subcontract agreement entered into by the Bidder under this project.~~
- ~~j. Compliance Reports (41 CFR Part 60 1.7): Within 30 days after award of this contract, the Contractor/Subcontractor shall file a compliance report (Standard Form 100) if s/he has not submitted a complete compliance report within 12 months proceeding the date of award. This report is required if the Contractor/Subcontractor meets all of the following conditions:~~
  - ~~1. Contractors/Subcontractors are not exempt based on 41 CFR 60 1.5.~~
  - ~~2. Has 50 or more employees.~~
  - ~~3. Is a prime contractor or first tier subcontractor.~~
  - ~~4. There is a contract, subcontract, or purchase order amounting to \$50,000 or more~~
- k. The undersigned acknowledges receipt of the following addenda:
 

Addendum Number ____	dated _____	Received _____
Addendum Number ____	dated _____	Received _____
Addendum Number ____	dated _____	Received _____

## **REPRESENTATIONS BY BIDDER**

By submittal of a proposal (bid), the BIDDER represents the following:

- a. The BIDDER has read and thoroughly examined the bid documents including all authorized addenda.
- b. The BIDDER has a complete understanding of the terms and conditions required for the satisfactory performance of project work.

- c. The BIDDER has fully informed themselves of the project site, the project site conditions and the surrounding area.
- d. The BIDDER has familiarized themselves of the requirements of working on an operating airport and understands the conditions that may in any manner affect cost, progress, or performance of the work.
- e. The BIDDER has correlated their observations with that of the project documents.
- f. The BIDDER has found no errors, conflicts, ambiguities, or omissions in the project documents, except as previously submitted in writing to the owner that would affect cost, progress or performance of the work.
- g. The BIDDER is familiar with all applicable Federal, State and local laws, rules and regulations pertaining to execution of the contract and the project work.
- h. The BIDDER has complied with all requirements of these instructions and the associated project documents.

### **CERTIFICATIONS BY BIDDER**

- a. The undersigned hereby declares and certifies that the only parties interested in this proposal are named herein and that this proposal is made without collusion with any other person, firm or corporation. The undersigned further certifies that no member, officer or agent of OWNERS has direct or indirect financial interest in this proposal.

**b. Certification of Non-Segregated Facilities: (41 CFR Part 60-1.8)**

~~The BIDDER, as a potential federally assisted construction contractor, certifies that it does not maintain or provide, for its employees, any segregated facilities at any of its establishments and that it does not permit its employees to perform their services at any location, under its control, where segregated facilities are maintained. The BIDDER certifies that it will not maintain or provide, for its employees, segregated facilities at any of its establishments and that it will not permit its employees to perform their services at any location under its control where segregated facilities are maintained. The Bidder agrees that a breach of this certification is a violation of the Equal~~

~~Opportunity Clause, which is to be incorporated in the contract.~~

~~As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, restrooms, and washrooms, restaurants and other eating areas, timeclocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated on the basis of race, color, religion, or national origin because of habit, local custom, or any other reason. The Bidder agrees that (except where it has obtained identical certifications from proposed subcontractors for specific time periods) it will obtain identical certifications from proposed subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity Clause and that it will retain such certifications in its files.~~

**c. Trade Restriction Certification: (49 CFR Part 30)**

~~The Bidder, by submission of an offer certifies that it:~~

- ~~1. is not owned or controlled by one or more citizens of a foreign country included in the list of countries that discriminate against U.S. firms published by the Office of the United States Trade Representative (USTR);~~
- ~~2. has not knowingly entered into any contract or subcontract for this project with a person that is a citizen or national of a foreign country on said list, or is~~

- ~~owned or controlled directly or indirectly by one or more citizens or nationals of a foreign country on said list;~~
- ~~3. has not procured any product nor subcontracted for the supply of any product for use on the project that is produced in a foreign country on said list.~~

~~d. **Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion:** (49 CFR Part 29)~~

~~The Bidder certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency. It further agrees by submitting this proposal that it will include this clause without modification in all lower tier transactions, solicitations, proposals, contracts, and subcontracts. Where the Bidder or any lower tier participant is unable to certify to this statement, it shall attach an explanation to this solicitation/proposal.~~

~~e. **Buy American Certification:** (Title 49 U.S.C. Chapter 501)~~

~~By submitting a proposal under this solicitation, except for those items listed by the Bidder below or on a separate and clearly identified attachment to this bid/proposal, the Bidder certifies that steel and each manufactured product, are produced in the United States, as defined in the clause Buy American—Steel and Manufactured Products for Construction Contracts) and that components of unknown origin are considered to have been produced or manufactured outside the United States.~~

~~Bidder may obtain from the owner a listing of articles, materials and supplies excepted from this provision.~~

<b>Product</b>	<b>Country of Origin</b>

**ATTACHMENTS TO THIS BID**

The following documents are attached to and made a part of this Bid:

1. Bid Guaranty in the form of \_\_\_\_\_;
- ~~2. Evidence of BIDDER'S qualifications per the requirements of the Instructions to Bidders.~~



**SIGNATURE OF BIDDER**

**IF AN INDIVIDUAL:**

Name: \_\_\_\_\_

By: \_\_\_\_\_  
*(Signature of Individual)*

Doing Business as: \_\_\_\_\_

Business Address: \_\_\_\_\_

\_\_\_\_\_

Telephone Number: \_\_\_\_\_

**IF A PARTNERSHIP:**

Partnership Name: \_\_\_\_\_

By: \_\_\_\_\_  
*(Authorized Signature)*

*(Attach Evidence of Authority to sign as a Partnership)*

Name and Title: \_\_\_\_\_

Business Address: \_\_\_\_\_

\_\_\_\_\_

Telephone Number: \_\_\_\_\_

**IF A CORPORATION:**

Corporation Name: \_\_\_\_\_

By: \_\_\_\_\_  
*(Authorized Signature)*  
*(Attach Evidence of Authority to sign)*

Name and Title: \_\_\_\_\_

Business Address: \_\_\_\_\_

(CORPORATE SEAL)

Telephone Number: \_\_\_\_\_

ATTEST:

By: \_\_\_\_\_  
*(Authorized Signature)*

Name and Title: \_\_\_\_\_

**IF A JOINT VENTURE:** *(Attach copy of Joint Venture Agreement)*

Joint Venture Name: \_\_\_\_\_

By: \_\_\_\_\_  
*(Authorized Signature)*  
*(Attach Evidence of Authority to sign)*

Name and Title: \_\_\_\_\_

Business Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Joint Venture Name: \_\_\_\_\_

By: \_\_\_\_\_  
*(Authorized Signature)*  
*(Attach Evidence of Authority to sign)*

Name and Title: \_\_\_\_\_

Business Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

## PERFORMANCE BOND

Bond Number

PRINCIPAL *(Legal Name and Business Address)*

SURETY *(Legal Name and Business Address)*

STATE OF INCORPORATION

PENAL SUM OF BOND *(Expressed in words and numerals)*

CONTRACT DATE

### OBLIGATION

KNOW ALL PERSONS BY THESE PRESENTS, that the above named PRINCIPAL, hereinafter referred to and called CONTRACTOR, and the above named SURETY hereby bind themselves unto Salina Airport Authority, 3237 Arnold, Salina, KS 67401, as OBLIGEE, hereinafter referred to and called OWNER, in the penal sum stated above, in lawful money of the United States of America to be paid to OWNER. For payment of the penal sum, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

### WHEREAS,

CONTRACTOR has entered into the written contract agreement identified hereinabove with the OWNER for the following project:

Project Name: Terminal Building South Overflow Parking Lot

Project Location: Salina Regional Airport

which said contract and associated contract documents, including any present or future amendment thereto, is incorporated herein by reference and is hereinafter referred to as the Contract.

### CONDITION

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that, if CONTRACTOR shall promptly and faithfully perform all undertakings, covenants, terms, conditions and agreements of the Contract during the original term of the Contract and any extensions thereof that are granted by the OWNER, with or without notice to the SURETY, and during the period of any guarantee or warranties required under the Contract, and if CONTRACTOR shall perform and fulfill all undertakings, covenants, terms, conditions and agreements of any and all duly authorized modifications of the Contract that hereafter are made, then this obligation shall be void; otherwise it shall remain in full force and effect subject to the following additional conditions:

1. SURETY, for value received, hereby stipulates and agrees that no change, extension of time, modification, omission, addition or change in or to the Contract, or the work performed thereunder or the specifications accompanying the same, shall in any way affect the SURETY'S obligation on this bond; and SURETY hereby agrees to waive notice of any and all such extensions, modifications, omissions, alterations, and additions to the terms of the Contract, work or specifications.

2. Whenever CONTRACTOR shall be and declared by the OWNER to be in default under the Contract, the Surety shall promptly and at the SURETY'S expense remedy the default by implementing one or more of the following actions:
  - a. Arrange for the CONTRACTOR, with consent of the OWNER, to perform and complete the Contract; or
  - b. Undertake to perform and complete the Contract itself, through its agents or through independent contractors; or
  - c. Obtain bids or negotiated proposals from qualified contractors acceptable to the OWNER for a contract for performance and completion of the Contract; arrange for a contract to be prepared for execution by the OWNER and the contractor selected with the OWNER'S concurrence, to be secured with performance and payment bonds executed by a qualified surety equivalent to the Bonds issued on the Contract; and make available as work progresses (even though there should be a default or a succession of defaults under the contract or contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the balance of the contract price; but not exceeding, including other costs and damages for which the Surety may be liable hereunder, the penal sum of the bond. The term "balance of the contract price", as used in this paragraph, shall mean the total amount payable by OWNER to CONTRACTOR under the Contract and any amendments thereto, disbursed at the rate provided in the original contract, less the amount properly paid by OWNER to CONTRACTOR.
  - d. With written consent of the OWNER, SURETY may waive its right to perform and complete, arrange for completion or obtain a new contractor and with reasonable promptness, investigate and determine the amount the SURETY is liable to the OWNER and tender payment therefore to the OWNER.
3. CONTRACTOR and SURETY agree that if in connection with the enforcement of this Bond, the OWNER is required to engage the services of an attorney, that reasonable attorney fees incurred by the OWNER, with or without suit, are in addition to the balance of the contract price.
4. No right of action shall accrue on this bond to or for the use of any person or corporation other than the OWNER named herein or the successors or assigns of the OWNER.

**WITNESS**

In witness whereof, this instrument is executed this the \_\_\_\_\_ day of \_\_\_\_\_, 2022.

**INDIVIDUAL PRINCIPAL:**

Company Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Name and Title: \_\_\_\_\_

**CORPORATE PRINCIPAL:**

ATTEST:

Corporate Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

Name and Title: \_\_\_\_\_  
(Affix Corporate Seal)

Name and Title: \_\_\_\_\_

**SURETY:**

ATTEST:

Surety Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

Name and Title \_\_\_\_\_  
(Affix Seal)

Name and Title: \_\_\_\_\_  
(Attach Power of Attorney)

**OWNER ACCEPTANCE**

The OWNER approves the form of this Performance Bond.

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

ATTEST:

Name and Title: \_\_\_\_\_

Signature: \_\_\_\_\_

Name and Title: \_\_\_\_\_  
(Affix Seal)

## PAYMENT BOND

<b>Bond Number</b>
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PRINCIPAL *(Legal Name and Business Address)*

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SURETY <i>(Legal Name and Business Address)</i>	STATE OF INCORPORATION
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PENAL SUM OF BOND <i>(Expressed in words and numerals)</i>	CONTRACT DATE
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### OBLIGATION

KNOW ALL PERSONS BY THESE PRESENTS, that the above named PRINCIPAL, hereinafter referred to and called CONTRACTOR, and the above named SURETY hereby bind themselves unto Salina Airport Authority 3237 Arnold, Salina, KS 67401, as OBLIGEE, hereinafter referred to and called OWNER, in the penal sum stated above, in lawful money of the United States of America to be paid to OWNER. For payment of the penal sum, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

### WHEREAS,

CONTRACTOR has entered into the written contract agreement identified hereinabove with the OWNER for the following project:

Project Name: Terminal Building South Overflow Parking Lot

Project Location: Salina Regional Airport

which said contract and associated contract documents, including any present or future amendment thereto, is incorporated herein by reference and is hereinafter referred to as the Contract.

### CONDITION

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that, if CONTRACTOR shall promptly make payment to all employees, persons, firms or corporations for all incurred indebtedness and just claims for labor, supplies, materials and services furnished for or used in connection with the performance of the Contract, then this obligation shall be void; otherwise it shall remain in full force and effect subject to the following additional conditions:

1. CONTRACTOR and SURETY indemnify and hold harmless the OWNER for all claims, demands, liens or suits that arise from performance of the Contract
2. SURETY, for value received, hereby stipulates and agrees that no change, extension of time, modification, omission, addition or change in or to the Contract, or the work performed thereunder or the specifications accompanying the same, shall in any way affect the SURETY'S obligation on this bond; and SURETY hereby agrees to waive notice of any and all such extensions, modifications, omissions, alterations, and additions to the terms of the Contract, work or specifications.

3. No final settlement between the OWNER and the CONTRACTOR shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.
4. The amount of this bond shall be reduced by and to the extent of any payments made in good faith hereunder.
5. Amounts owed by the OWNER to the CONTRACTOR under the Contract shall be used for the performance of the Contract and to satisfy claims, if any, under any Performance Bond. By the CONTRACTOR furnishing and the OWNER accepting this Bond, they agree that all funds earned by the CONTRACTOR in the performance of the Contract are dedicated to satisfy obligations of the CONTRACTOR and the SURETY under this Bond, subject to the OWNER'S priority to use the funds for the completion of the project.

**WITNESS**

In witness whereof, this instrument is executed this the \_\_\_\_\_ day of \_\_\_\_\_, 2022.

**INDIVIDUAL PRINCIPAL:**

Company Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Name and Title: \_\_\_\_\_

**CORPORATE PRINCIPAL:**

**ATTEST:**

Corporate Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

Name and Title: \_\_\_\_\_

Name and Title: \_\_\_\_\_

(Affix Corporate Seal)

**SURETY:**

**ATTEST:**

Surety Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

Name and Title: \_\_\_\_\_  
(Affix Seal)

Name and Title: \_\_\_\_\_  
(Attach Power of Attorney)

**OWNER ACCEPTANCE**

The OWNER approves the form of this Payment Bond.

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Name and Title: \_\_\_\_\_

**ATTEST:**

Signature: \_\_\_\_\_

Name and Title: \_\_\_\_\_  
(Affix Seal)



**CONTRACT AGREEMENT  
SALINA AIRPORT AUTHORITY**

THIS AGREEMENT, made as of \_\_\_\_\_ is  
*{Insert Effective Date Of Agreement}*

**BY AND BETWEEN**

the OWNER:                      **Salina Airport Authority  
3237 Arnold  
Salina, KS 67401**

And the CONTRACTOR:

**WITNESSETH:**

WHEREAS it is the intent of the Owner to make improvements at the **Salina Regional Airport** generally described as follows:

**Terminal Building South Overflow Parking Lot**

hereinafter referred to as the Project.

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

**Article 1 - Work**

It is hereby mutually agreed that for and in consideration of the payments as provided for herein to the CONTRACTOR by the OWNER, CONTRACTOR shall faithfully furnish all necessary labor, equipment, and material and shall fully perform all necessary work to complete the Project in strict accordance with this Contract Agreement and the Contract Documents.

**Article 2 – Contract Documents**

CONTRACTOR agrees that the Contract Documents consist of the following: this Agreement, ~~General Provisions~~, Supplementary Provisions, Specifications, Drawings, all issued addenda, Notice-to-Bidders, Instructions-to-Bidders, Proposal and associated attachments, Performance Bond, Payment Bond, ~~Wage Rate Determination~~, Insurance certificates, documents incorporated by reference, documents incorporated by attachment, and all OWNER authorized change orders issued subsequent to the date of this agreement. All documents comprising the Contract Documents are complementary to one another and together establish the complete terms,

conditions and obligations of the CONTRACTOR. All said Contract Documents are incorporated by reference into the Contract Agreement as if fully rewritten herein or attached thereto.

### **Article 3 – Contract Price**

In consideration of the faithful performance and completion of the Work by the CONTRACTOR in accordance with the Contract Documents, OWNER shall pay the CONTRACTOR an amount equal to:

_____	(\$ _____)
<i>(Amount in Written Words)</i>	<i>(Amount in Numerals)</i>

subject to the following;

- a. Said amount is based on the schedule of prices and estimated quantities stated in CONTRACTOR'S Bid Proposal, which is attached to and made a part of this Agreement;
- b. Said amount is the aggregate sum of the result of the CONTRACTOR'S stated unit prices multiplied by the associated estimated quantities;
- c. CONTRACTOR and OWNER agree that said estimated quantities are not guaranteed and that the determination of actual quantities is to be made by the OWNER'S ENGINEER;
- d. Said amount is subject to modification for additions and deductions as provided for within the Contract General Provisions.

### **Article 4 – Payment**

Upon the completion of the work and its acceptance by the OWNER, all sums due the CONTRACTOR by reason of faithful performance of the work, taking into consideration additions to or deductions from the Contract price by reason of alterations or modifications of the original Contract or by reason of "Extra Work" authorized under this Contract, will be paid to the CONTRACTOR by the OWNER after said completion and acceptance.

The acceptance of final payment by the CONTRACTOR shall be considered as a release in full of all claims against the OWNER, arising out of, or by reason of, the work completed and materials furnished under this Contract.

OWNER shall make progress payments to the CONTRACTOR in accordance with the terms set forth in the General Provisions. Progress payments shall be based on estimates prepared by the ENGINEER for the value of work performed and materials completed in place in accordance with the Contract Drawings and Specifications.

Progress payments are subject to retainage requirements as set forth in the General Provisions.

### **Article 5 – Contract Time**

The CONTRACTOR agrees to commence work within ten (10) calendar days of the date specified in the OWNER'S Notice-to-Proceed. CONTRACTOR further agrees to complete said work within \_\_\_\_\_ ( ) **calendar days or less** of the commencement date stated within the Notice-to-Proceed.

It is expressly understood and agreed that the stated Contract Time is reasonable for the completion of the Work, taking all factors into consideration. Furthermore, extensions of the Contract Time may only be permitted by execution of a formal modification to this Contract Agreement in accordance with the General Provisions and as approved by the OWNER.

## Article 6 – Liquidated Damages

The CONTRACTOR and OWNER understand and agree that time is of essence for completion of the Work and that the OWNER will suffer additional expense and financial loss if said Work is not completed within the authorized Contract Time. Furthermore, the CONTRACTOR and OWNER recognize and understand the difficulty, delay, and expense in establishing the exact amount of actual financial loss and additional expense. Accordingly, in place of requiring such proof, the CONTRACTOR expressly agrees to pay the OWNER as liquidated damages the non-penal sum of **Five Hundred Dollars \$500** per calendar day for each calendar day required in excess of the authorized Contract Time.

Furthermore, the CONTRACTOR understands and agrees that;

- a. the OWNER has the right to deduct from any moneys due the CONTRACTOR, the amount of said liquidated damages;
- b. the OWNER has the right to recover the amount of said liquidated damages from the CONTRACTOR, SURETY or both.

## Article 7 – CONTRACTOR’S Representations

The CONTRACTOR understands and agrees that all representations made by the CONTRACTOR within the Proposal shall apply under this Agreement as if fully rewritten herein.

## ~~Article 8 – CONTRACTOR’S Certifications~~

~~The CONTRACTOR understands and agrees that all certifications made by the CONTRACTOR within the Proposal shall apply under this Agreement as if fully rewritten herein. The CONTRACTOR further certifies the following;~~

- ~~a. Certification of Eligibility (29 CFR Part 5.5)
  - i. ~~By Entering into this contract, the CONTRACTOR certifies that neither he or she nor any person or firm who has an interest in the CONTRACTOR’S firm is a person or firm ineligible to be awarded Government contracts by virtue of Section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1);~~
  - ii. ~~No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of Section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1);~~
  - iii. ~~The penalty for making false statements is prescribed in the U.S. Criminal Code 18 U.S.C.~~~~
- ~~b. Certification of Non-Segregated Facilities (41 CFR Part 60-1.8)~~

~~The federally assisted construction CONTRACTOR, certifies that it does not maintain or provide, for its employees, any segregated facilities at any of its establishments and that it does not permit its employees to perform their services at any location, under its control, where segregated facilities are maintained. The BIDDER certifies that it will not maintain or provide, for its employees, segregated facilities at any of its establishments and that it will not permit its employees to perform their services at any location under its control where segregated facilities are maintained. The Bidder agrees that a breach of this certification is a violation of the Equal Opportunity Clause, which is to be incorporated \_\_\_\_\_ in \_\_\_\_\_ the \_\_\_\_\_ contract.~~

~~As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, restrooms, and washrooms, restaurants and other eating areas, timeclocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated on the basis of race, color, religion, or national origin because of habit, local custom, or any other reason. The Bidder agrees that (except where it has obtained identical certifications from proposed subcontractors for specific time periods) it will obtain identical certifications from proposed subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity Clause and that it will retain such certifications in its files.~~

#### **Article 9 – Miscellaneous**

- a. CONTRACTOR understands that it shall be solely responsible for the means, methods, techniques, sequences and procedures of construction in connection with completion of the Work;
- b. CONTRACTOR understands and agrees that it shall not accomplish any work or furnish any materials that are not covered or authorized by the Contract Documents unless authorized in writing by the OWNER or ENGINEER;
- c. The rights of each party under this Agreement shall not be assigned or transferred to any other person, entity, firm or corporation without prior written consent of both parties;
- d. OWNER and CONTRACTOR each bind itself, their partners, successors, assigns and legal representatives to the other party in respect to all covenants, agreements, and obligations contained in the Contract Documents.

#### **Article 10 – OWNER’S Representative**

The OWNER’S Representative, herein referred to as ENGINEER, is defined as follows:

**Maynard Cunningham**  
**Director of Facilities and Construction**  
**Salina Airport Authority**  
**3237 Arnold Ave.**  
**Salina, KS 6401**  
**785-827-3914**

Said ENGINEER will act as the OWNER’S representative and shall assume all rights and authority assigned to the ENGINEER as stated within the Contract Documents in connection with the completion of the Project Work.

IN WITNESS WHEREOF, OWNER and CONTRACTOR have executed two (2) copies of this Agreement on the day and year first noted herein.

**OWNER**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

By: \_\_\_\_\_

*Signature*

\_\_\_\_\_  
*Title of Representative*

**ATTEST**

By: \_\_\_\_\_

*Signature*

\_\_\_\_\_  
*Title*

**CONTRACTOR**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

By: \_\_\_\_\_

*Signature*

\_\_\_\_\_  
*Title of Representative*

**ATTEST**

By: \_\_\_\_\_

*Signature*

\_\_\_\_\_  
*Title*

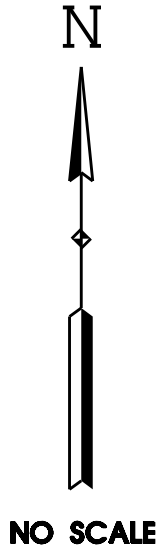


# SALINA REGIONAL AIRPORT

## CONSTRUCTION PLANS

SOUTH OVERFLOW PARKING LOT  
PROJECT NO. 19868

INDEX OF SHEETS	
SHEET NO.	TITLE
C1	TITLE SHEET
C2	TYPICAL SECTION AND PROJECT DETAILS
C3	SUMMARY OF QUANTITIES
C4	SITE LAYOUT
C5	GRADING PLAN
C6	EROSION CONTROL
C7 - C16	CITY OF SALINA DETAILS
C17 - C19	KDOT DETAILS



MARCH 2022



**LOCHNER**  
1823 S. Ohio Street | Salina, Kansas 67401-3713  
P 785.827.3603 | F 785.827.3029

SALINA AIRPORT AUTHORITY

SOUTH OVERFLOW PARKING LOT  
SALINA, KANSAS

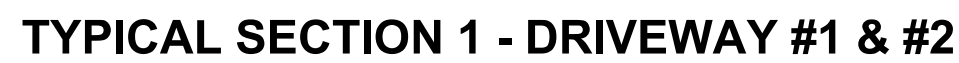
PROJECT NO.	000019868
DRAWN BY	RLK
CHECKED BY	MJJ
DESIGNED BY	JSD
REVISIONS	

ISSUE DATE 3/16/2022

TITLE SHEET

C1





SEED ALL DISTURBED AREA WITH K-31 FESCUE AT THE RATE OF 5 LBS. PER 1000 SQUARE FEET AS PER CITY SECTION 402. FERTILIZE AREA WITH 16-20-0 FERTILIZER AT THE RATE OF 5 LBS. PER 1000 SQUARE FEET AND MULCH AREAS WITH STRAW OR HAY AT THE RATE OF 1.5 TO 2.0 TONS PER ACRE. DISTURBED AREAS TO BE SEEDED SOON AFTER COMPLETION OF EACH CONSTRUCTION PHASE. PREFERRED SEEDING TIME IS DURING FALL MONTHS.

POINT #7  
N : 162552.87  
E : 1415364.69  
ELEV : 1259.66  
DESCRIP : 2" ALUM

.. Ohio Street | Salina, Kansas 67401-3713  
P 785.827.3603 | F 785.827.3029

**SOUTH OVERFLOW PARKING LOT**  
**SALINA KANSAS**

# C2

EARTHWORK QUANTITIES

	EXCAVATION		CONTRACTO FURNISHED	COMPACTION		WASTE*
	COMMON			TYPE B	TYPE AA	
	CU. YD.	VMF		CU. YD.	CU. YD.	
Overflow Parking Lot + Driveway #1 +Driveway #2	1,264	0.80	894	165	550	1,264
TOTALS	1,264		894	165	550	1,264

\*Includes 6" of Excavation of existing gound within the construction limits of Overflow parking lot and Driveways assuming not suitable for fill material

ENTRANCE PAVEMENT

LOCATION	SIDE	REINFORCED CONCRETE PAVEMENT (6" UNIFORM) (AE)			CURB & GUTTER (COMBINED)(AE)(TYPE II)  L.F.	REMARKS
		WIDTH FT.	LENGTH FT.	AREA SQ. YD.		
Driveway #1	Lt.	32	92.0	348	93.0	West Parking Entrance
Driveway #2	Rt.	32	50.5	200	87.5	East Parking Entrance
TOTAL				548	180.5	

PIPE CULVERT SUMMARY

LOCATION	UPSTREAM		DOWNSTREAM		FLOWLINE IN	FLOWLINE OUT	LENGTH 18" RCP FT	END SECT 18" RC	REMARKS
	STATION	OFFSET	STATION	OFFSET					
Driveway #1									
1	2+93.41	265.97 LT	3+22.30	220.35 LT	1260.10	1260.00	54	2	
2	2+98.64	266.91 LT	3+27.53	221.29 LT	1260.10	1260.00	54	2	
3	3+03.86	267.85 LT	3+32.75	222.23 LT	1260.10	1260.00	54	2	
Driveway #2									
4	3+34.00	24.00 LT	3+34.00	26.00 RT	1259.58	1259.55	50	2	
5	3+39.00	24.00 LT	3+39.00	26.00 RT	1259.58	1259.55	50	2	
6	3+44.00	24.00 LT	3+44.00	26.00 RT	1259.58	1259.55	50	2	
TOTAL							312	12	

RECYCLED CRUSHED CONCRETE QUANTITIES

	RECYCLED CRUSHED CONCRETE			REMARKS
	SQ. FT	DEPTH (ft)	CU. YDS	
Overflow Parking Area	63456.9	0.5	1175	
Driveway #1	3364.5	0.5	62	Driveway Base Material
Driveway #2	2023.0	0.5	38	Driveway Base Material
TOTALS			1275	

RECAPITULATION OF QUANTITIES (FOR INFORMATION ONLY)

BID ITEM	UNIT	QUANTITY	
		BASE BID	
Salvaging, Stockpiling and Placing Topsoil	Sq. Yd.	7,050	
Common Excavation	Cu. Yd.	1,264	
Common Excavation (Contractor Furnish)*	Cu. Yd.	894	
Rock Excavation	Cu. Yd.	15	
Compaction of Earthwork (Type B)(MR-90)	Cu. Yd.	165	
Compaction of Earthwork (Type AA)(MR-0-5)	Cu. Yd.	550	
Entrance Pipe (18") (RCP)	Lin. Ft.	312	
End Section (18")(RCP)	Each	12	
Curb and Gutter (Combined)(AE)(TYPE II)	Lin. Ft.	181	
Concrete Pavement (6" Uniform) (AE)	Sq. Yd.	548	
Recycled Crushed Concrete	Cu. Yd.	1,275	
Biodegradable Log (12")	Lin. Ft.	52	
Erosion Control (Class II)(Type E)	Sq. Yd.	230	
Silt Fence	Lin. Ft.	563	
SWPPP Design	Lump Sum	1	
SWPPP Inspection	Each	2	
Seeding (Estimated 0.5 acre of Seeding)	Lump Sum	L.S.	

\*VMF used to estimate Furnish was 0.8



LOCHNER

1823 S. Ohio Street | Salina, Kansas 67401-3713  
P 785.827.3603 | F 785.827.3029

SALINA AIRPORT AUTHORITY

SOUTH OVERFLOW PARKING LOT  
SALINA, KANSAS

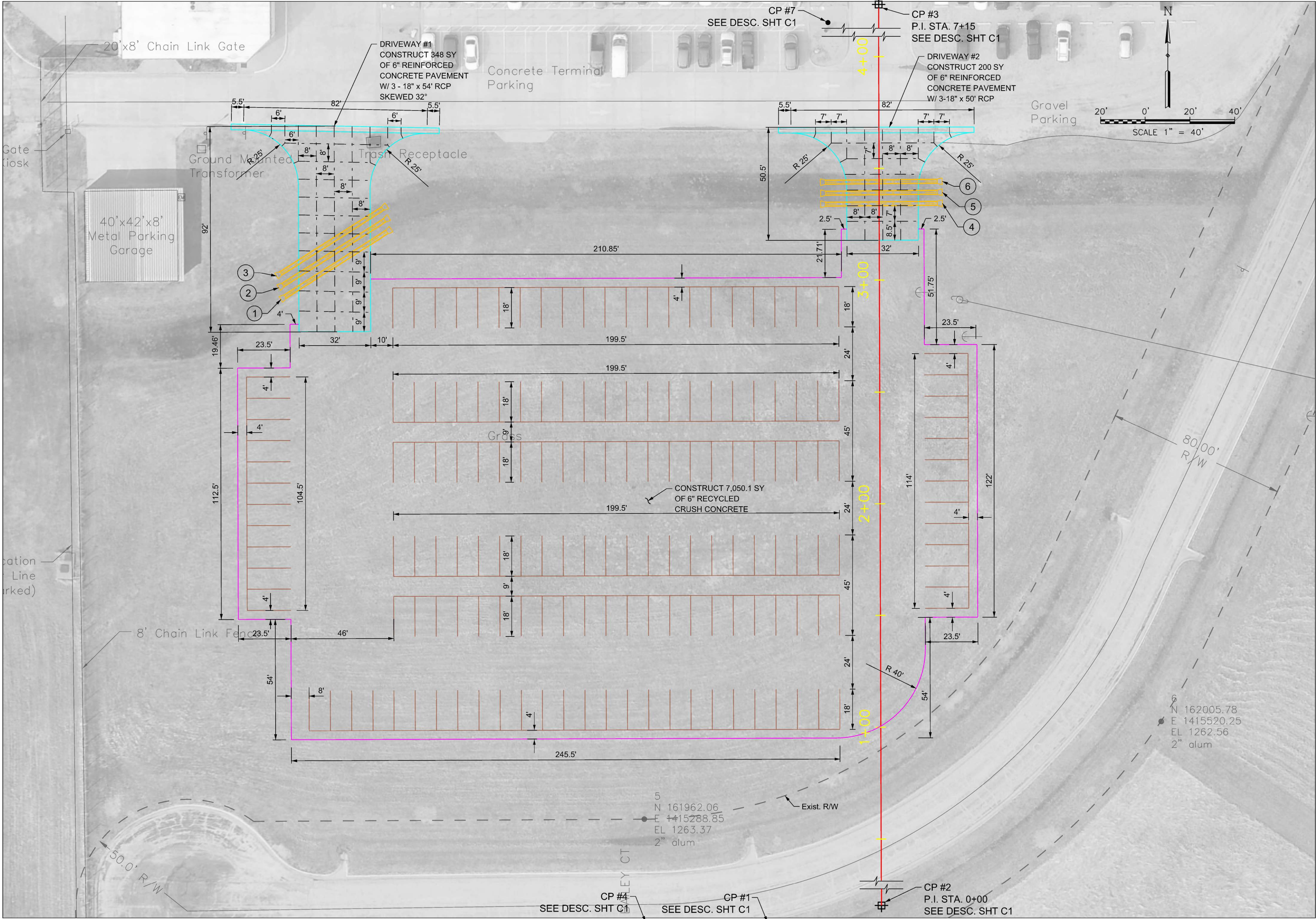
PROJECT NO. 000019868  
DRAWN BY RLK  
CHECKED BY MJJ  
DESIGNED BY JSD  
REVISIONS

ISSUE DATE 3/15/2022

QUANTITY SUMMARY

C3





**LOCHNER**  
1823 S. Ohio Street | Salina, Kansas 67401-3713  
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**SALINA AIRPORT AUTHORITY**  
**SOUTH OVERFLOW PARKING LOT**  
**SALINA, KANSAS**

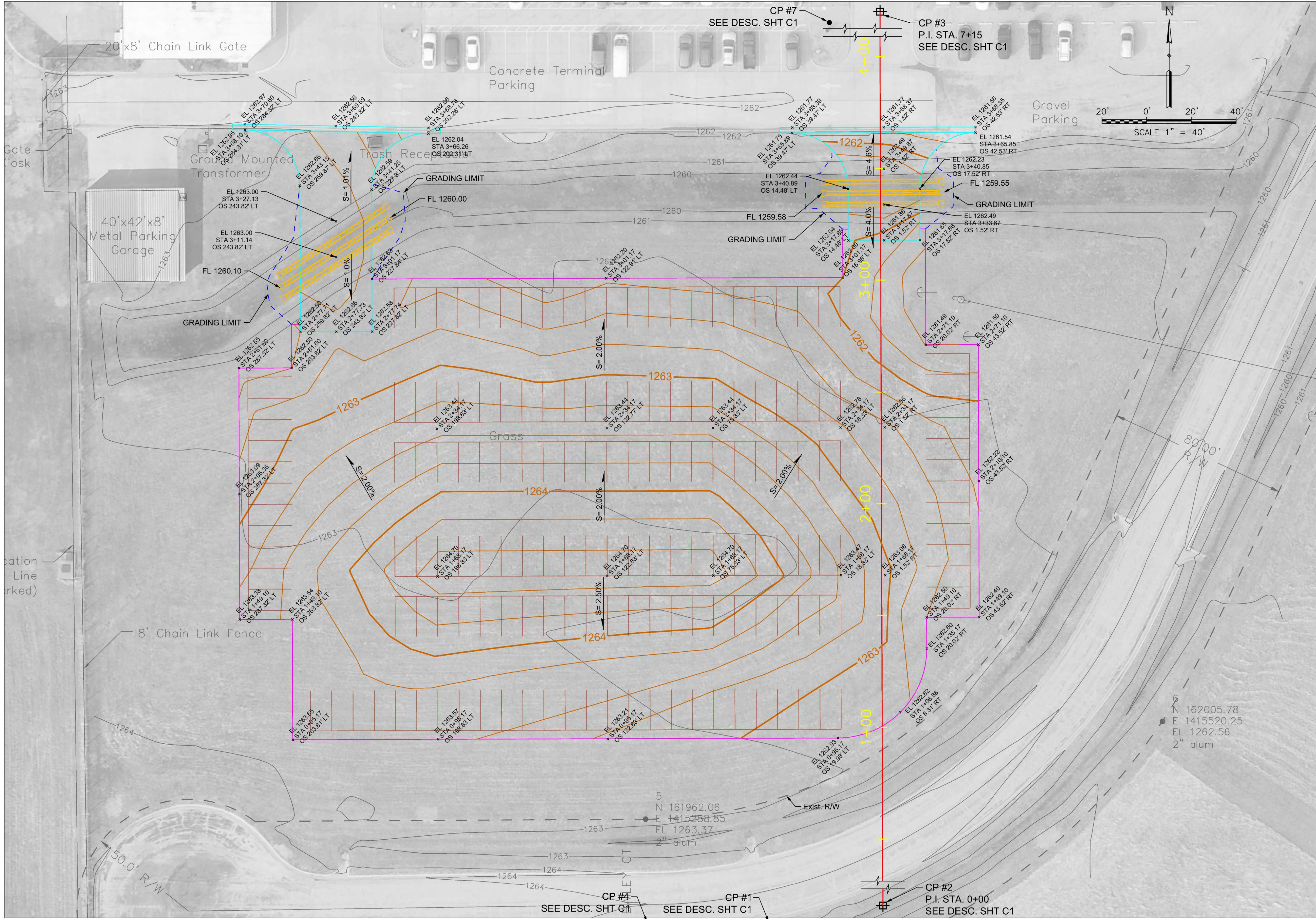
PROJECT NO.	000019868
DRAWN BY	RLK
CHECKED BY	MJJ
DESIGNED BY	JSD
REVISIONS	

ISSUE DATE: 3/15/2022

SITE PLAN LAYOUT

**C4**  
SHEET 4 OF 19





**LOCHNER**  
1823 S. Ohio Street | Salina, Kansas 67401-3713  
P 785.827.3603 | F 785.827.3029

**SALINA AIRPORT AUTHORITY**  
**SOUTH OVERFLOW PARKING LOT**  
**SALINA, KANSAS**

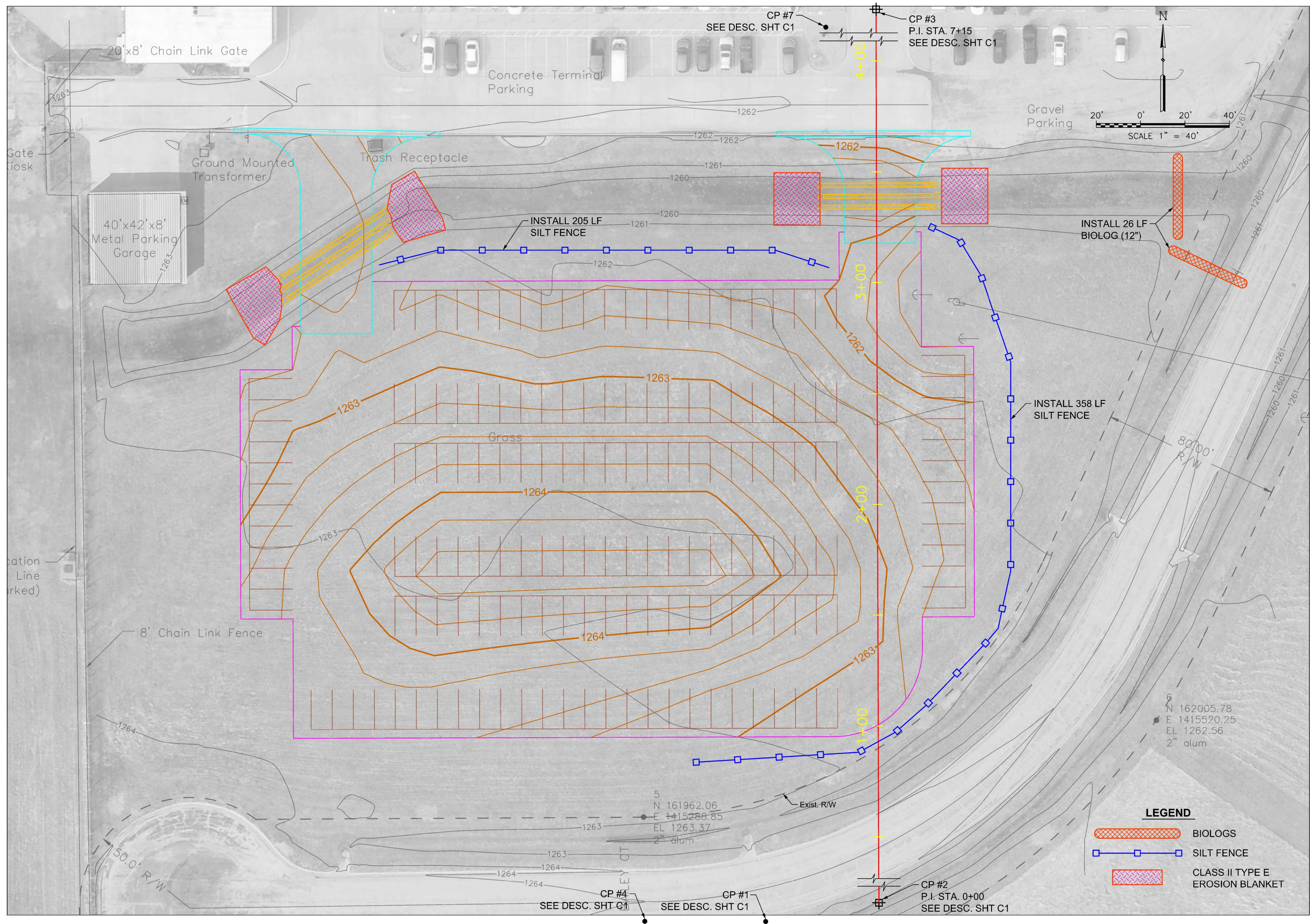
PROJECT NO.	000019868
DRAWN BY	RLK
CHECKED BY	MJJ
DESIGNED BY	JSD
REVISIONS	
ISSUE DATE	3/15/2022

GRADING PLAN

**C5**

SHEET 5 OF 19





**LOCHNER**  
1823 S. Ohio Street | Salina, Kansas 67401-3713  
P 785.827.3603 | F 785.827.3029

**SALINA AIRPORT AUTHORITY**

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**SOUTH OVERFLOW PARKING LOT**  
**SALINA, KANSAS**

PROJECT NO.	000019868
DRAWN BY RLK	DATE
CHECKED BY MJJ	DATE
DESIGNED BY JSD	DATE
REVISIONS	DATE

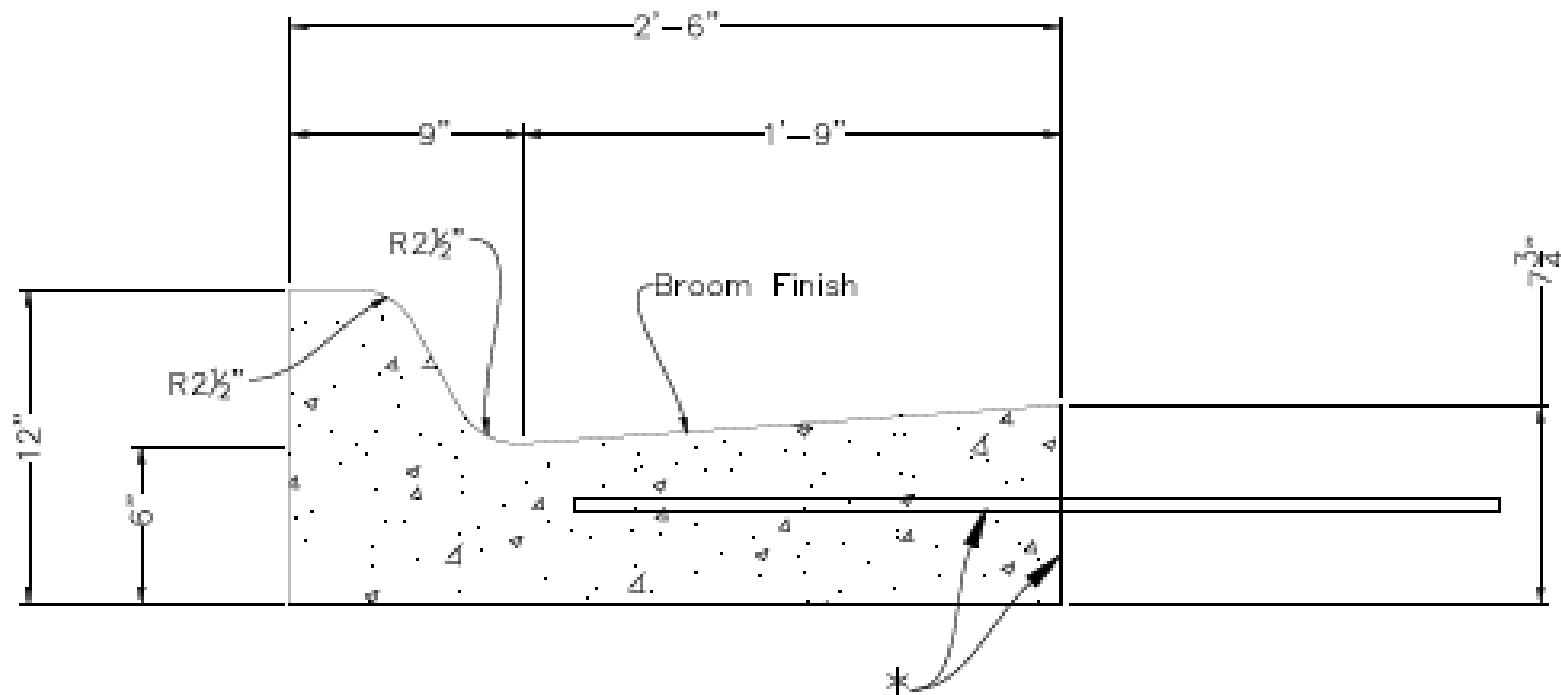
ISSUE DATE **3/15/2022**

## EROSION CONTROL PLAN

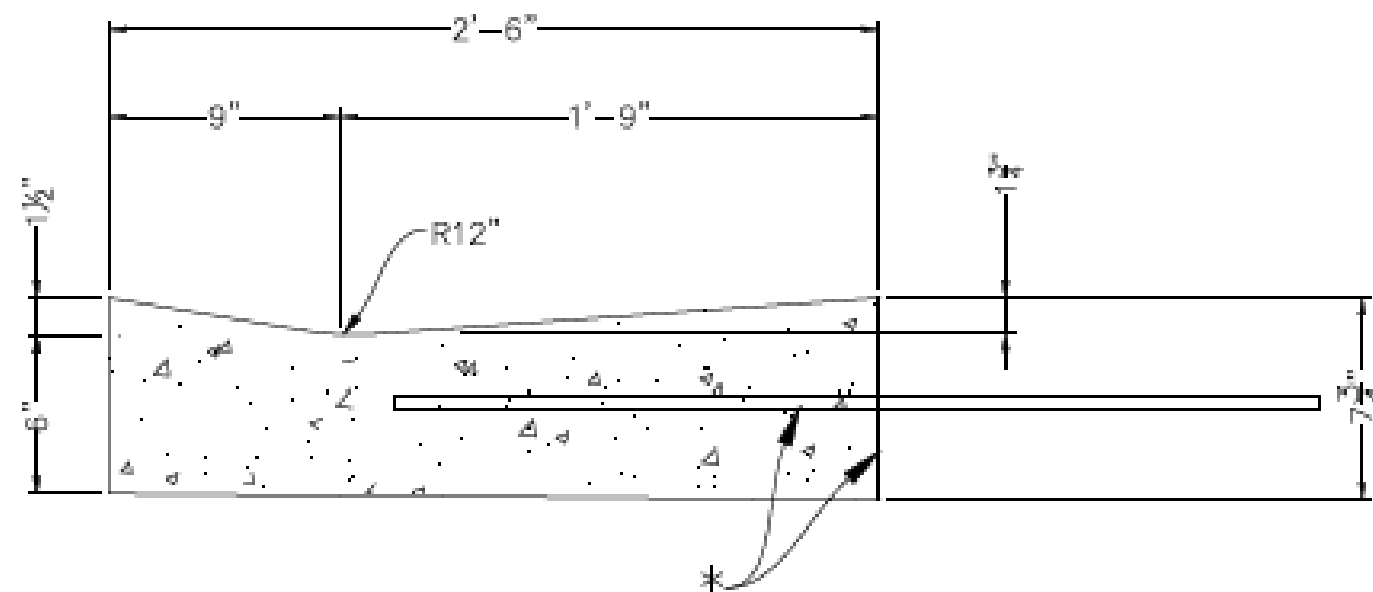
# C6

SHEET **6** OF **19**

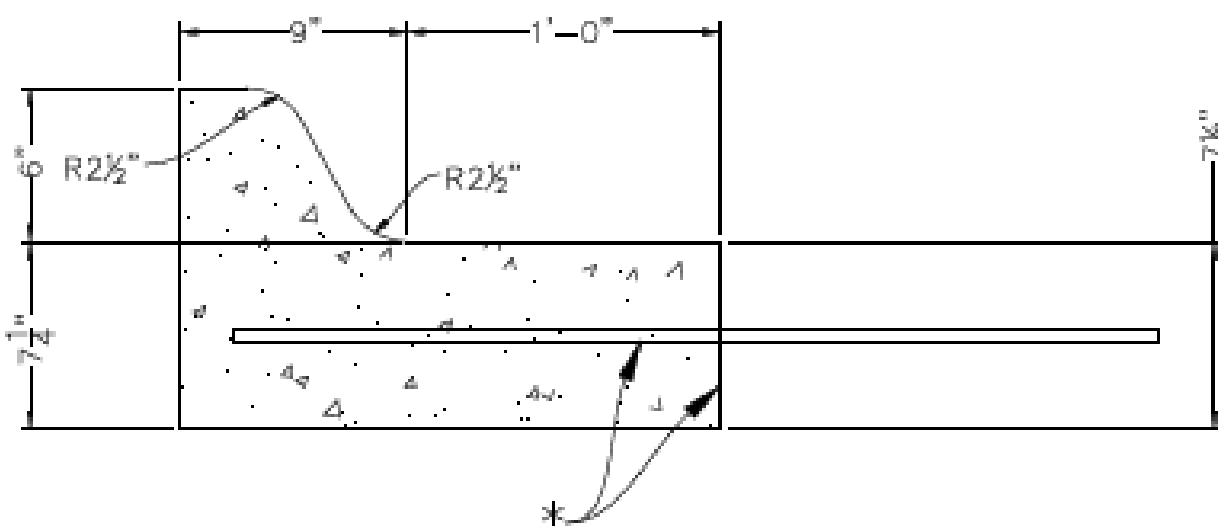




COMBINED CURB & GUTTER (TYPE I)  
Scale: N.T.S.

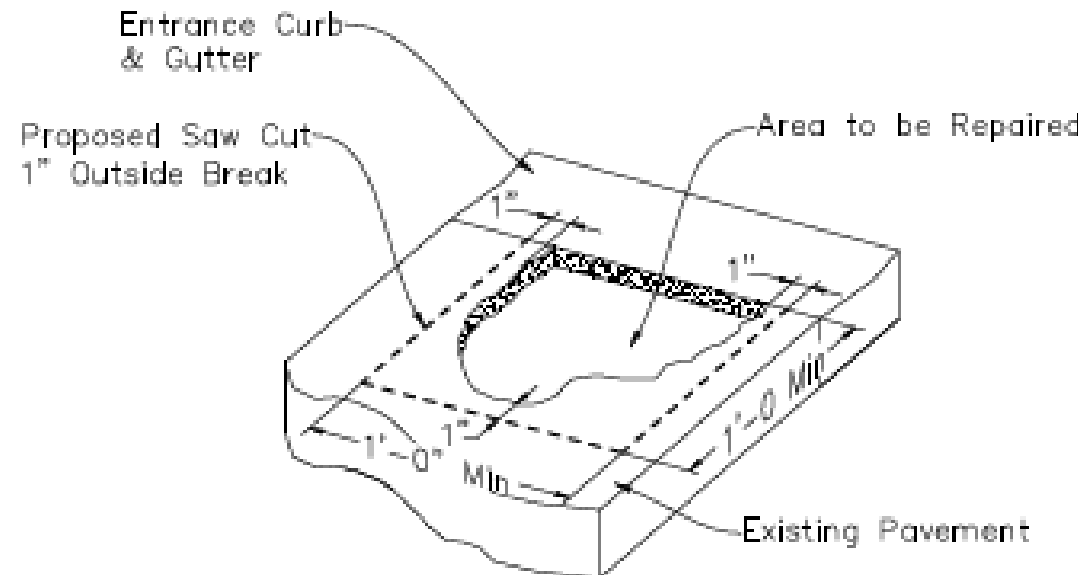


COMBINED CURB & GUTTER (TYPE II)  
Scale: N.T.S.



COMBINED CURB & GUTTER (TYPE III)  
Scale: N.T.S.

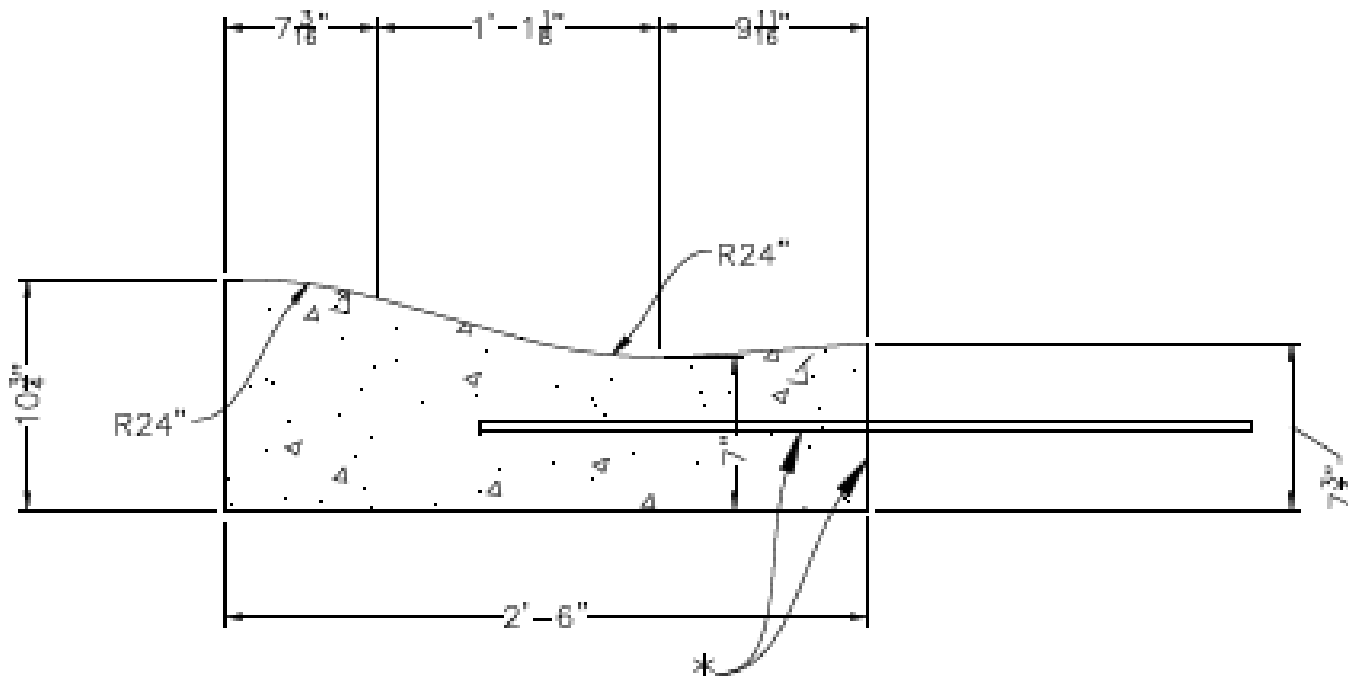
\* Longitudinal construction joint and #4 x 3'-0" bars @2'-6" centers. In monolithic construction is not necessary



PAVEMENT REPAIR

Note:  
If Damage to the Edge of Pavement Occurs during Removal of Curb & Gutter, the Contractor will be Directed to Saw Cut 3'-4" in Depth to Provide Adequate Bridging and Compaction

Note: All exposed edges shall be finished with an edging tool. Place a 1" Preformed Expansion Joint Filler (Nonextruding, Type B) at a spacing not to exceed 250'



ROLLED CURB

GENERAL NOTE

Combined curb and gutter or gutter adjoining concrete pavement may, at the contractor's option, be constructed either monolithically or separately, using either the mix used in the concrete pavement or Concrete Grade 3.0 (AE). The combined curb and gutter or gutter shall have the same section as shown on the plans. If constructed monolithically, the longitudinal joint and dowel bars shall be omitted from the combined curb and gutter or gutter. Pavement joints shall be continued through curb or gutter and no other planes of weakness will be required. Joints in the combined curb and gutter or gutter are to be filled with the same material as used for the pavement joints.

Expansion joints in the combined curb and gutter are to be placed opposite expansion joints in the pavement.

Where combined curb and gutter or gutter does not abut concrete pavement or concrete base course, omit tie bars and place a 1" Preformed Expansion Joint Filler (Type B) cut to the dimensions of the combined curb and gutter or gutter, at a spacing not to exceed 250' and at the ends of curb returns. Planes of weakness shall be constructed at 10'-0" intervals.

A 4' length of transition from normal gutter section to the tapered gutter section shall be used at the ends of each run of gutter except where the gutter abuts a curb, such as at the end of a bridge. Inlets shall be located so as not to fall within this transition section.

Where pressure relief joint is placed across the pavement, and gutter or curb and gutter is continued on for more than 10', use 4"x4" membrane sealant installed with bonding adhesive through gutter section, shaped to fit gutter or curb and gutter. See Std. Drawing RD712 for expansion joint treatment where combined curb and gutter or gutter abuts a bridge wing on a U-type abutment — see bridge drawings.

Longitudinal joints shall be sawed and sealed with joint sealant, see Standard Specifications. If constructed monolithically, the longitudinal joint is not required.

LOCHNER

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P 785.827.3603 | F 785.827.3029

SALINA AIRPORT AUTHORITY

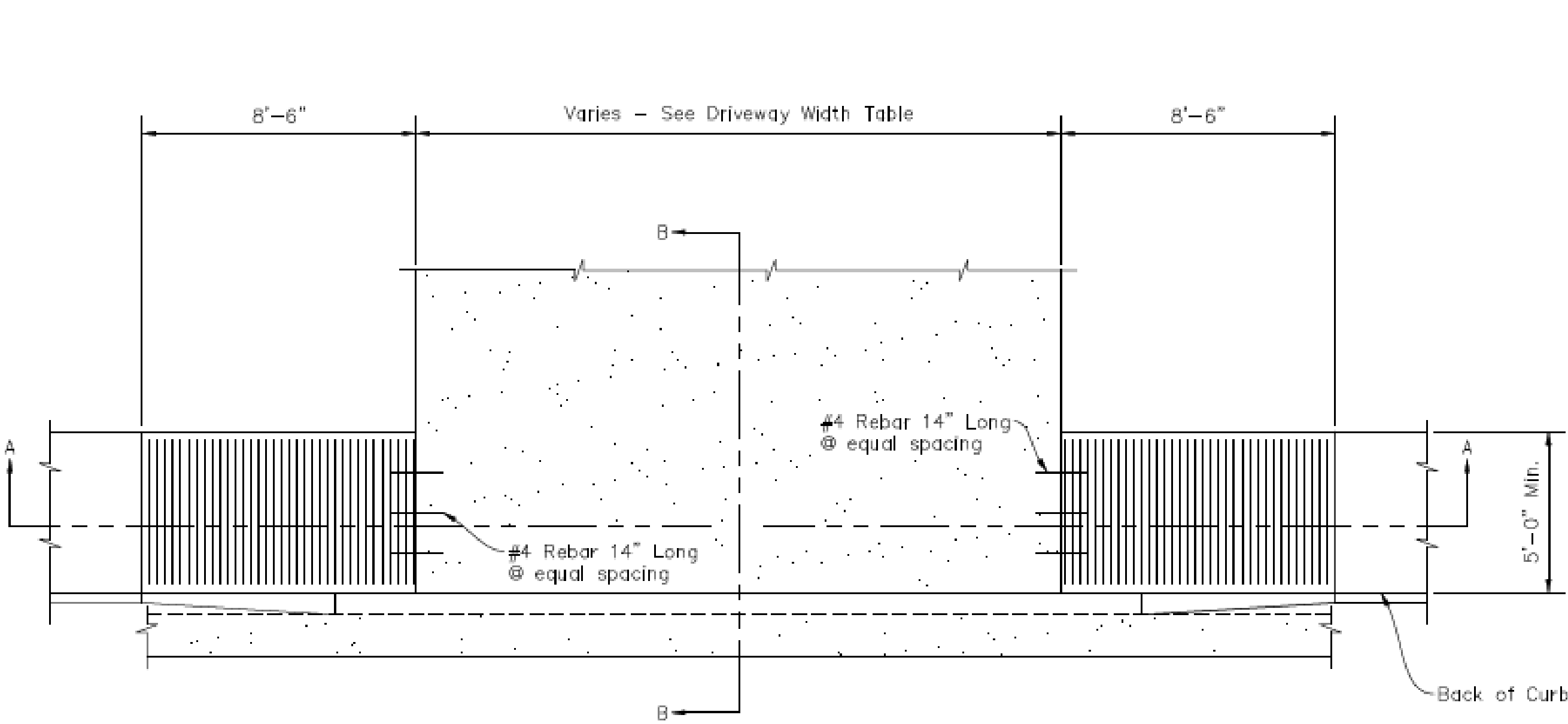
SOUTH OVERFLOW PARKING LOT  
SALINA, KANSAS

PROJECT NO.	000019868
DRAWN BY	RLK
CHECKED BY	MJJ
DESIGNED BY	JSD
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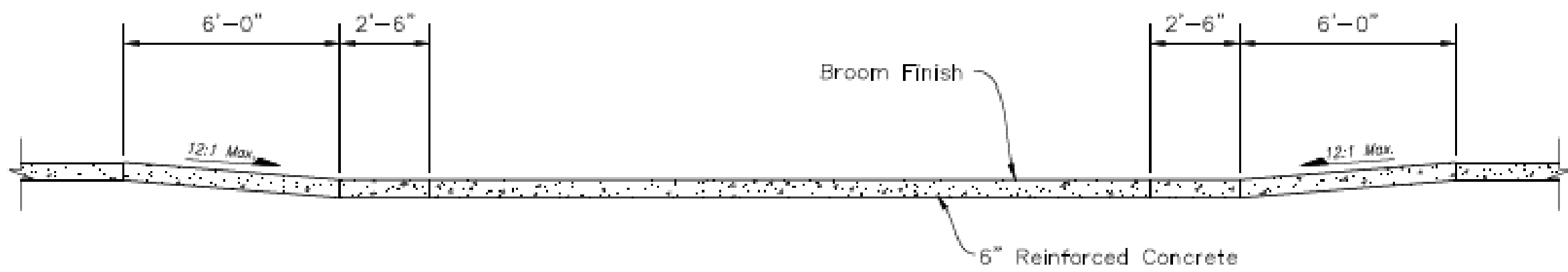
ISSUE DATE 2/28/2022

CURB AND GUTTER

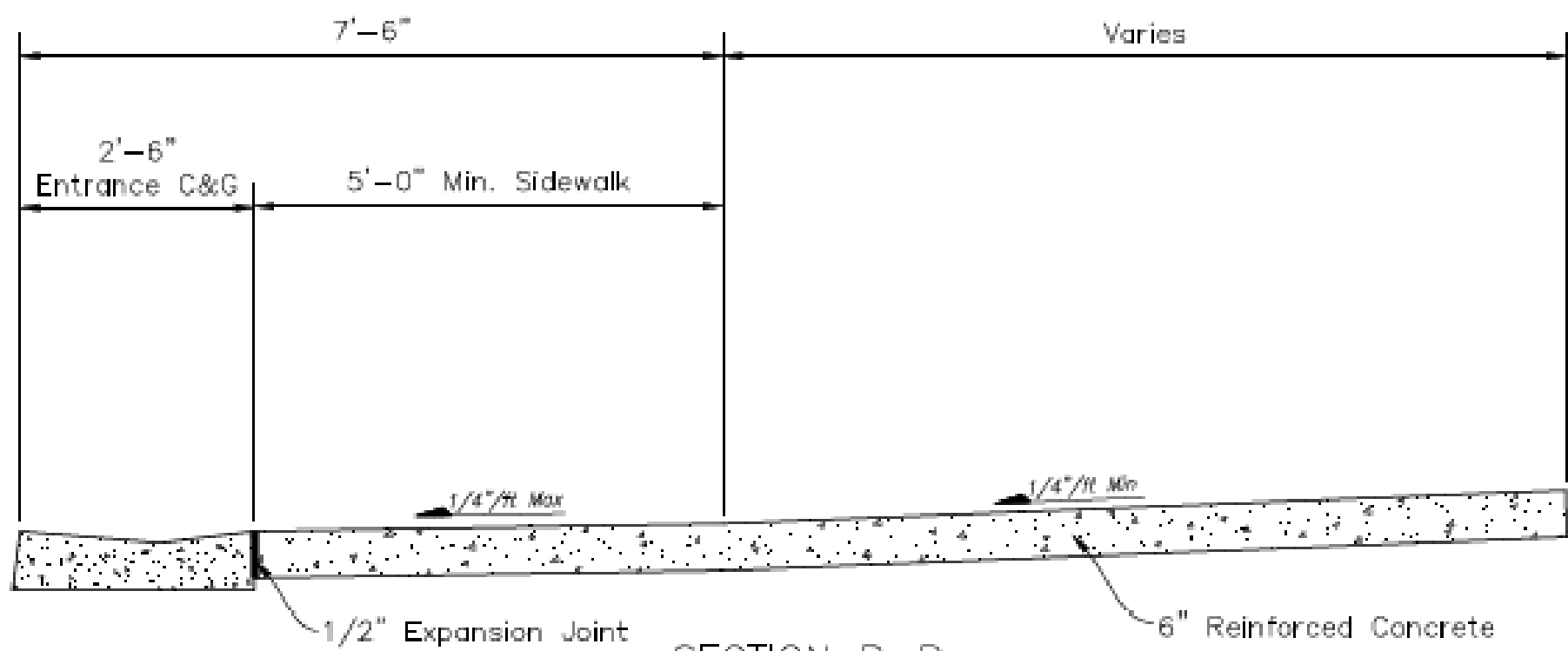
C7



TYPICAL DRIVEWAY w/ CURBSIDE SIDEWALK DETAIL



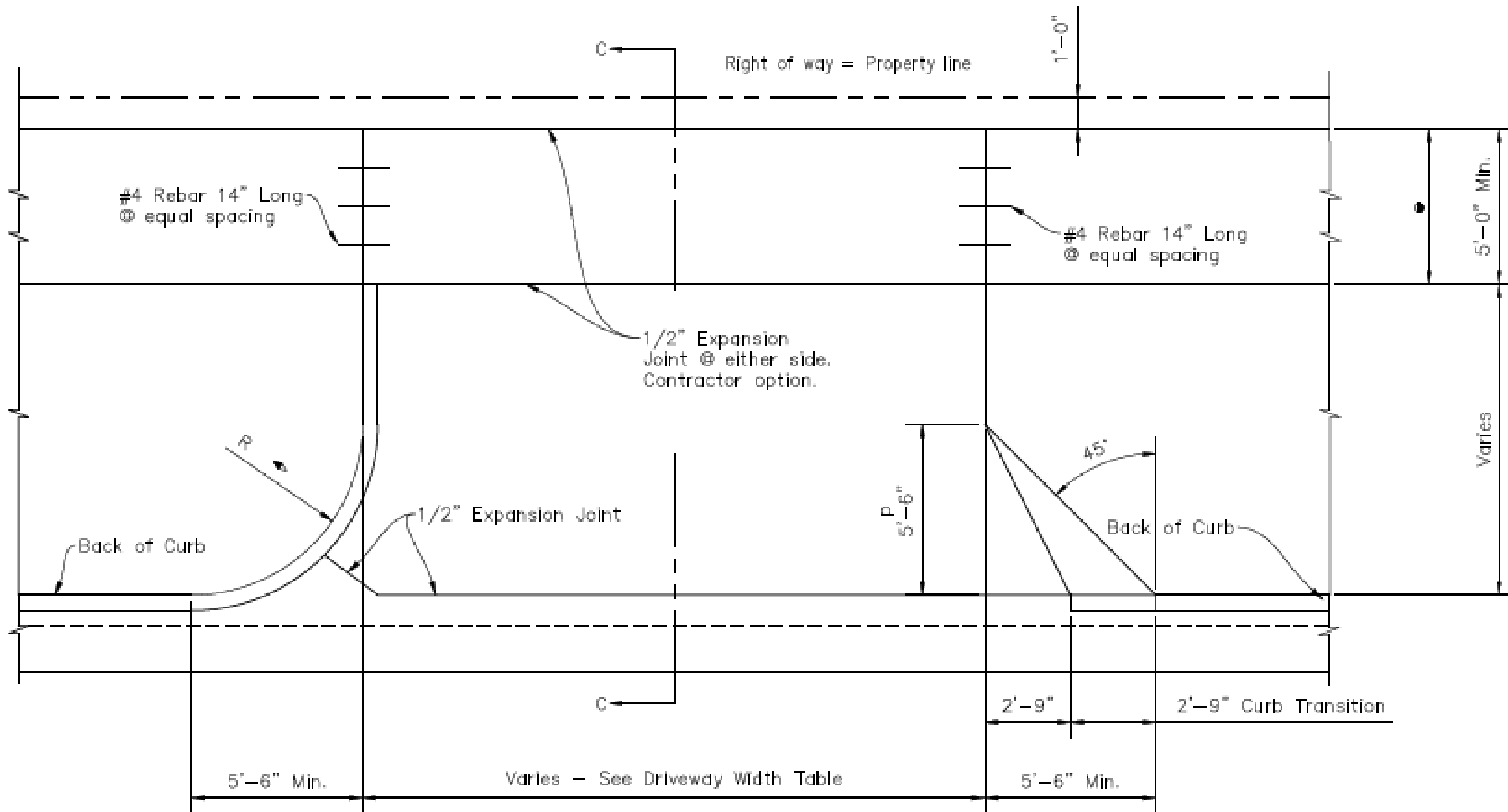
SECTION A-A



SECTION B-B

GENERAL NOTES:

1. All driveway approach construction shall be subject to City inspection at all times by the City Engineer or his representative.
2. All driveway approach construction shall be placed normal to center line of roadway in a true and neat manner.
3. All driveway approach construction shall be no less than 5'-6" from adjacent property unless with written consent from adjacent property owner.
4. Before placement of concrete, the subgrade shall be thoroughly moistened. Concrete may not be placed on frozen or muddy subgrade or when ambient air temperature is 40° F. or less without adequate frost protection.
5. All concrete within the right-of-way shall be placed with a minimum 4,000 psi concrete mix design "(Grade 3.0 (AE))". Upon placement of concrete, the surface shall be broom finished and protected against premature drying with white pigmented curing compound for a period no less than seven (7) days. (When the ambient air temperature is expected to remain at or below 40° F, the white pigmented curing compound will be substituted with thermal blankets).



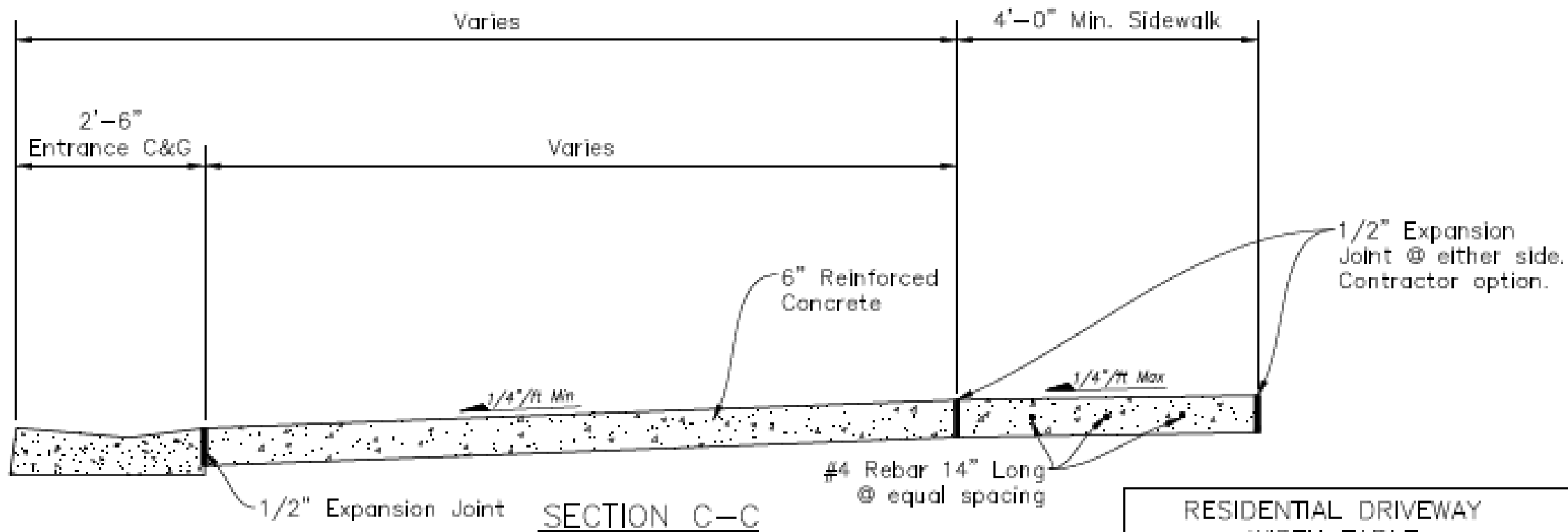
WITH RADIUS

WITH 45° WING

TYPICAL DRIVEWAY w/ PROPERTY LINE SIDEWALK DETAIL

Match adjacent sidewalk width

Driveway Type	Radius
Commercial	15' min.
Single Residential	5.5' min.
Double Residential	3' min.



SECTION C-C

RESIDENTIAL DRIVEWAY WIDTH TABLE	
LOT WIDTH	MAXIMUM DRIVEWAY
50 ft or Less	20 ft
51 ft to 60 ft	24 ft
61 ft to 74 ft	30 ft
75 ft or Greater	30 ft
*with front facing attached 3 car garage or carport	36 ft
Minimum Driveway Width = 8'-0"	

6. Entrance and driveway pavements shall have a uniform thickness of 6", and reinforced with a minimum 6X6- W1.4xW1.4 welded wire reinforcement. (Approximate weight of welded wire mesh = 21 lbs. per 100 sq. ft.)
- Expansion joints will be that of a preformed material, one half (1/2") thickness, and shall be placed wherever new work joins existing work; at ends of all driveway, alley and street returns where returns meet existing construction; and at intervals not to exceed one hundred fifty (150') feet for all straight runs.
7. Concrete Pavement shall be jointed w/ 1/8" wide, T/3 depth, contraction joints not to exceed 10' x 10' slabs.

SALINA AIRPORT AUTHORITY

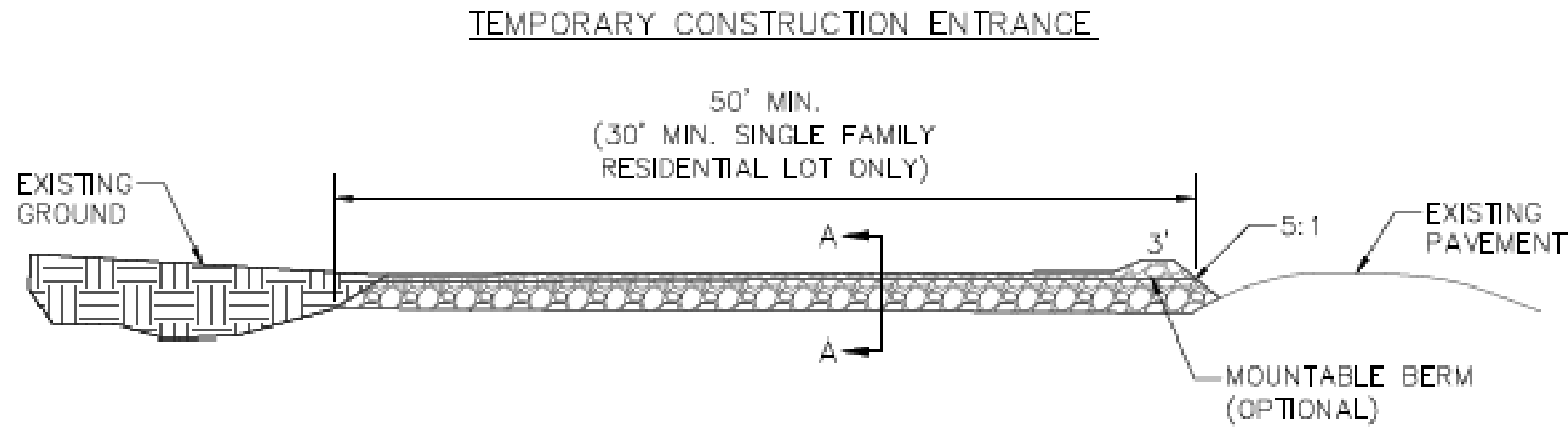
SOUTH OVERFLOW PARKING LOT  
SALINA, KANSAS

PROJECT NO.	000019868
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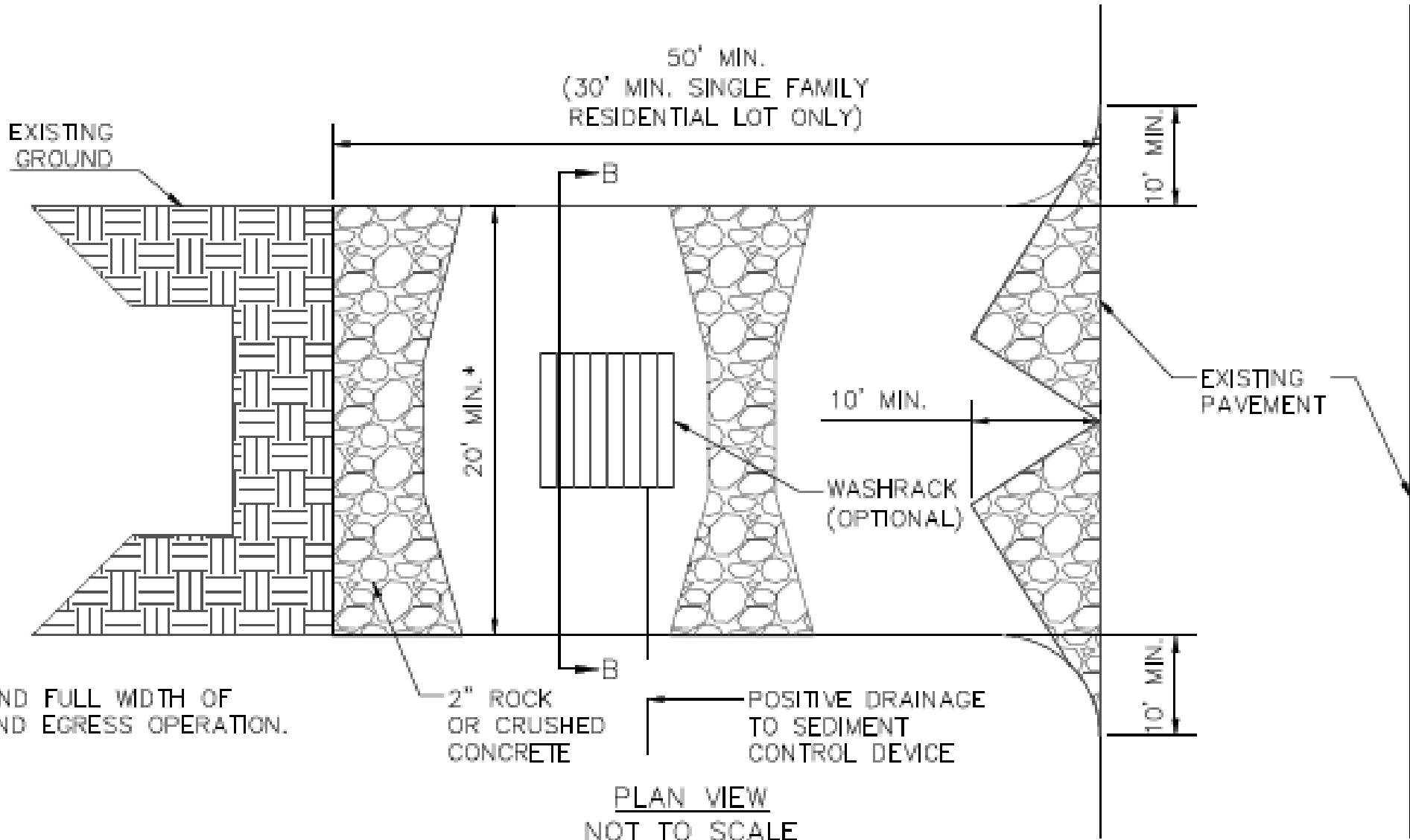
ISSUE DATE: 2/28/2022

RESIDENTIAL DRIVEWAY

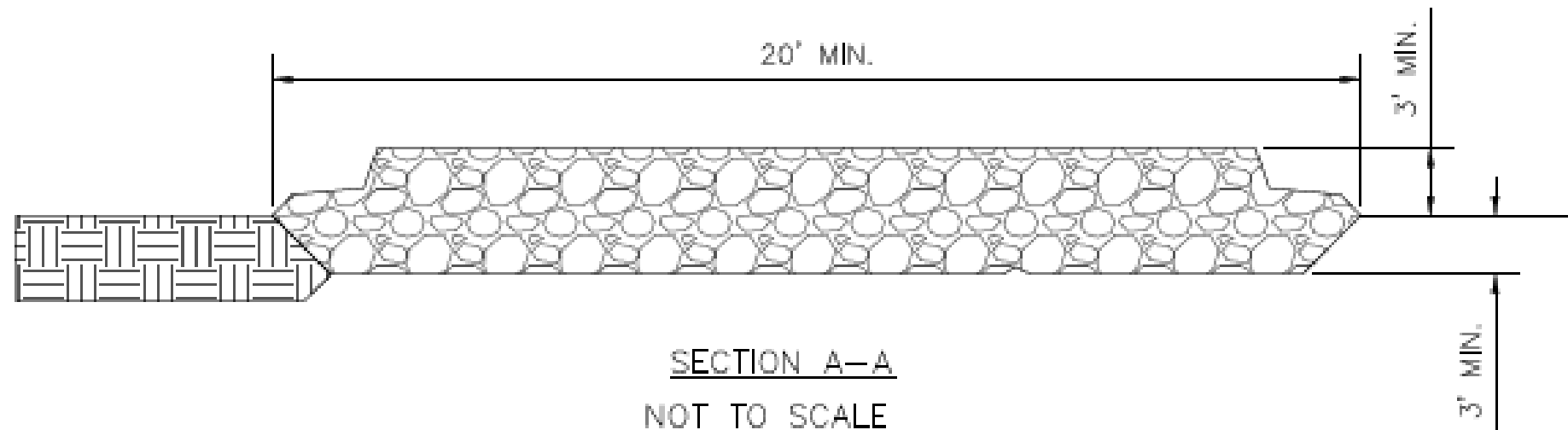
C8



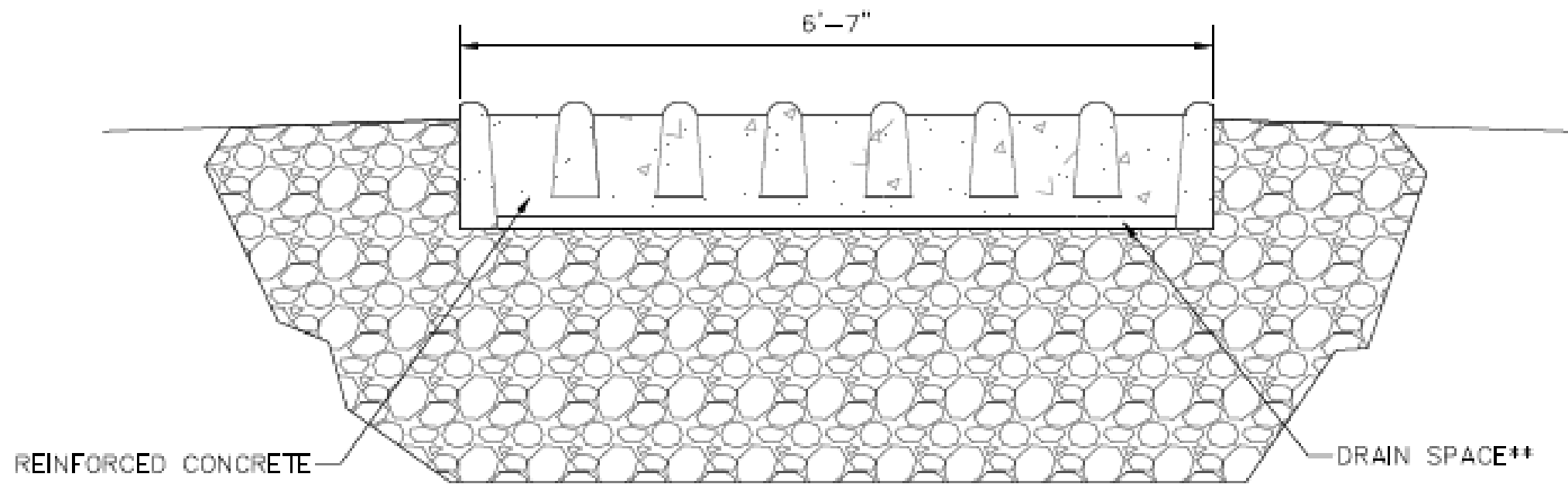
SIDE ELEVATION  
NOT TO SCALE



PLAN VIEW  
NOT TO SCALE



SECTION A-A  
NOT TO SCALE



SECTION B-B  
NOT TO SCALE

TEMPORARY CONSTRUCTION ENTRANCE PAD NOTES:

A) INSTALLATION:

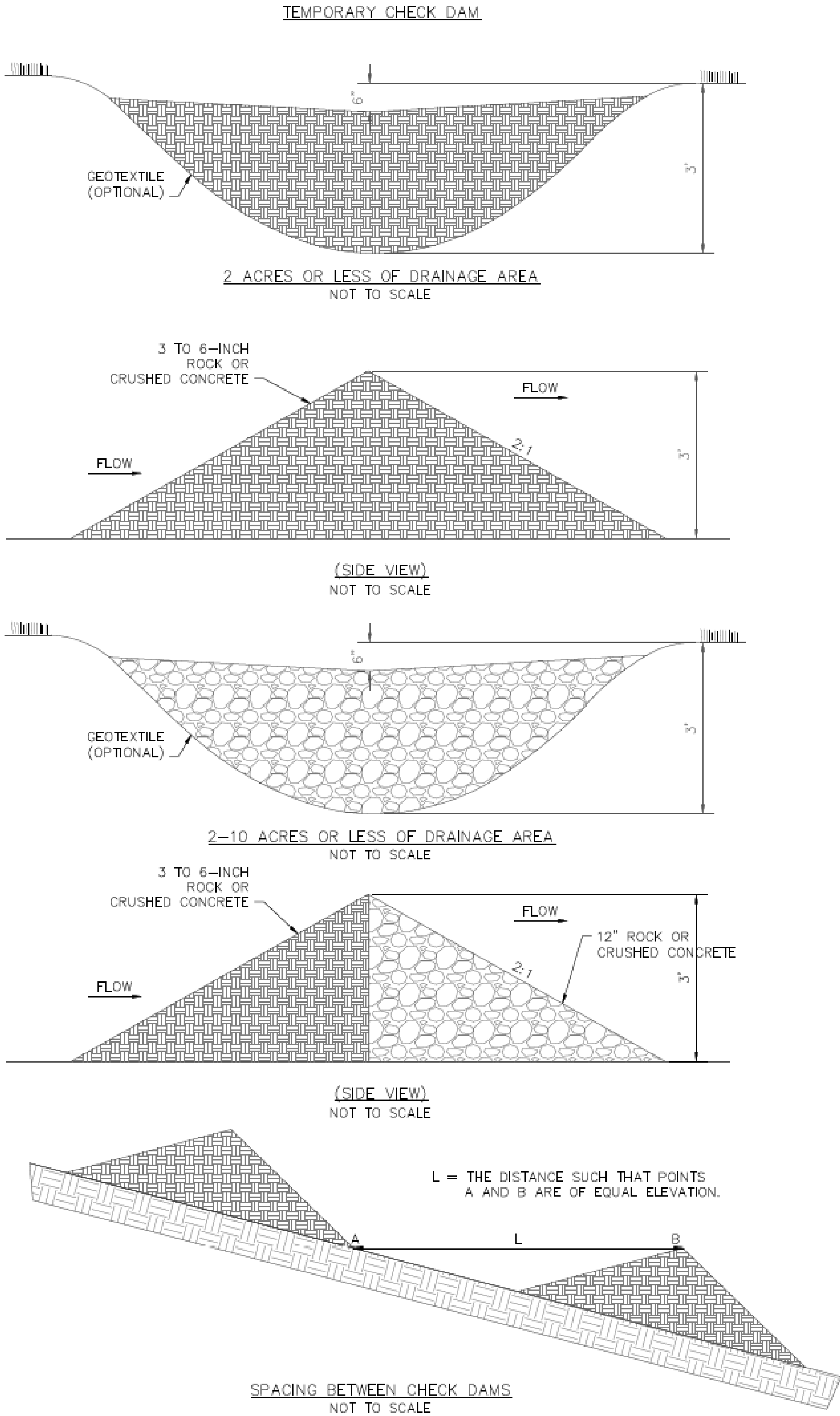
1. AVOID LOCATION ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS, IF POSSIBLE, LOCATE WHERE PERMANENT ROADS WILL EVENTUALLY BE CONSTRUCTED.
2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND CROWN FOR POSITIVE DRAINAGE.
3. IF SLOPE TOWARDS THE PUBLIC ROAD EXCEEDS 2%, CONSTRUCT A 6 TO 8-INCH HIGH RIDGE WITH 3H:1V SIDE SLOPES ACROSS THE FOUNDATION APPROXIMATELY 15 FEET FROM THE EDGE OF THE PUBLIC ROAD TO DIVERT RUNOFF.
4. INSTALL PIPE UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE DITCHES ALONG PUBLIC ROADS.
5. PLACE ROCK OR CRUSHED CONCRETE TO DIMENSIONS AND GRADE AS SHOWN ON PLANS. LEAVE SURFACE SMOOTH AND SLOPED FOR DRAINAGE.
6. DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE ENTRANCE TO A SEDIMENT CONTROL DEVICE.
7. CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED SIMULTANEOUSLY WITH THE RECEIVING SEDIMENT CONTROL DEVICE.
8. SEE ESC 3—STANDARD SPECIFICATION, SUBSECTION 4.13 (STABILIZED PAD)

B) TROUBLESHOOTING:

1. CONSULT WITH A QUALIFIED DESIGN PROFESSIONAL IF ANY OF THE FOLLOWING OCCUR:
  - a. INADEQUATE RUNOFF CONTROL TO THE EXTENT THAT SEDIMENT WASHES ONTO PUBLIC ROAD — INSTALL DIVERSIONS OR OTHER RUNOFF CONTROL MEASURES.
  - b. SMALL ROCK OR CRUSHED CONCRETE, THIN PAD, OR ABSENCE OF GEOTEXTILE FABRIC RESULTS IN RUTS AND MUDDY CONDITIONS AS ROCK OR CRUSHED CONCRETE IS PRESSED INTO SOIL — INCREASE ROCK OR CRUSHED CONCRETE SIZE OR PAD THICKNESS OR ADD GEOTEXTILE FABRIC.
  - c. PAD TOO SHORT FOR HEAVY CONSTRUCTION TRAFFIC — EXTEND PAD BEYOND THE MINIMUM 50-FOOT LENGTH AS NECESSARY.

C) INSPECTION AND MAINTENANCE:

1. INSPECT ROCK PAD AND SEDIMENT DISPOSAL AREA WEEKLY AND AFTER 1/2-INCH OR GREATER STORM EVENTS.
2. RESHAPE PAD AS NEEDED FOR PROPER DRAINAGE AND RUNOFF CONTROL.
3. TOPDRESS WITH CLEAN 2-INCH ROCK OR CRUSHED CONCRETE AS NEEDED.
4. IMMEDIATELY REMOVE MUD OR SEDIMENT TRACKED OR WASHED ONTO PUBLIC ROAD. REPAIR ANY BROKEN ROAD PAVEMENT IMMEDIATELY.
5. REMOVE ALL TEMPORARY ROAD MATERIALS FROM AREAS WHERE PERMANENT VEGETATION WILL BE ESTABLISHED.



TEMPORARY CHECK DAM NOTES:

A) CONSTRUCTION:

1. THE DRAINAGE AREA OF THE DITCH OR SWALE BEING PROTECTED SHALL NOT EXCEED 2 ACRES WHEN 3 TO 6 INCHES OF MATERIAL IS USED ALONE AND SHALL NOT EXCEED 10 ACRES WHEN A COMBINATION OF 12" MATERIAL AND 3 TO 6 INCH MATERIAL IS USED. AN EFFORT SHOULD BE MADE TO EXTEND THE MATERIAL TO THE TOP OF CHANNEL BANKS.
2. THE MAXIMUM HEIGHT OF THE DAM SHALL BE 3 FEET. THE CENTER OF THE CHECK DAM IS AT THE SAME ELEVATION AS THE TOP OF THE OUTER EDGES.
3. FOR ADDED STABILITY, THE BASE OF THE CHECK DAM CAN BE KEYED INTO THE SOIL APPROXIMATELY 6 INCHES.
4. THE MAXIMUM SPACING BETWEEN THE DAMS SHOULD BE SUCH THAT THE TOE OF THE UPSTREAM DAM IS AT THE SAME ELEVATION AS THE TOP OF THE DOWNSTREAM DAM.
5. MATERIAL SHOULD BE PLACED ACCORDING TO THE CONFIGURATION TO THE LEFT. HAND OR MECHANICAL PLACEMENT WILL BE NECESSARY TO ACHIEVE COMPLETE COVERAGE OF THE DITCH OR SWALE AND TO ENSURE THAT THE CENTER OF THE DAM IS LOWER THAN THE EDGES.
6. GEOTEXTILE MAY BE USED UNDER THE ROCK OR CRUSHED CONCRETE TO PROVIDED A STABLE FOUNDATION AND TO FACILITATE REMOVAL OF THE MATERIAL.

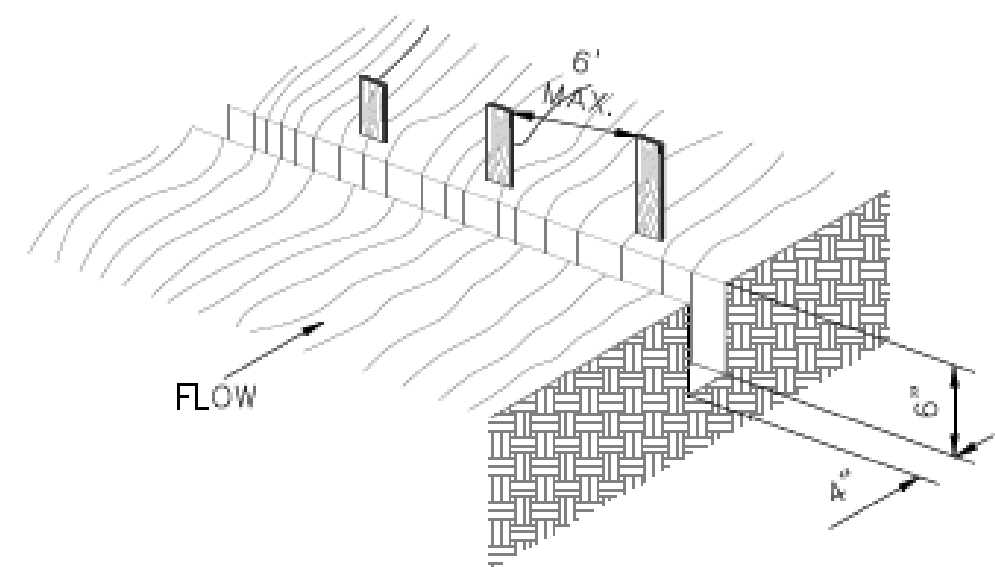
B) INSPECTION AND MAINTENANCE:

1. CHECK DAMS SHOULD BE CHECKED FOR SEDIMENT ACCUMULATION AFTER EACH STORM EVENT OF THE 1/2-INCH OR GREATER. SEDIMENT SHOULD BE REMOVED WHEN IT REACHES ONE HALF OF THE ORIGINAL HEIGHT OF THE DAM.
2. REGULAR INSPECTIONS SHOULD BE MADE TO ENSURE THAT THE CENTER OF THE DAM IS LOWER THAN THE EDGES. EROSION CAUSED BY HIGH FLOWS AROUND THE EDGES OF THE DAM SHOULD BE CORRECTED.
3. SEE ESC 3-STANDARD SPECIFICATION, SUBSECTION 4.3 FOR THE SEDIMENT REMOVAL AND DISPOSAL REQUIREMENTS.

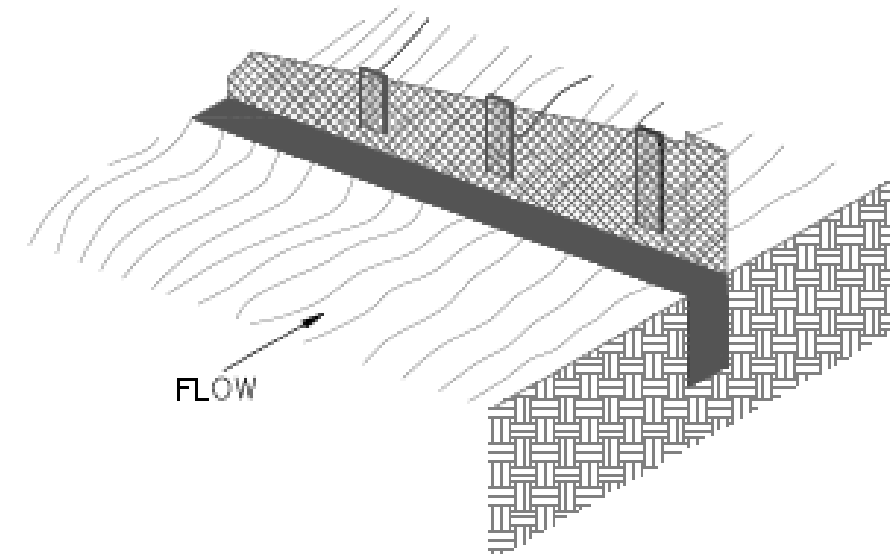
C) REMOVAL OF PRACTICE:

1. ALTERNATE CHECK DAM MATERIAL INCLUDES SEDIMENT FENCE (REINFORCED).
2. SEDIMENT FENCE OR STRAW BALE BARRIER MAY BE USED WHEN CONTRIBUTING DRAINAGE AREA IS 1 ACRE OR LESS, OR AS APPROVED BY THE CITY.

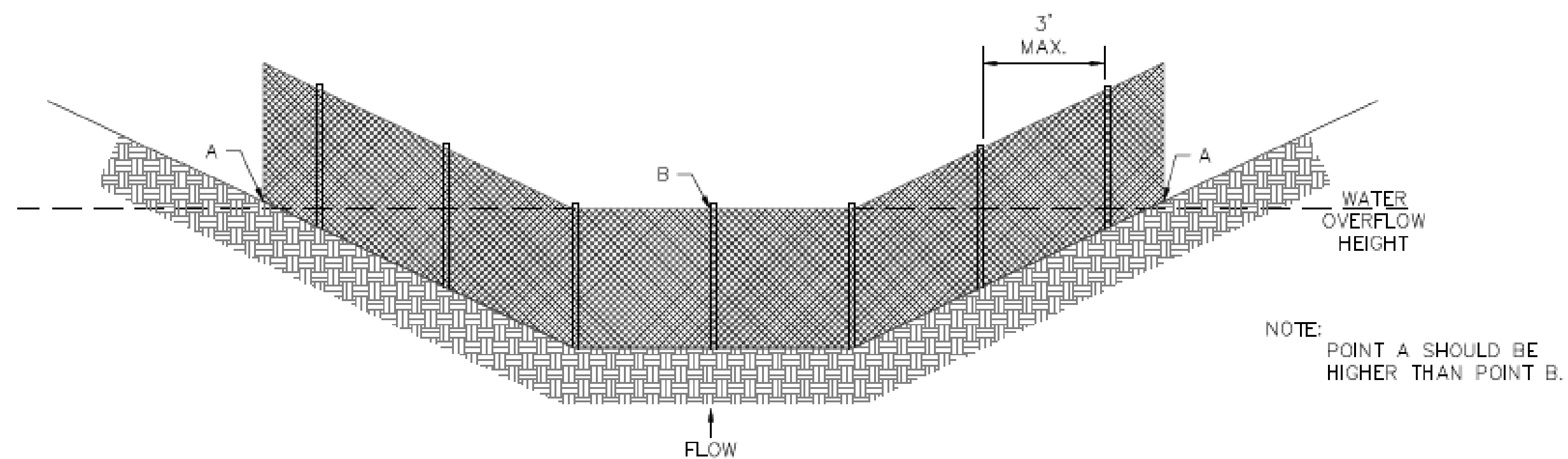
2. SET THE STAKES ALONG THE DOWN SLOPE SIDE OF THE TRENCH.



4. BACKFILL AND COMPACT THE EXCAVATION SOIL OVER THE GEOTEXTILE IN THE TRENCH.



DRAINAGEWAY INSTALLATION  
(FRONT VIEW)  
NOT TO SCALE



NOTE: POINT A SHOULD BE HIGHER THAN POINT B.

1. THE HEIGHT OF SEDIMENT FENCE SHALL BE A MINIMUM OF 16 INCHES ABOVE THE ORIGINAL GROUND SURFACE AND SHALL EXCEED 34 INCHES ABOVE THE GROUND SURFACE.
2. THE FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL OUT OF THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE UNAVOIDABLE, FILTER CLOTH SHALL BE SPLICED TOGETHER ONLY AT SUPPORT POSTS, WITH A MIN. 6-INCH OVERLAP.
3. DIG A TRENCH AT LEAST 6 INCHES DEEP AND 4 INCHES WIDE ALONG TRENCH ALIGNMENT.
4. DRIVE POSTS AT LEAST 24 INCHES INTO THE GROUND ON THE DOWNSLOPE SIDE OF THE TRENCH. SPACE POSTS A MAXIMUM OF 6 FEET APART.
5. EXTRA-STRENGTH SEDIMENT FENCE FABRIC SHALL BE USED. POSTS FOR THIS TYPE OF FABRIC SHALL BE PLACED A MAXIMUM OF 6 FEET APART. THE SEDIMENT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING A MAXIMUM OF ONE INCH LONG, HEAVY-DUTY WIRE STAPLES OR TIE WRAPS, AND EIGHT INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT BE STAPLED TO EXISTING TREES.
6. PLACE THE BOTTOM 1 FOOT OF FABRIC IN THE MINIMUM-OF-6-INCH DEEP TRENCH, LAPPING TOWARD THE UPSLOPE SIDE. BACKFILL WITH COMPACTED EARTH OR GRAVEL.
7. IF A SEDIMENT FENCE IS TO BE CONSTRUCTED ACROSS A DITCH LINE OR SWALE, IT MUST BE OF SUFFICIENT LENGTH TO ELIMINATE ENDFLOW, AND THE PLAN CONFIGURATION SHALL RESEMBLE AN ARC OR HORSESHOE WITH THE ENDS ORIENTED UPSLOPE. EXTRA-STRENGTH FILTER FABRIC SHALL BE USED FOR THIS APPLICATION WITH A MAXIMUM OF 3-FOOT SPACING OF POSTS.
8. TO REDUCE MAINTENANCE, EXCAVATE A SHALLOW SEDIMENT STORAGE AREA IN THE UPSLOPE SIDE OF THE FENCE. PROVIDE GOOD ACCESS IN AREAS OF HEAVY SEDIMENTATION FOR CLEAN OUT AND MAINTENANCE.
9. SEDIMENT FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS ESTABLISHED PERMANENT VEGETATION.
10. SEE ESC 3-STANDARD SPECIFICATION, SUBSECTION 4.4 (SEDIMENT FENCE).

1. DETERMINE THE EXACT LOCATION OF THE UNDERGROUND UTILITIES, BEFORE FENCE INSTALLATION SO UTILITIES ARE NOT DISTURBED.
2. GRADE ALIGNMENT OF FENCE AS NEEDED TO PROVIDE A BROAD, NEARLY LEVEL AREA UPSTREAM OF FENCE TO ALLOW SEDIMENT COLLECTION AREA.

1. INSPECT SEDIMENT FENCES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY.
2. SHOULD THE FABRIC OF A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE, OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY.
3. REMOVE SEDIMENT DEPOSITS AS DIRECTED BY ENGINEER TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. AVOID DAMAGING OR UNDERMINING THE FENCE DURING CLEANOUT. SEDIMENT ACCUMULATION SHOULD NOT EXCEED 1/2 THE HEIGHT OF THE FENCE.
4. REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS, AND BENCH THE AREA TO GRADE AND STABILIZE IT AFTER THE THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY AND COMPLETELY STABILIZED.
5. MATERIAL REMOVED FROM BMP'S SHALL BE WASTED ON SITES APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE, AND SITE LOCATION. DISPOSAL SITES SHALL ALSO BE ACCEPTABLE TO KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT, KANSAS DIVISION OF WATER RESOURCES, AND US ARMY CORP OF ENGINEERS.
6. SEE ESC 3—STANDARD SPECIFICATION, SUBSECTION 4.3 FOR SEDIMENT REMOVAL AND DISPOSAL REQUIREMENTS.

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**SOUTH OVERFLOW PARKING LOT**  
**SALINA, KANSAS**

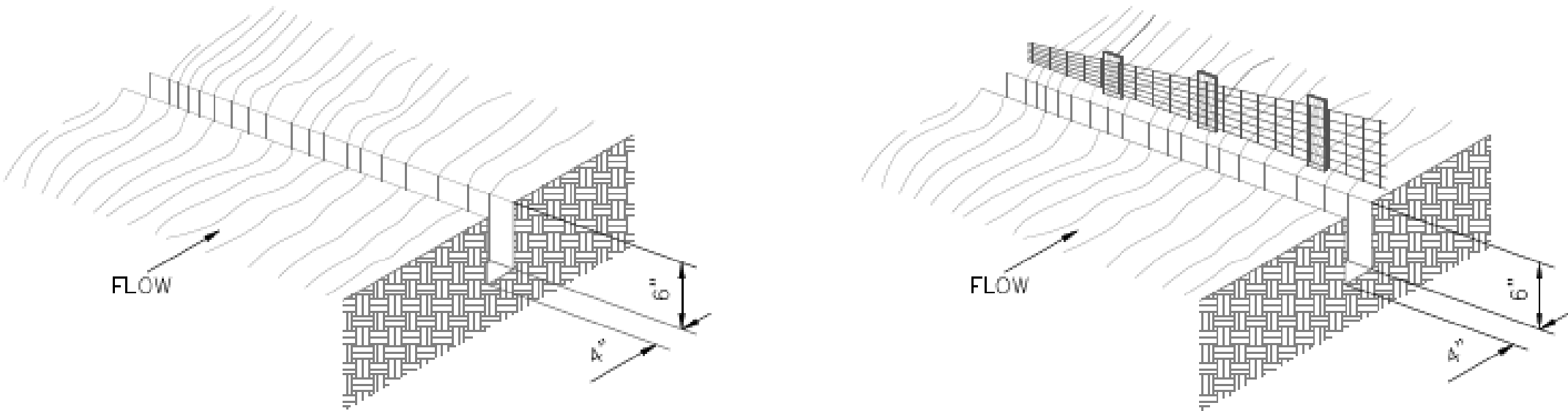
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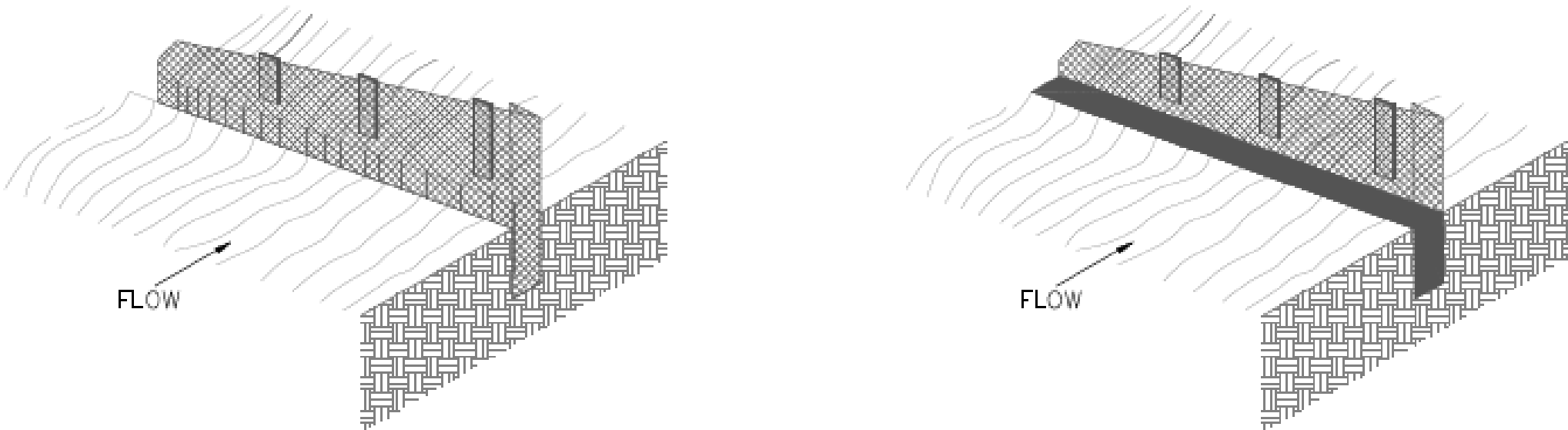


SEDIMENT FENCE (REINFORCED)

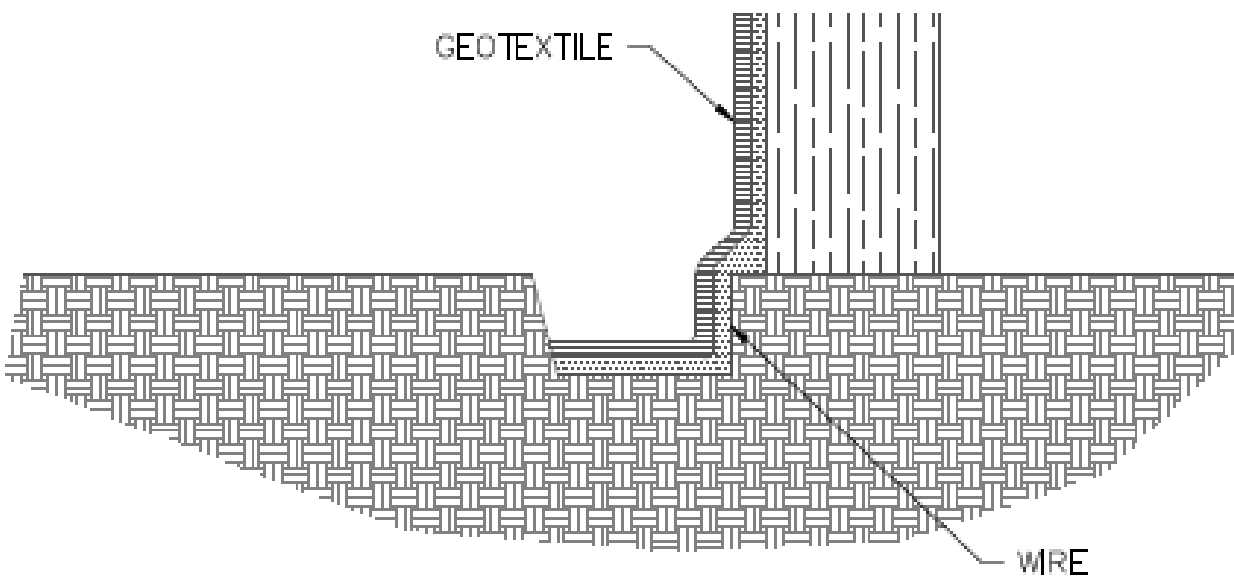
1. EXCAVATE A 6"x4" TRENCH.
2. SET THE METAL T-POSTS OR FENCE POSTS ALONG THE DOWNSLOPE SIDE OF THE TRENCH. SECURE WIRE FENCING ON THE POSTS.



3. ATTACH THE GEOTEXTILE FABRIC TO THE WIRE FENCE AND EXTEND IT INTO AND AROUND THE BOTTOM OF THE TRENCH.
4. BACKFILL AND COMPACT THE EXCAVATION SOIL.



EXTENSION OF FABRIC AND WIRE INTO THE TRENCH  
NOT TO SCALE



SECTIONAL FENCE ANCHOR DETAIL  
NOT TO SCALE

SEDIMENT FENCE (REINFORCED) NOTES:

A) INSTALLATION:

- FENCING SHALL BE 42-INCHES IN HEIGHT.
- WIRE FENCE SHALL BE FASTENED SECURELY TO THE FENCE POSTS WITH WIRE TIES AND STAPLES. THE LOWER TENSION EIRE, BRACE, AND TRUSS RODS. DRIVE ANCHORS, AND POST CAPS ARE NOT REQUIRED EXCEPT ON THE ENDS OF THE FENCE.
- SEDIMENT FENCE SHALL BE FASTENED SECURELY TO THE WIRE FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP AND MID-SECTION.
- SEDIMENT FENCE AND WIRE SHALL BE EMBEDDED A MINIMUM OF 8-INCHES INTO THE GROUND.
- WHEN TWO SECTIONS OF THE GEOTEXTILE FABRIC ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY 6-INCHES AND FOLDED.
- WIRE FENCE WILL BE BETWEEN 9 AND 14 GAUGE AND SHALL HAVE A MAXIMUM MESH SPACING OF 6-INCHES.
- SEDIMENT FENCE SHALL MEET THE FOLLOWING REQUIREMENTS FOR GEOTEXTILE CLASS F1. ADDITIONAL SPECIFICATIONS ARE FOUND IN ASTM 6461.

SEDIMENT FENCE REQUIREMENTS

TENSION STRENGTH	50 LB/IN OR MORE	ASTM 4632
TENSION MODULES	20 LB/IN OR MORE	ASTM 4632
FLOW RATE	0.3 GAL/FT <sup>2</sup> /MINUTE OR LESS	ASTM 5141
FILTERING EFFICIENCY	75% OR MORE	ASTM 5141

B) INSTALLATION:

- THE HEIGHT OF SEDIMENT FENCE SHALL BE A MINIMUM OF 16 INCHES ABOVE THE ORIGINAL GROUND SURFACE AND SHALL EXCEED 34 INCHES ABOVE THE GROUND SURFACE.
- THE FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL OUT OF THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE UNAVOIDABLE, FILTER CLOTH SHALL BE SPLICED TOGETHER ONLY AT SUPPORT POSTS, WITH A MIN. 6-INCH OVERLAP, AND SECURELY SEALED.
- A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4 INCHES WIDE AND 6 INCHES DEEP ON THE UPSLOPE SIDE OF THE PROPOSED LOCATION OF THE FENCE.
- WHEN WIRE SUPPORT IS USED, STANDARD-STRENGTH FILTER CLOTH MAY BE USED. POSTS FOR THIS TYPE OF INSTALLATION SHALL BE PLACED A MAXIMUM OF 10 FEET APART. THE WIRE MESH FENCE MUST BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES AT LEAST 1 INCH LONG, TIE WIRES OR HOG RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MAXIMUM OF 2 INCHES AND SHALL NOT EXTEND MORE THAN 34 INCHES ABOVE THE ORIGINAL GROUND SURFACE. THE STANDARD-STRENGTH FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE, AND 8 INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT BE STAPLED TO EXISTING TREES.
- IF A SEDIMENT FENCE IS TO BE CONSTRUCTED ACROSS A DITCH LINE OR SWALE, IT MUST BE OF SUFFICIENT LENGTH TO ELIMINATE ENDFLOW, AND THE PLAN CONFIGURATION SHALL RESEMBLE AN ARC OR HORSESHOE WITH THE ENDS ORIENTED UPSLOPE. EXTRA-STRENGTH FILTER FABRIC SHALL BE USED FOR THIS APPLICATION WITH A MAXIMUM OF 3-FOOT SPACING OF POSTS.
- THE 4 INCH BY 6 INCH TRENCH SHALL BE BACKFILLED AND THE SOIL COMPACTED OVER THE FILTER FABRIC.
- SEE ESC 3-STANDARD SPECIFICATION, SUBSECTION 4.4 (SEDIMENT FENCE).

C) INSPECTION AND MAINTENANCE:

- INSPECT SEDIMENT FENCES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY.
- SHOULD THE FABRIC OF A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE, OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY.
- MAINTENANCE SHALL BE PREFORMED AS DIRECTED BY ENGINEER AND SEDIMENT BUILD-UPS REMOVED WHEN BULGES DEVELOP IN THE SEDIMENT FENCE OR WHEN SEDIMENT REACHES 50% OF THE FENCE HEIGHT. AVOID DAMAGING OR UNDERMINING THE FENCE DURING CLEAN OUT.
- REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS, AND BEING THE AREA TO GRADE AND STABILIZE IT AFTER THE THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY AND COMPLETELY STABILIZED.
- MATERIAL REMOVED FROM BMP'S SHALL BE WASTED ON SITES APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE, AND SITE LOCATION. DISPOSAL SITES SHALL ALSO BE ACCEPTABLE TO KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT, KANSAS DIVISION OF WATER RESOURCES, AND US ARMY CORP OF ENGINEERS.
- SEE ESC 3-STANDARD SPECIFICATION, SUBSECTION 4.3 FOR SEDIMENT REMOVAL AND DISPOSAL REQUIREMENTS.

LOCHNER

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SOUTH OVERFLOW PARKING LOT  
SALINA, KANSAS

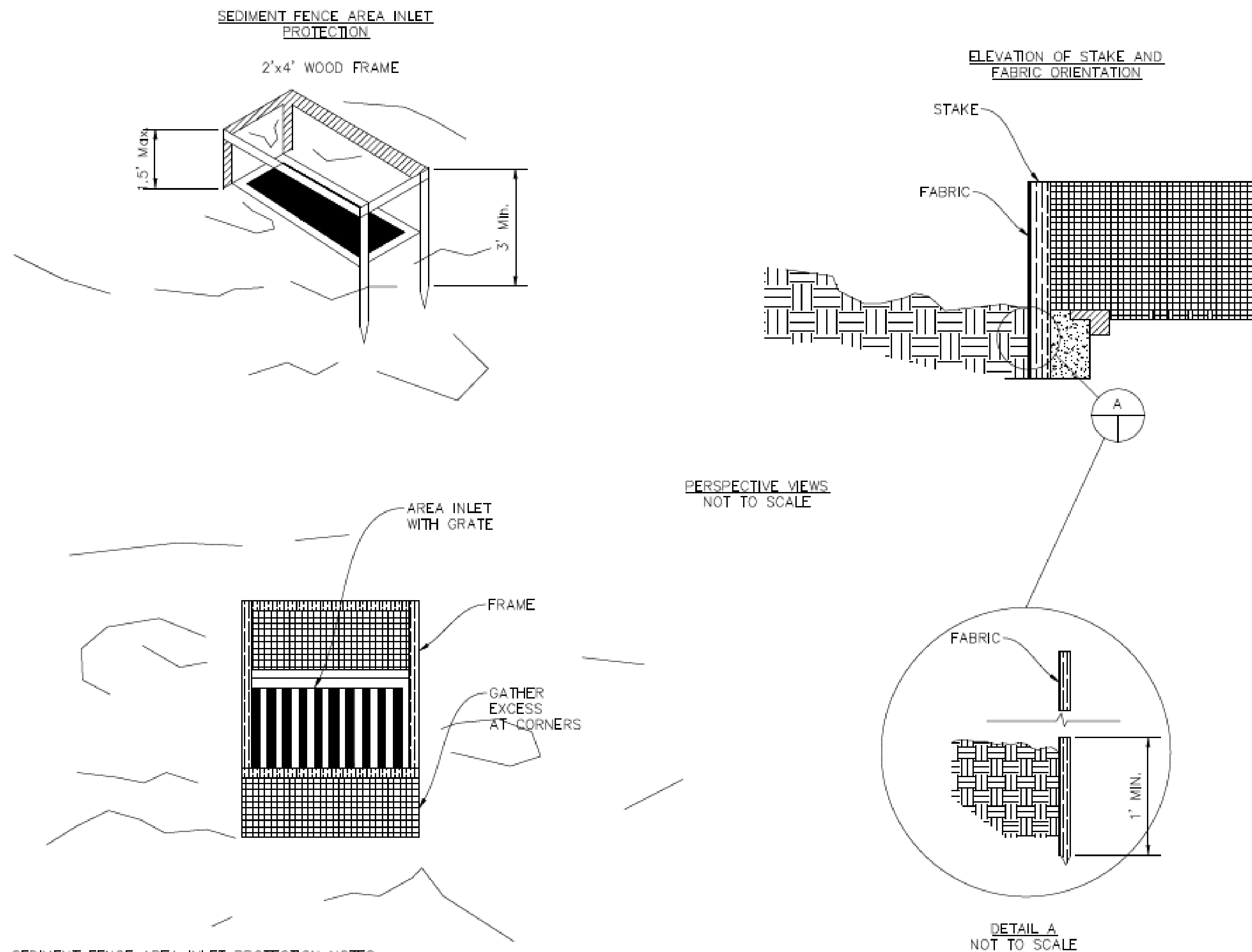
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CHECKED BY	MJJ
DESIGNED BY	JSD
REVISIONS	

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SEDIMENT FENCE  
REINFORCED

C12

SHEET 12 OF 19



SEDIMENT FENCE AREA INLET PROTECTION NOTES:

A) CONSTRUCTION SPECIFICATIONS:

1. SEDIMENT FENCE SHALL CONFORM TO THE CONSTRUCTION SPECIFICATIONS FOR EXTRA STRENGTH FOUND IN THE TABLE BELOW AND SHALL BE CUT FROM A CONTINUOUS ROLL TO AVOID JOINTS.

PHYSICAL PROPERTIES OF FABRIC IN SEDIMENT FENCE:

PHYSICAL PROPERTY	TEST	REQUIREMENTS
FILTERING EFFICIENCY	ASTM 5141	75%
TENSILE STRENGTH AT 20% (MAX.) ELONGATION	ASTM 4632 AASHTO M288-96	EXTRA STRENGTH- 50LBS./LINEAR INCH
FLOW RATE	ASTM 5141	.3GAL./SQ.FT/ MINUTE**
ULTRAVIOLET RADIATION STABILITY %	ASTM D 4355	90%

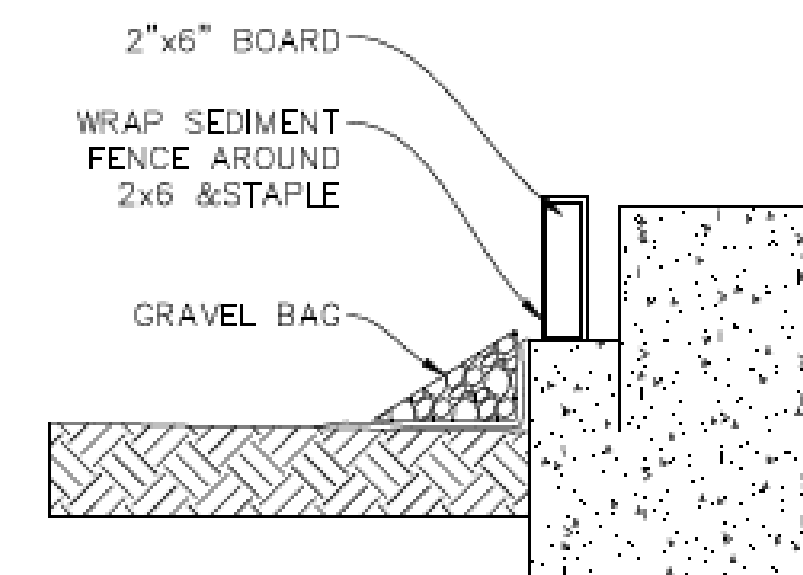
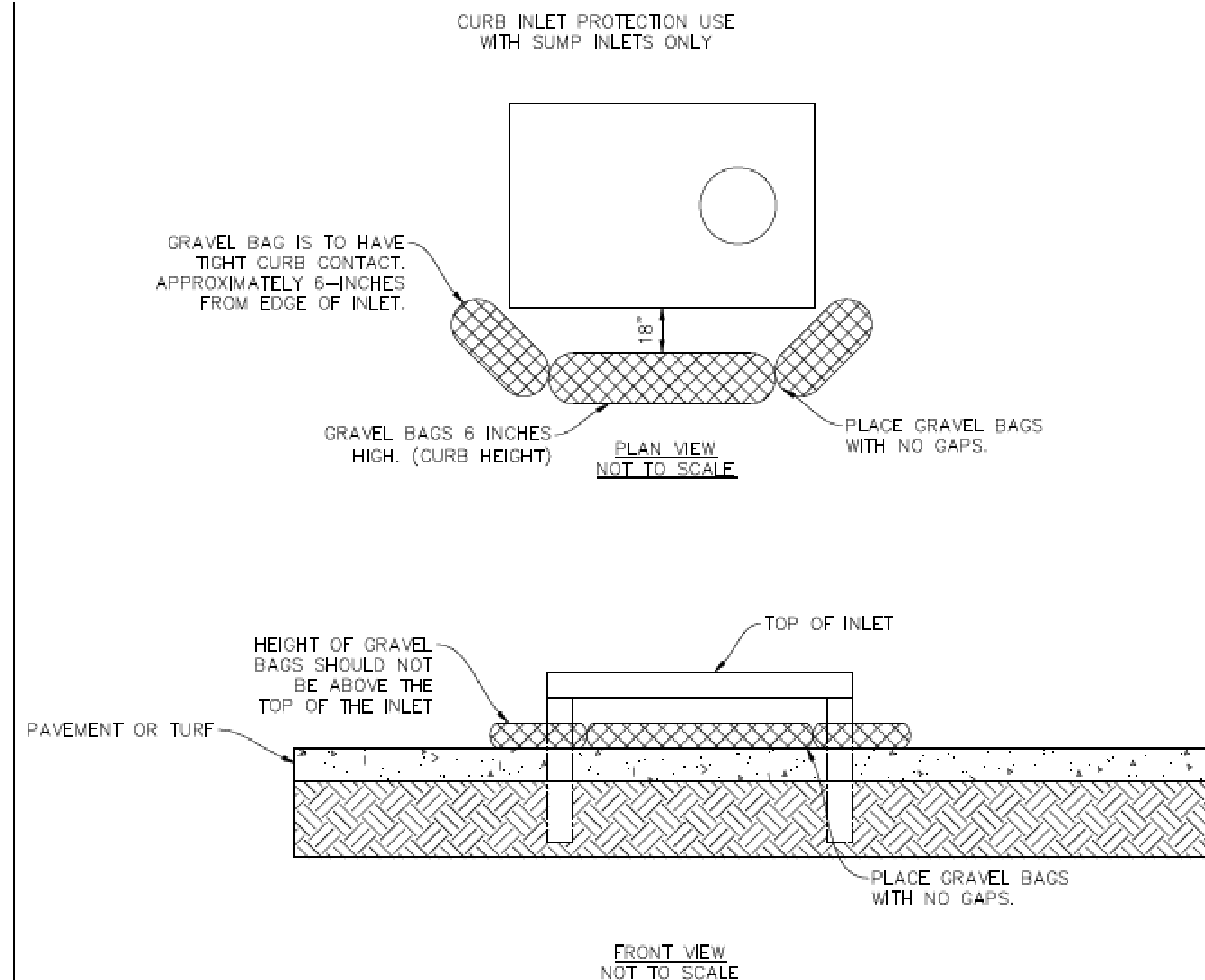
\*REQUIREMENTS REDUCED BY 50% AFTER SIX MONTHS OF INSTALLATION.

\*\* HIGH POROSITY FABRIC MAY BE ADDED, IF NECESSARY.

2. FOR STAKES, USE 2x4 WOOD OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 3 FEET.  
3. SPACE STAKES EVENLY AROUND THE PERIMETER OF THE INLET A MAXIMUM OF 3 FEET APART, AND SECURELY DRIVE THEM INTO THE GROUND, APPROXIMATELY 18 INCHES DEEP.  
4. TO PROMOTE NEEDED STABILITY TO THE INSTALLATION, FRAME WITH 2x4 WOOD STRIPS AROUND THE CREST OF THE OVERFLOW AREA AT A MAXIMUM OF 1.5 FEET ABOVE THE AREA INLET CREST.  
5. PLACE THE BOTTOM 12 INCHES OF THE FABRIC IN A TRENCH AND BACKFILL THE TRENCH WITH 12 INCHES OF COMPACTED SOIL.  
6. FASTEN FABRIC SECURELY BY STAPLES, OR WIRE IT TO THE STAKES AND FRAME. JOINTS MUST BE OVERLAPPED TO THE NEXT STAKE.  
7. IT MAY BE NECESSARY TO BUILD A TEMPORARY DIKE ON THE DOWNSLOPE SIDE OF THE STRUCTURE TO PREVENT BYPASS FLOW.  
8. SEE STANDARD SPECIFICATION, SECTION 4.4, USE REQUIREMENTS ON THIS DRAWING IF CONFLICTING REQUIREMENTS EXIST.

B) INSPECTION AND MAINTENANCE:

1. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN EVENT OF 1/2 INCH OR GREATER AND REPAIRS MADE AS NEEDED.
2. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE HALF THE DESIGN DEPTH OF THE TRAP.
3. STRUCTURES SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE REMAINING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.
4. SEE STANDARD SPECIFICATION, SECTION 4.3 FOR SEDIMENT REMOVAL AND DISPOSAL REQUIREMENTS. USE REQUIREMENTS ON THIS DRAWING IF CONFLICTING REQUIREMENTS EXIST.



FOR PROTECTION PRIOR TO POURING THROAT

DETAIL A  
NOT TO SCALE

CURB INLET PROTECTION NOTES:

### A) INSTALLATION:

1. SEE STANDARD SPECIFICATION, SECTION 4.12 (INLET PROTECTION AND SECTION 4.9 (GRAVEL BAGS).
2. IMMEDIATELY FOLLOWING INLET CONSTRUCTION AND PRIOR TO CONSTRUCTION OF CURB AND INLET THROAT, PROTECT INLET OPENING BY INSTALLING 2"x 6" BOARD AND SEDIMENT FENCING ACROSS INLET OPENING IN ACCORDANCE WITH DETAIL A.

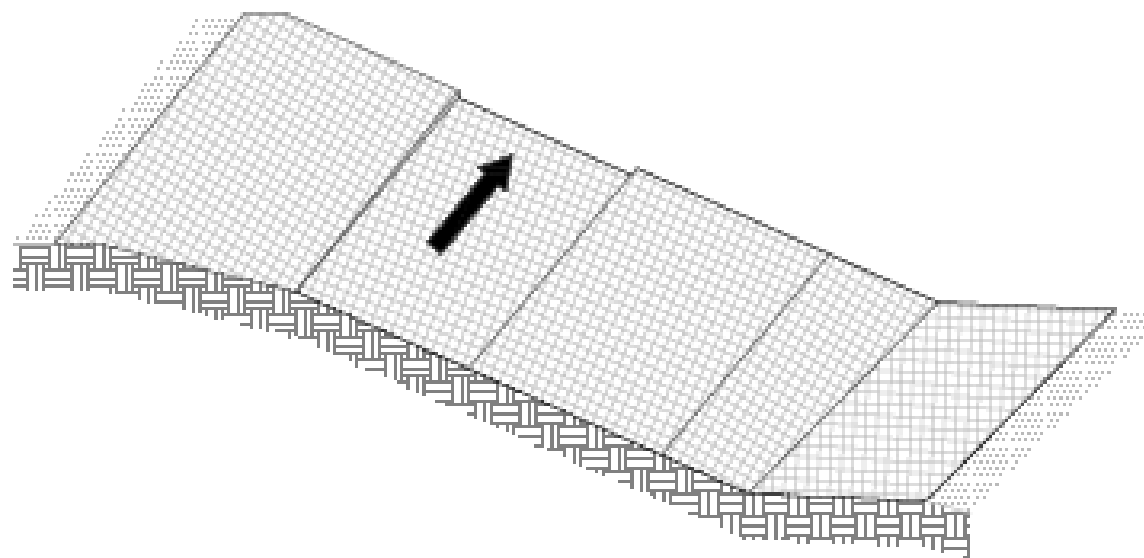
B) INSPECTION AND MAINTENANCE:

1. CONTRACTOR TO CLEAN OUT SEDIMENT AFTER EACH SIGNIFICANT RAINFALL. ANY SEDIMENT DEPOSITED INTO INLET SHALL BE PROMPTLY REMOVED.
2. DURING CONSTRUCTION OF RESIDENTIAL SUBDIVISIONS, THE FILTER BAG SHALL BE REPLACED BEFORE BAG MATERIAL BECOMES DEGRADED. ANY GRAVEL DEPOSITED INTO THE INLET SHALL BE PROMPTLY REMOVED.
3. SEE STANDARD SPECIFICATION, SECTION 4.3 FOR SEDIMENT REMOVAL AND DISPOSAL REQUIREMENTS.

GENERAL NOTES:

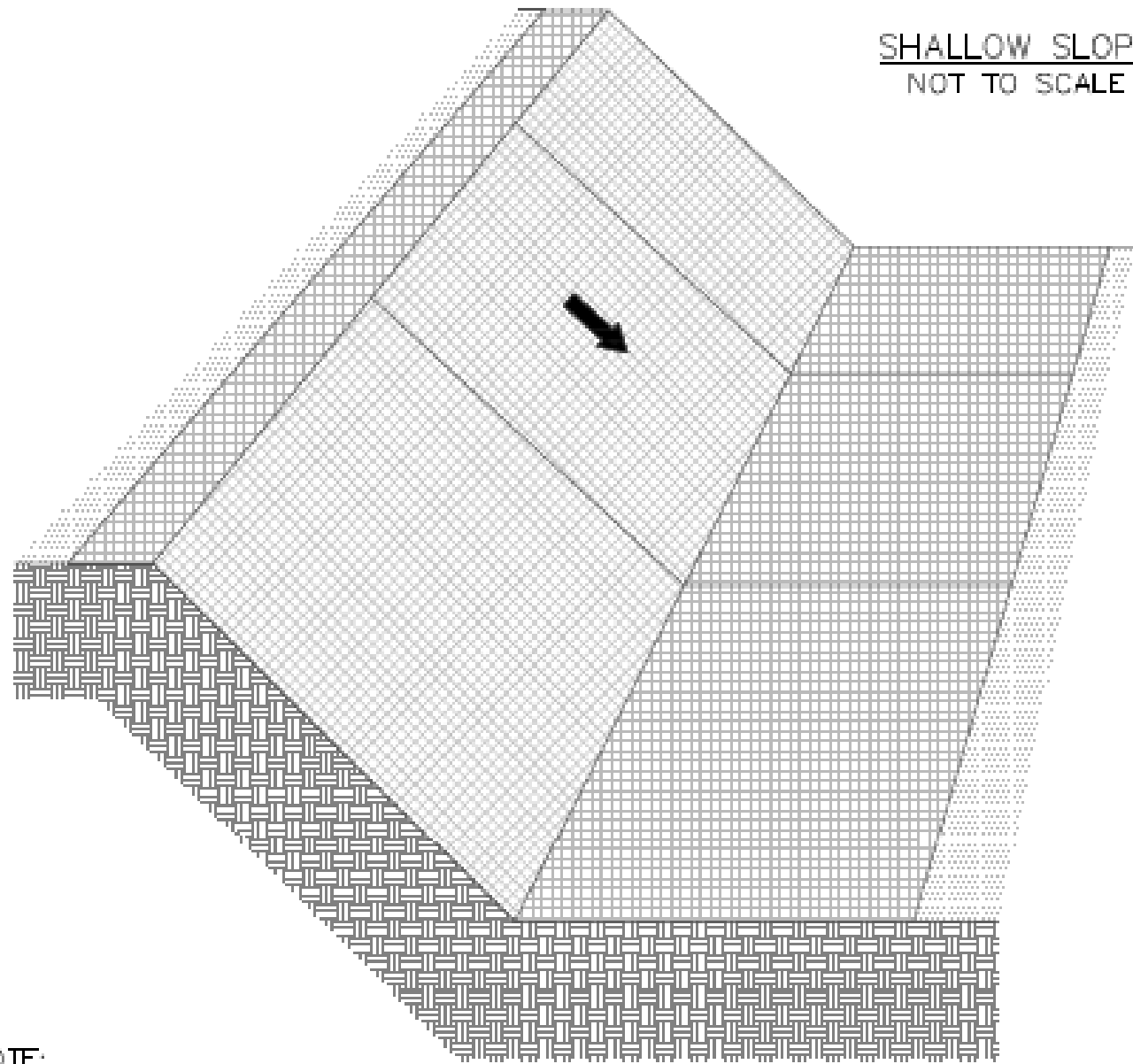
1. CONTRACTORS TO ENSURE THAT GRAVEL IS WELL GRADED GRAVEL WITH AT LEAST 20% PASSING A NO. 4 SIEVE.

EROSION CONTROL BLANKET (1)



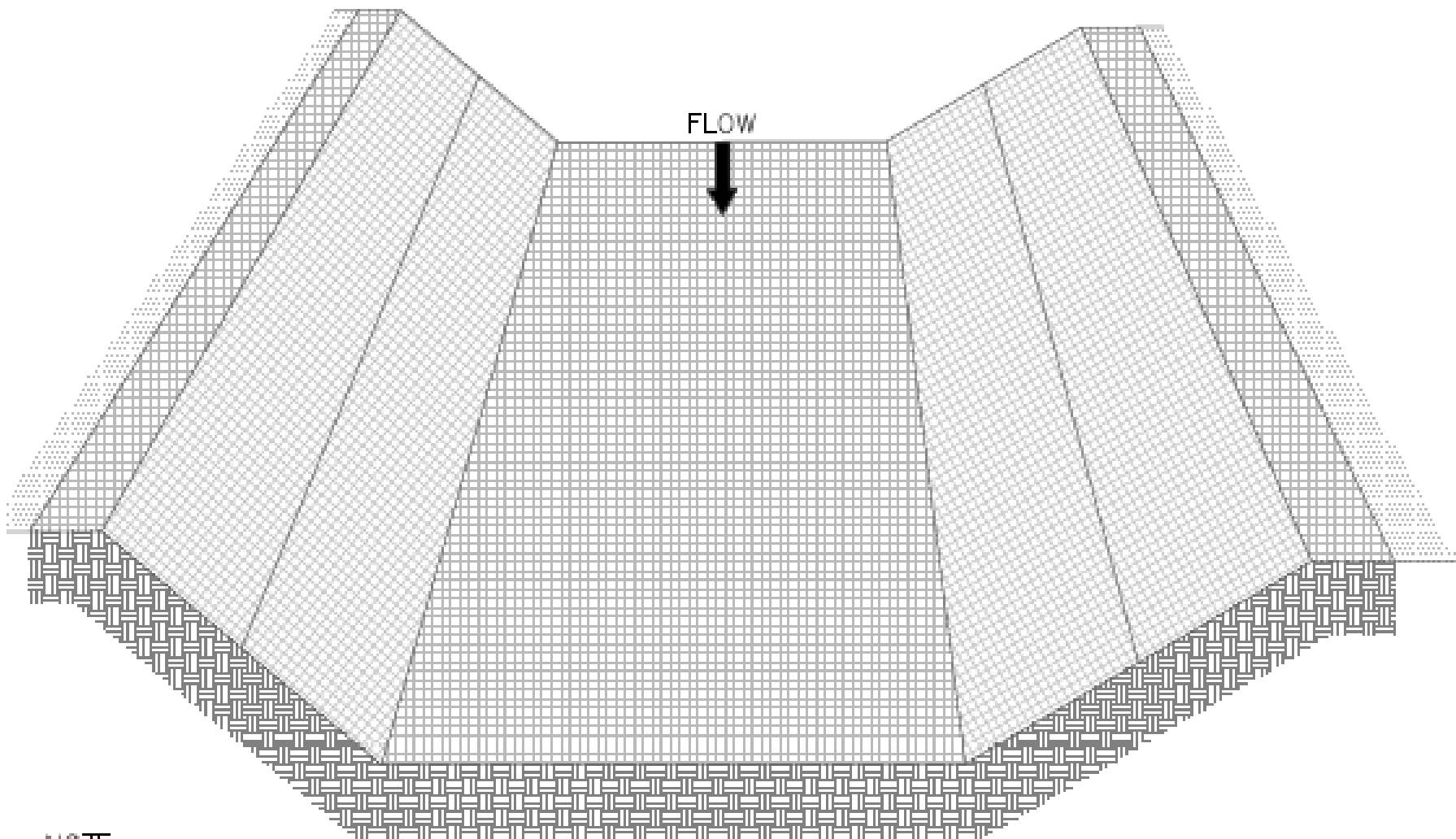
NOTE:  
ON SHALLOW SLOPES,  
PROTECTIVE EROSION CONTROL  
BLANKETS MAY BE APPLIED  
ACROSS THE SLOPE.

SHALLOW SLOPE  
NOT TO SCALE



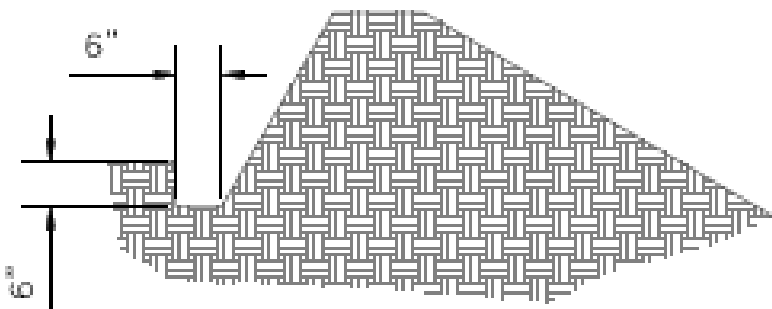
NOTE:  
ON STEEP SLOPES, APPLY  
PROTECTIVE BLANKET  
PERPENDICULAR TO THE  
DIRECTION OF FLOW AND  
ANCHOR SECURELY.

STEEP SLOPE  
NOT TO SCALE



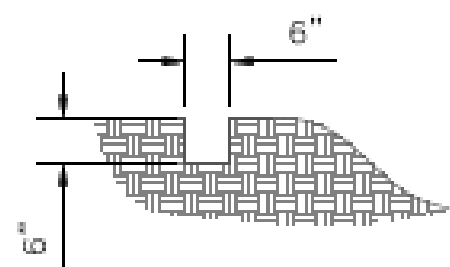
NOTE:  
IN DITCHES, APPLY PROTECTIVE COVERING PARALLEL TO THE  
DIRECTION OF FLOW. USE CHECK SLOTS AS REQUIRED. AVOID  
JOINING MATERIALS IN THE CENTER OF THE DITCH IF AT ALL  
POSSIBLE. FOLLOW BLANKET MANUFACTURER'S  
RECOMMENDATIONS FOR ALLOWABLE VELOCITY AND SHEAR  
STRESS.

DITCH  
NOT TO SCALE



NOTE:  
WHEN THERE IS A BERM AT THE TOP OF THE  
SLOPE, BRING THE MATERIAL OVER THE BERM  
AND ANCHOR IT BEHIND THE BERM.

SLOPE BERM  
NOT TO SCALE



NOTE:  
BRING MATERIAL DOWN TO A LEVEL AREA  
BEFORE TERMINATING THE INSTALLATION.

TOP OF SLOPE BLANKET  
ANCHOR SLOT  
NOT TO SCALE

EROSION CONTROL BLANKET NOTES (1):

A) SITE PREPARATION:

AFTER SITE HAS BEEN SHAPED AND GRADED, PREPARE A FRIABLE SEEDBED RELATIVELY FREE FROM CLODS AND ROCKS MORE THAN 1 1/2 INCHES IN DIAMETER AND ANY FOREIGN MATERIAL THAT WILL PREVENT UNIFORM CONTACT OF THE PROTECTIVE COVERING WITH THE SOIL SURFACE.

B) PLANTING:

LIME, FERTILIZE, AND SEED IN ACCORDANCE WITH SEEDING OR PLANTING PLAN. WHEN USING JUTE MESH ON A SEEDBED AREA, APPLY APPROXIMATELY ONE HALF THE SEED AFTER LAYING THE MAT. THE PROTECTIVE COVERING CAN BE LAID OVER SPRIGGED AREAS WHERE SMALL GRASS PLANTS HAVE BEEN INSERTED INTO THE SOIL. WHERE GROUND COVERS ARE TO BE PLANTED, LAY THE PROTECTIVE COVERING FIRST AND THEN PLANT THROUGH THE MATERIAL AS PER PLANTING PLAN.

C) LAYING AND STAPLING:

IF INSTRUCTIONS HAVE BEEN FOLLOWED, ALL NEEDED CHECK SLOTS WILL HAVE BEEN INSTALLED, AND THE PROTECTIVE COVERING WILL BE LAID ON A FRIABLE SEEDBED FREE FROM CLODS, ROCKS, ROOTS, ETC. THAT MIGHT IMPEDE GOOD CONTACT.

1. START LAYING THE PROTECTIVE COVERING FROM THE TOP OF THE CHANNEL OR SLOPE AND UNROLL DOWN-GRADE. ALLOW TO LAY LOOSELY ON SOIL. DO NOT STRETCH.
2. UPSLOPE ENDS OF THE BLANKET SHOULD BE BURIED IN THE ANCHOR SLOT NO LESS THAN 6-INCHES DEEP. TAMP EARTH.
3. FIRMLY OVER THE MATERIAL, WHEN TOP IS RELATIVELY FLAT, EXTEND BLANKET ABOUT 40 INCHES AWAY FROM THE SLOPE, STAPLE THE MATERIAL AT A MINIMUM OF EVERY 12 INCHES ACROSS THE TOP END.
4. EDGES OVER THE MATERIAL SHALL BE STAPLED EVERY 3 FEET. WHERE MULTIPLE WIDTHS ARE LAID SIDE BY SIDE, THE ADJACENT EDGES SHALL BE OVERLAPPED A MINIMUM OF 6 INCHES AND STAPLED TOGETHER.
5. STAPLES SHALL BE PLACED DOWN THE CENTER, STAGGERED WITH THE EDGES AT 3 FOOT INTERVALS.
6. SEE ESC STANDARD SPECIFICATION, SUBSECTION 3.8 (EROSION CONTROL BLANKETS).

D) TROUBLESHOOTING:

CONSULT WITH A QUALIFIED DESIGN PROFESSIONAL IF ANY OF THE FOLLOWING OCCUR:

1. MOVEMENT OF THE BLANKET OR EROSION UNDER THE BLANKET IS OBSERVED.
2. VARIATIONS IN TOPOGRAPHY ON THE SITE INDICATE EROSION CONTROL MAT WILL NOT FUNCTION AS INTENDED, CHANGES IN PLAN MAY BE NEEDED, OR A BLANKET WITH A SHORTER OR LONGER LIFE MAY BE NEEDED.
3. DESIGN SPECIFICATIONS FOR SEED VARIETY, SEEDING DATES, OR EROSION CONTROL MATERIALS CANNOT BE MET, SUBSTITUTION MAY BE REQUIRED, UNAPPROVED SUBSTITUTIONS COULD RESULT IN FAILURE TO ESTABLISH VEGETATION.

E) MAINTENANCE AND INSPECTION:

INSPECTION CONTROLS AFTER EACH RAIN EVENT OF 1/2 INCH OR GREATER, AND EVERY 7 DAYS UNTIL VEGETATION IS ESTABLISHED, FOR EROSION OR UNDERMINING BENEATH THE NETTING, BLANKETS, OR MATS. IF ANY AREA SHOWS EROSION, PULL BACK THAT PORTION OF THE MATERIAL, ADD SOIL, TAMP DOWN, AND RESEED; RESECURE THE MATERIAL IN PLACE, IF NETTING, BLANKETS OR MATS BECOME DISLOCATED OR DAMAGED, REPAIR OR REPLACE AND RESECURE IMMEDIATELY.

NOTE:  
REFER TO ESC-16.1, EROSION CONTROL BLANKETS (2),  
FOR MORE EROSION CONTROL APPLICATIONS AND  
NOTES.

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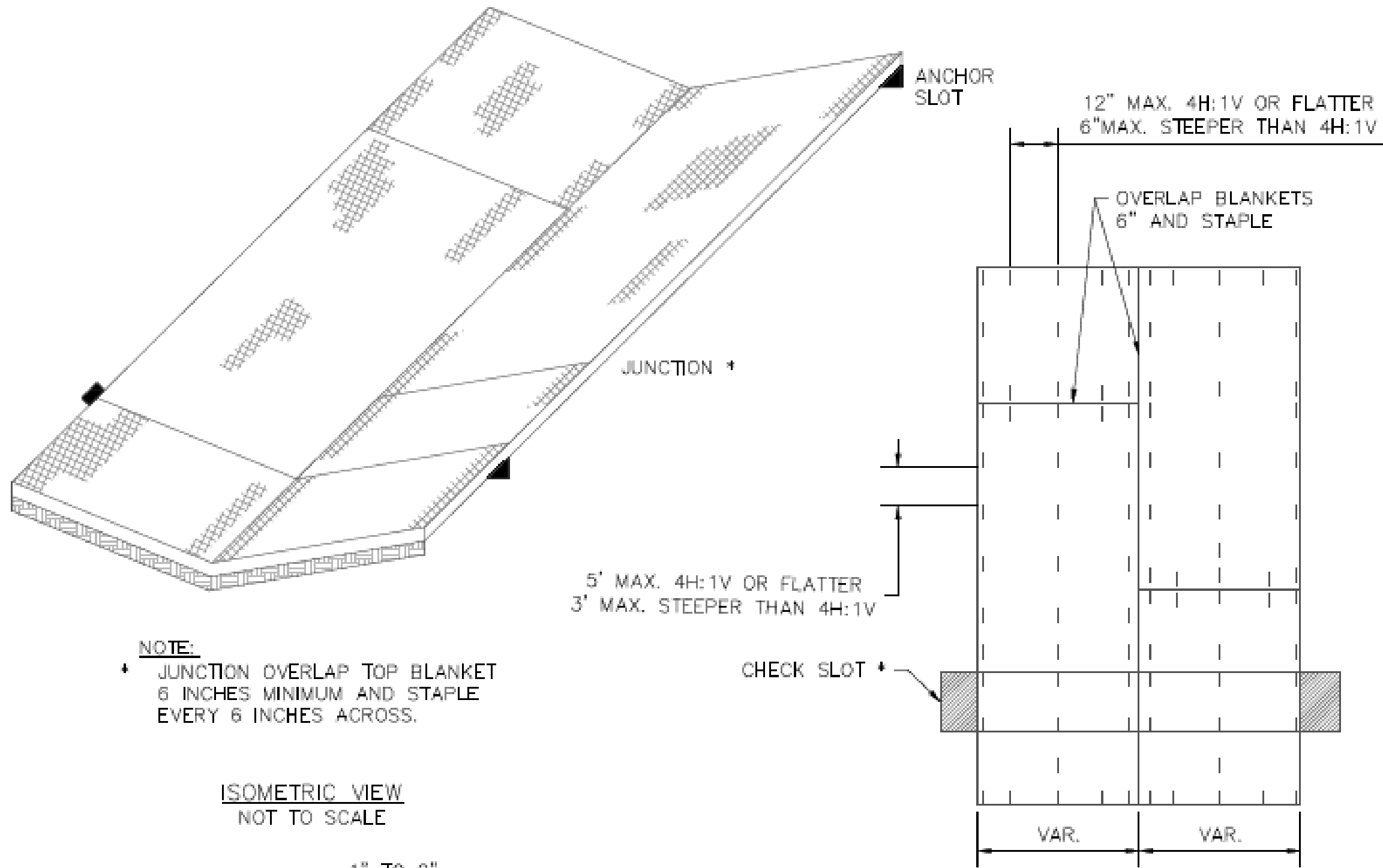
SOUTH OVERFLOW PARKING LOT  
SALINA, KANSAS

PROJECT NO.	000019868
DRAWN BY	RLK
CHECKED BY	MJJ
DESIGNED BY	JSD
REVISIONS	

ISSUE DATE 2/28/2022

EROSION CONTROL  
BLANKET 1 OF 3

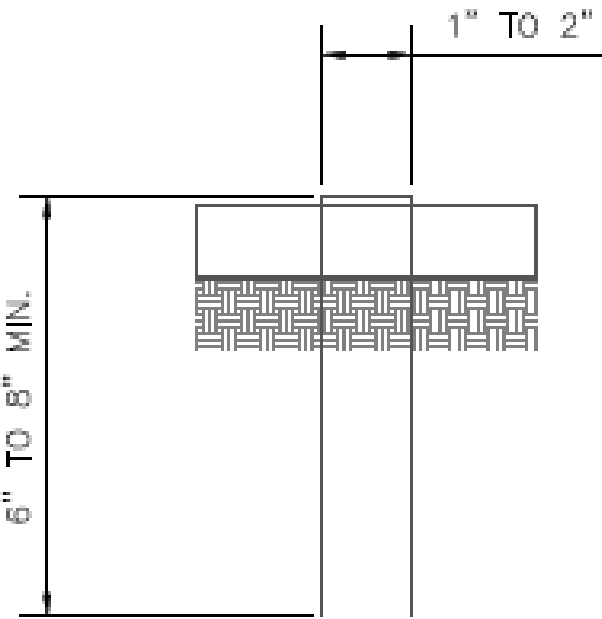
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**NOTE:**

\* JUNCTION OVERLAP TOP BLANKET 6 INCHES MINIMUM AND STAPLE EVERY 6 INCHES ACROSS.

ISOMETRIC VIEW  
NOT TO SCALE



**NOTE:**

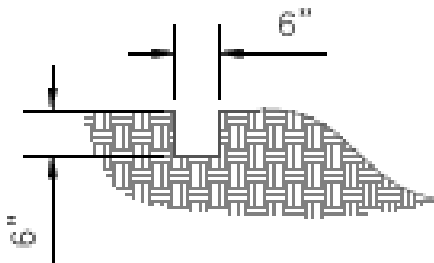
STAPLE FORMED FROM NO. 11 STEEL WIRE. MIN. 8" STAPLE LENGTH FOR SANDY SOIL. MIN. 6" STAPLE LENGTH FOR OTHER SOIL.

STAPLE  
NOT TO SCALE

EROSION CONTROL BLANKET  
INSTALLATION FOR CHANNELS

**NOTE:**

\* CHECK SLOTS AT 50' INTERVALS: NOT REQUIRED WITH ALL COMBINATION BLANKETS.



ANCHOR SLOT  
NOT TO SCALE

EROSION CONTROL BLANKET NOTES (2):

F) STAPLES:

STAPLES FOR ANCHORING BLANKET SHALL BE NO. 11-GAUGE WIRE OR HEAVIER. THEIR LENGTH SHALL BE A MINIMUM OF 6 INCHES. A LARGER STAPLE WITH A LENGTH OF UP TO 12 INCHES SHALL BE USED ON LOOSE, SANDY, OR UNSTABLE SOILS.

G) JOINING PROTECTIVE COVERINGS:

OVERLAP THE END PREVIOUS ROLL A MINIMUM OF 6 INCHES AND STAPLE ACROSS THE END OF THE ROLL JUST BELOW THE ANCHOR SLOT AND ACROSS THE MATERIAL EVERY 6 INCHES.

H) TERMINAL END:

AT THE POINT AT WHICH THE MATERIAL IS DISCONNECTED, OR WHERE THE PROTECTIVE COVERING MEETS A STRUCTURE OR SOME TYPE, STAPLE A MINIMUM OF EVERY 12 INCHES.

I) FINAL CHECK:

THIS INSTALLATION CRITERIA MUST BE ADHERED TO:

1. ALL DISTURBED ARE ARE SEEDED.
2. PROTECTIVE BLANKET IS IN UNIFORM CONTACT WITH THE SOIL.
3. ALL LAP JOINTS ARE SECURE.
4. ALL STAPLES ARE DRIVEN FLUSH WITH THE GROUND.

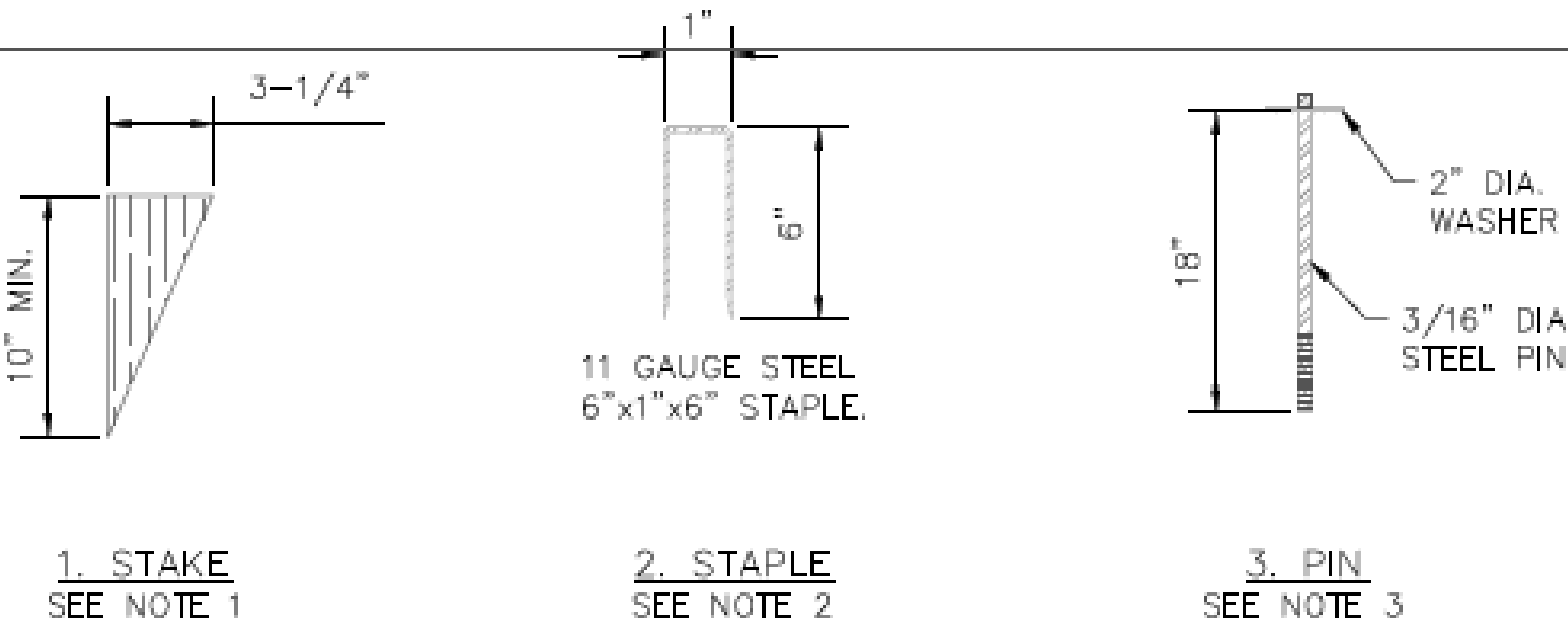
NOTE:

APPROXIMATELY 200 STAPLES ARE REQUIRED PER 100 SQ. YDS. OF MATERIAL ROLL. ANCHOR SLOTS, JUNCTION SLOTS, AND CHECK SLOTS TO BE BURIED 6" TO 12" DEEP.

STAKES, STAPLES, AND PINS NOTES:

GENERAL NOTES:

1. STAKES SHALL BE 1x4 TRIANGULAR SURVEY STAKES A MINIMUM OF 10" LONG.
2. STAPLES SHALL BE 11-GAUGE STEEL A MINIMUM OF 1" WIDE BY 6" LONG. A 2"x8" STAKE MAY BE REQUIRED IN CERTAIN SOIL CONDITIONS.
3. STEEL PINS SHALL BE 3/16 DIAMETER BY 18" LONG WITH A 2" DIAMETER WASHER ON TOP (SEE ILLUSTRATIONS).
4. ANCHORING METHODS AND RECOMMENDATIONS VARY BY MANUFACTURERS. THE EXPECTATION OF HIGH VELOCITIES SHOULD DICTATE THE USE OF MORE SUBSTANTIAL ANCHORING.



STAKES, STAPLES, AND PINS FOR  
INSTALLATION OF ROLLED EROSION  
CONTROL PRODUCTS  
NOT TO SCALE

**LOCHNER**

1823 S. Ohio Street | Salina, Kansas 67401-3713  
P 785.827.3603 | F 785.827.3029

**SALINA AIRPORT AUTHORITY**

**SOUTH OVERFLOW PARKING LOT  
SALINA, KANSAS**

PROJECT NO.	000019868
DRAWN BY	RLK
CHECKED BY	MJJ
DESIGNED BY	JSD
REVISIONS	

ISSUE DATE 2/28/2022

EROSION CONTROL  
BLANKET 2 OF 3

**C15**

SHEET 15 OF 19



Note to Designer: KDOT Pipe Policy provides guidance in identifying the prohibited and/or restricted uses of CSP, ACSP, PEP, PVCP, CAP & RCP. Provide end sections of the same type and coating as the pipe. Exceptions to this are noted in the Standard Specifications. Refer to the KDOT Design Manual Volume I (Part C), Road Section, "Elements of Drainage & Culvert Design" for structural pipe design information which includes: corrugations, sizes, gauges, maximum/minimum **fi** heights and classes of pipe.

Plotted 29-MAR-2018 09:34

Drawn By : arockers  
File : working\_rd659.dgn

[illegible]

● Unless otherwise noted, minimum pipe gauge & corrugations to be as shown in RD660.  
See Summary of Quantities for End Section Information.

\* Only include floor elevations for embedded pipes. See RD668 for details. For structures not embedded, the floor elevations may be omitted.

Type	ALLOWABLE LOCATION ▲			
	Mainline	Side Road	Entrance	Storm Sewer
<input checked="" type="checkbox"/> PVC/P				Under ML Not Under ML
<input checked="" type="checkbox"/> PEP				
<input type="checkbox"/> CSP				
<input type="checkbox"/> ACSP				
<input type="checkbox"/> CAP				
<input type="checkbox"/> RCP				

⚙ When inside diameter of pipe is 36" or less.

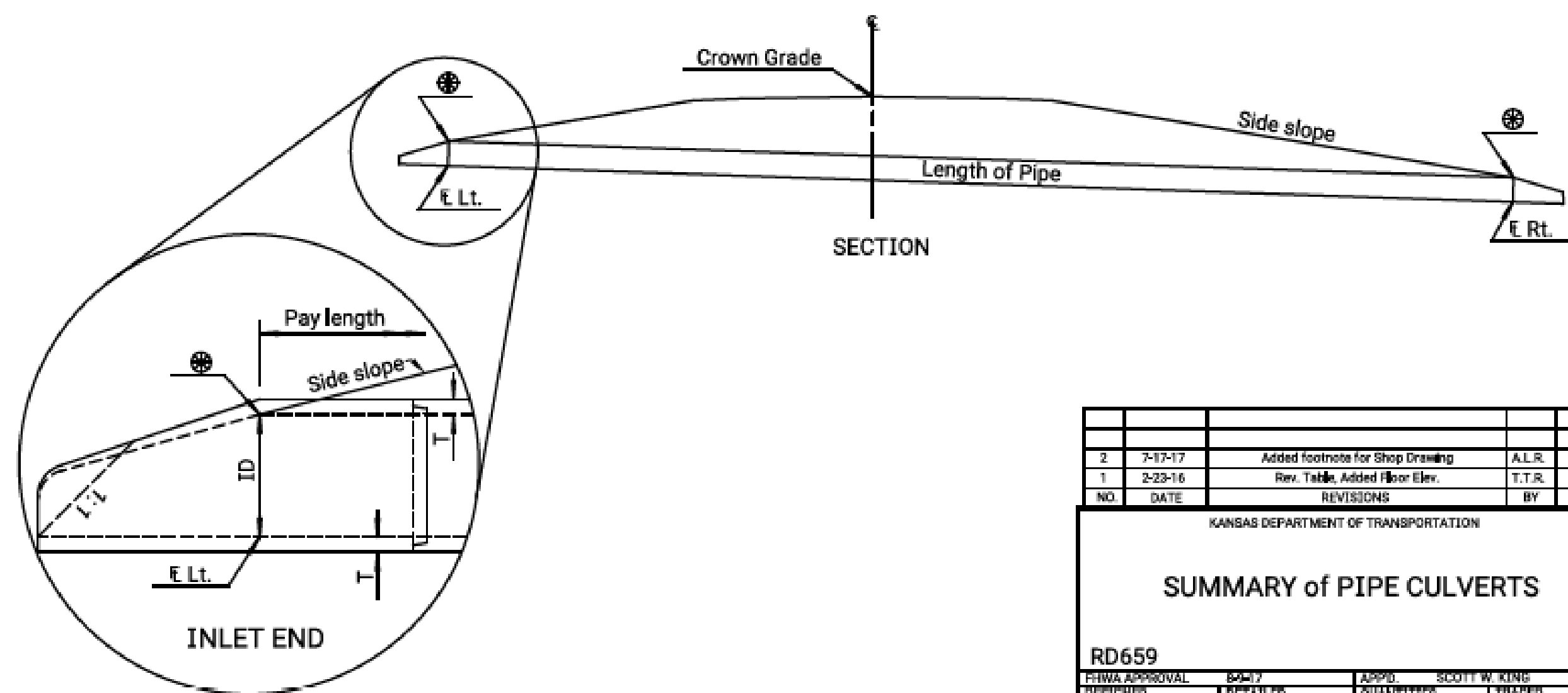
▲ Unless otherwise specified in the plans, some pipe types may not be allowed at a location if the fill height exceeds the maximum allowable or is less than the minimum allowable cover.

☐ When inside diameter of pipe is 60" or less.

Type	ALLOWABLE END SECTIONS			
	CS	ACS	CA	RC
PVCP				
PEP				
RCP				
ACSP CAP CSP	Provide End Sections of the same material and coating type as the pipe.			

◆ Type IV End Sections are only made of CS or ACS.

Submit Shop Drawing of connection for review



2	7-17-17	Added footnote for Shop Drawing	A.L.R.	S.W.K.	
	2-23-16	Rev. Table, Added Floor Elev.	T.T.R.	S.W.K.	
NO.	DATE	REVISIONS	BY	APP'D	

KANSAS DEPARTMENT OF TRANSPORTATION

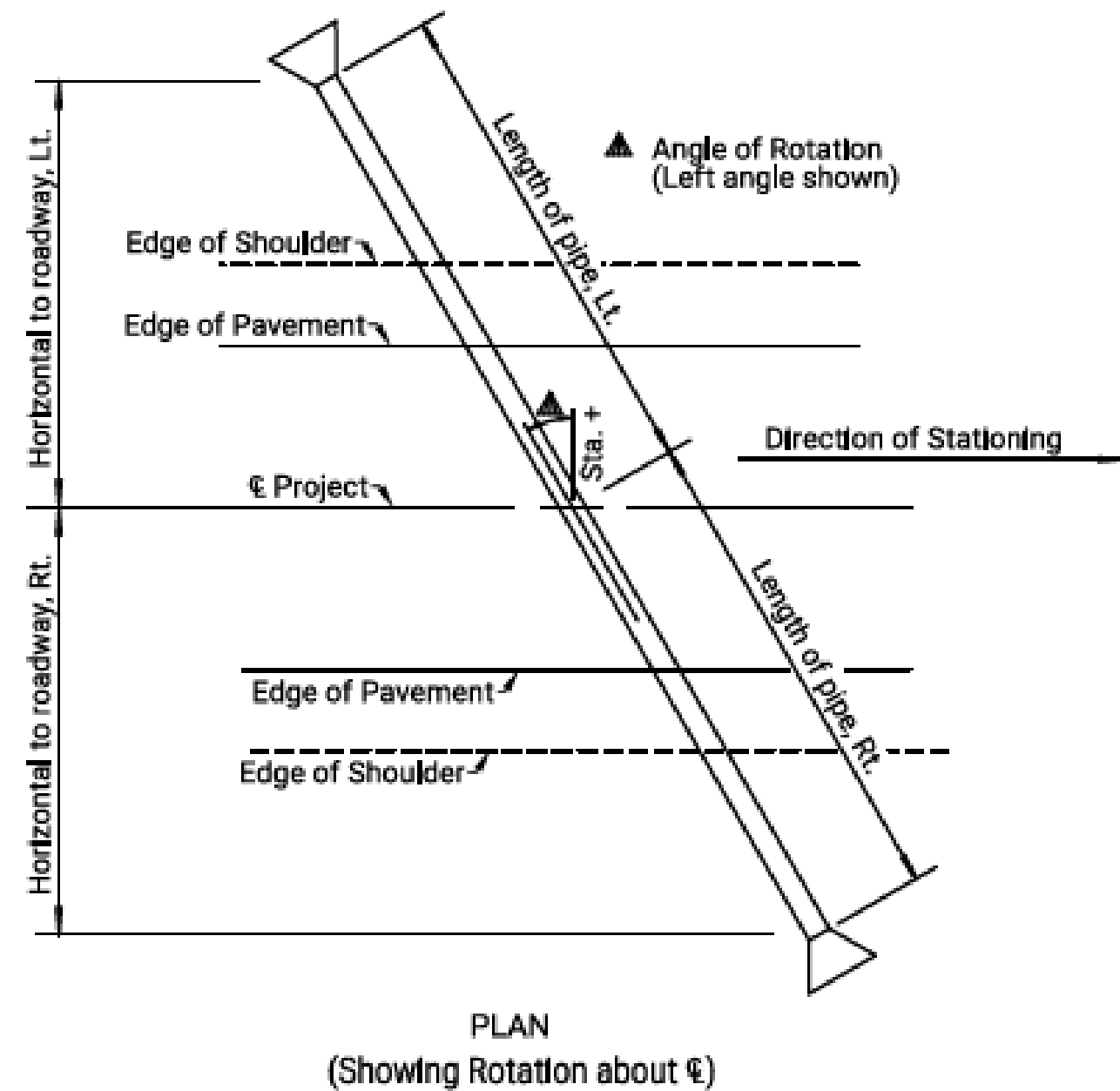
## SUMMARY OF PIPE CULVERTS

**RD659**

FIWA APPROVAL	DATE	APP'D	SCOTT W. KIRK
DESIGNED	DETAILED	QUANTITIES	TRACKED
DESIGN CK	DETAIL CK	QUAN CK	TRACE CK

KDOT Graphics Certified 03-29-2018

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS				



⦿ Design side slope to intersect inside diameter of pipe outside of Clear Zone.

# SALINA AIRPORT AUTHORITY

**SOUTH OVERFLOW PARKING LOT**  
**SALINA, KANSAS**

PROJECT NO.	<b>000019868</b>
DRAWN BY <b>RLK</b>	DATE
CHECKED BY <b>MJJ</b>	DATE
DESIGNED BY <b>JSD</b>	DATE
REVISIONS	DATE

ISSUE DATE **2/28/2022**

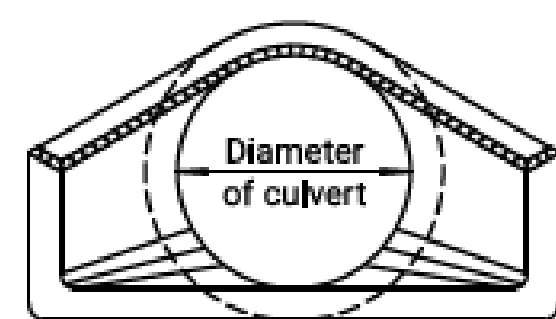
## SUMMARY OF PIPE CULVERTS

# C17

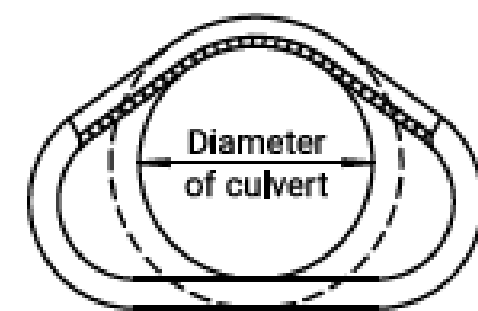
# LOCHNER

1823 S. Ohio Street | Salina, Kansas 67401-3713  
P 785.827.3603 | F 785.827.3029

**Note to Designer:** KDOT Pipe Policy provides guidance in identifying the prohibited and/or restricted uses of CSP, ACSP, PEP, PVCp, CAP & RCP. Provide end sections of the same type and coating as the pipe. Exceptions to this are noted in the Standard Specifications. Refer to the KDOT Design Manual, Volume I (Part C), Road Section, "Elements of Drainage & Culvert Design" for structural pipe design information which includes: corrugations, sizes, gauges, maximum/minimum fill heights and classes of pipe.

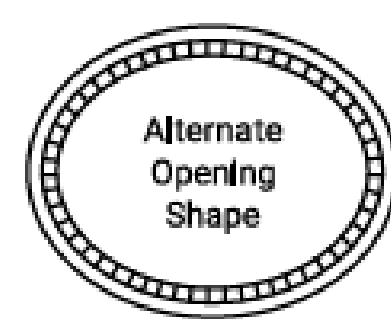


END ELEVATION (TYPE I)

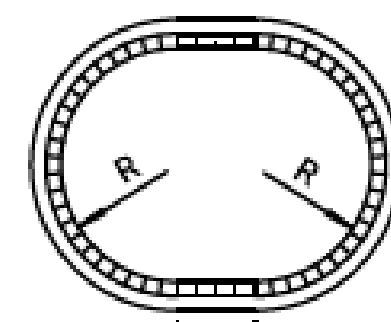


SECTION A-A

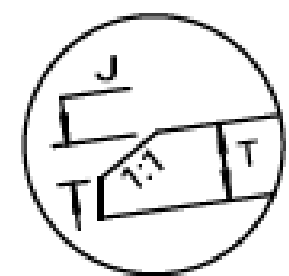
Showing rounding of inside edge of end section.



### Alternate Opening Shape



END ELEVATION  
(TYPE III)

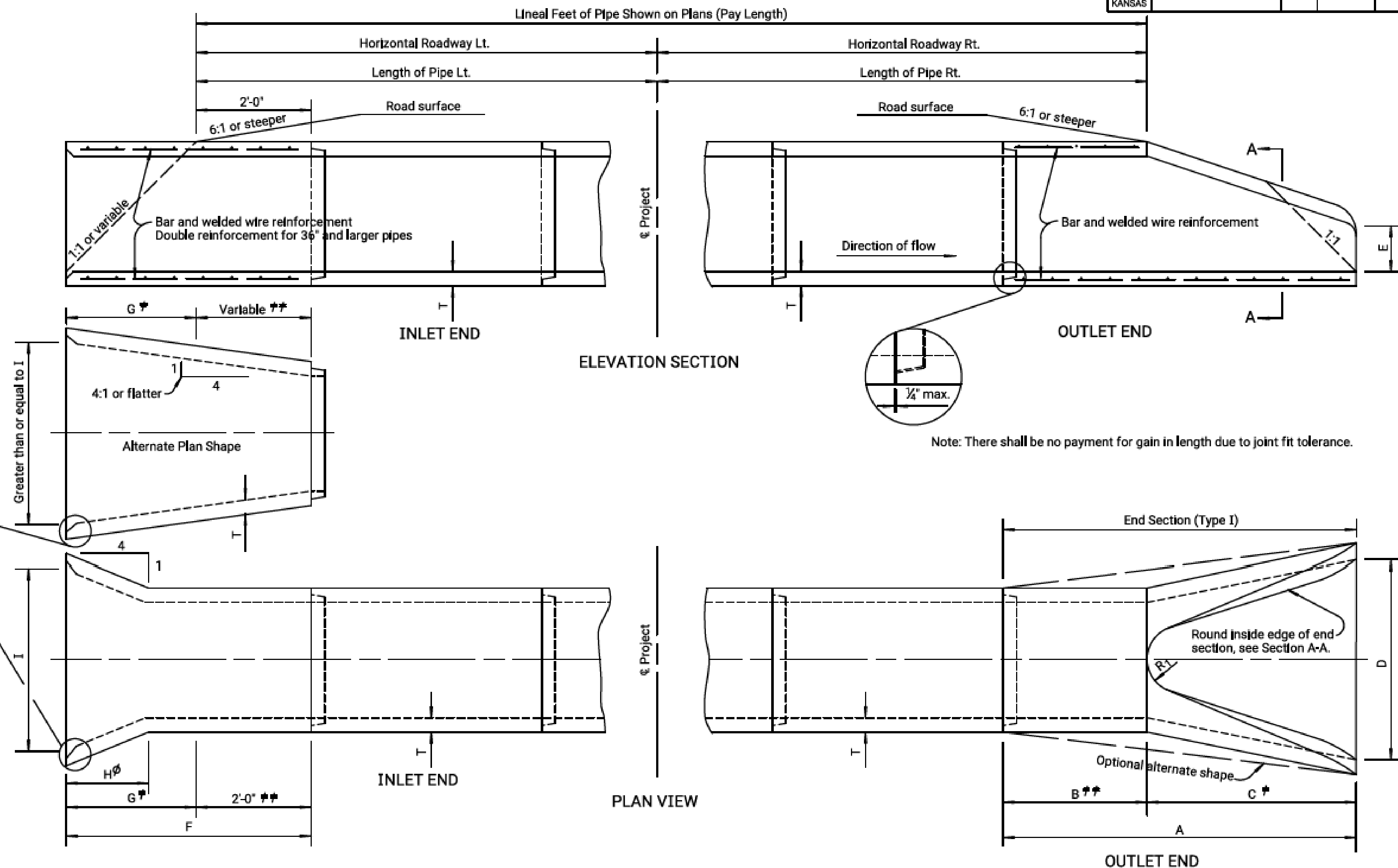


- Ø Transition to round pipe.
- \* Paid for as separate item of End Section, except when structures shall bid as alternates. In that case End Sections shall be subsidiary to bid item. "Drainage Structure No.     ".
- \*\* Included in pay length of pipe.
- \* Minimum watery area is calculated at the inside of the bevel.

Diam.	A	B <sup>***</sup>	C <sup>*</sup>	D	E	R <sub>i</sub>	Slope	T
12"	6'-0 3/8"	4'-0 3/8"	2'-0"	2'-0"	4"	9	3:1	2"
15"	6'-1"	3'-10"	2'-3"	2'-6"	6"	11	3:1	2 1/2"
18"	6'-1"	3'-10"	2'-3"	3'-0"	9"	12	3:1	2 3/4"
24"	6'-1 1/2"	2'-6"	3'-7 1/2"	4'-0"	9 1/2"	14	3:1	3"
30"	6'-1 3/4"	1'-7 3/4"	4'-6"	5'-0"	1'-0"	15	3:1	3 1/2"
36"	8'-1 3/4"	2'-10 3/4"	5'-3"	6'-0"	1'-3"	20	3:1	4"
42"	8'-2"	2'-11"	5'-3"	6'-6"	1'-9"	22	3:1	4 1/4"
48"	8'-2"	2'-2"	6'-0"	7'-0"	2'-0"	22	3:1	5"
54"	8'-2 1/4"	2'-9 1/4"	5'-5"	7'-6"	2'-3"	24	2.4:1	5 1/2"
60"	8'-3"	3'-3"	5'-0"	8'-0"	2'-11"	24	2:1	6"
72"	8'-3"	1'-9"	6'-6"	9'-0"	3'-0"	24	1.86:1	7"
84"	9'-3 1/4"	1'-9"	7'-6 1/4"	10'-0"	3'-0"	24	1.6:1	8"

Diam.	Min. W.W.* Area Sq. Ft.	F	G	H	I	J	K	R	T
24"	4.5	4'-3"	2'-3"	1'-5 1/8"	2'-8"	1 1/2"	8"	1'-0"	3'
30"	7.0	4'-9 1/2"	2'-9 1/2"	1'-9 1/2"	3'-4"	2"	10"	1'-3"	3 1/2"
36"	10.1	5'-4"	3'-4"	2'-1 1/2"	4'-0"	2"	1'-0"	1'-6"	4"
42"	13.7	5'-10 1/2"	3'-10 1/2"	2'-5 3/8"	4'-8"	2 1/2"	1'-2"	1'-9"	4 1/2"
48"	17.9	6'-5"	4'-5"	2'-10 1/8"	5'-4"	3"	1'-4"	2'-0"	5"
54"	22.7	6'-11 1/2"	4'-11 1/2"	3'-2 3/8"	6'-0"	3 1/2"	1'-6"	2'-3"	5 1/2"
60"	28.0	7'-6"	5'-6"	3'-6 3/8"	6'-8"	4"	1'-8"	2'-6"	6"
72"	40.3	8'-7"	6'-7"	4'-3 5/8"	8'-0"	5"	2'-0"	3'-0"	7"
84"	54.8	9'-8"	7'-8"	5'-0 3/8"	9'-4"	6"	2'-4"	3'-6"	8"

Dimensions for alternate shapes shall be equal to or greater than those shown in the table, unless otherwise shown.



2	4/2/08	Added ref. to KDOT Pipe Policy	S.W.K.	J.O.	
1	4/2/05	Revised reinforcement callout	S.W.K.	J.O.	
NO	DATE	REVISIONS	BY	APP'D	

KANSAS DEPARTMENT OF TRANSPORTATION

## CONCRETE END SECTIONS FOR CONCRETE PIPES TYPE I & SIDE TAPERED INLET SECTION (TYPE III)

**RD662**

HYWA APPROVAL	6/2/08	2/299, James O. Brewer	TRACER	Floway
DESIGNER	DETAILER	QUANTITIES	TRACER	Floway
DESIGN OK	DETAIL OK	QUAN OK	TRACER OK	KFH

[illegible]

SALINA AIRPORT AUTHORITY

**SOUTH OVERFLOW PARKING LOT**  
**SALINA, KANSAS**

PROJECT NO.	000019868
DRAWN BY RLK	DATE
CHECKED BY MJJ	DATE
DESIGNED BY JSD	DATE
REVISIONS	DATE

ISSUE DATE	2/28/2022
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## CONCRETE END SECTIONS

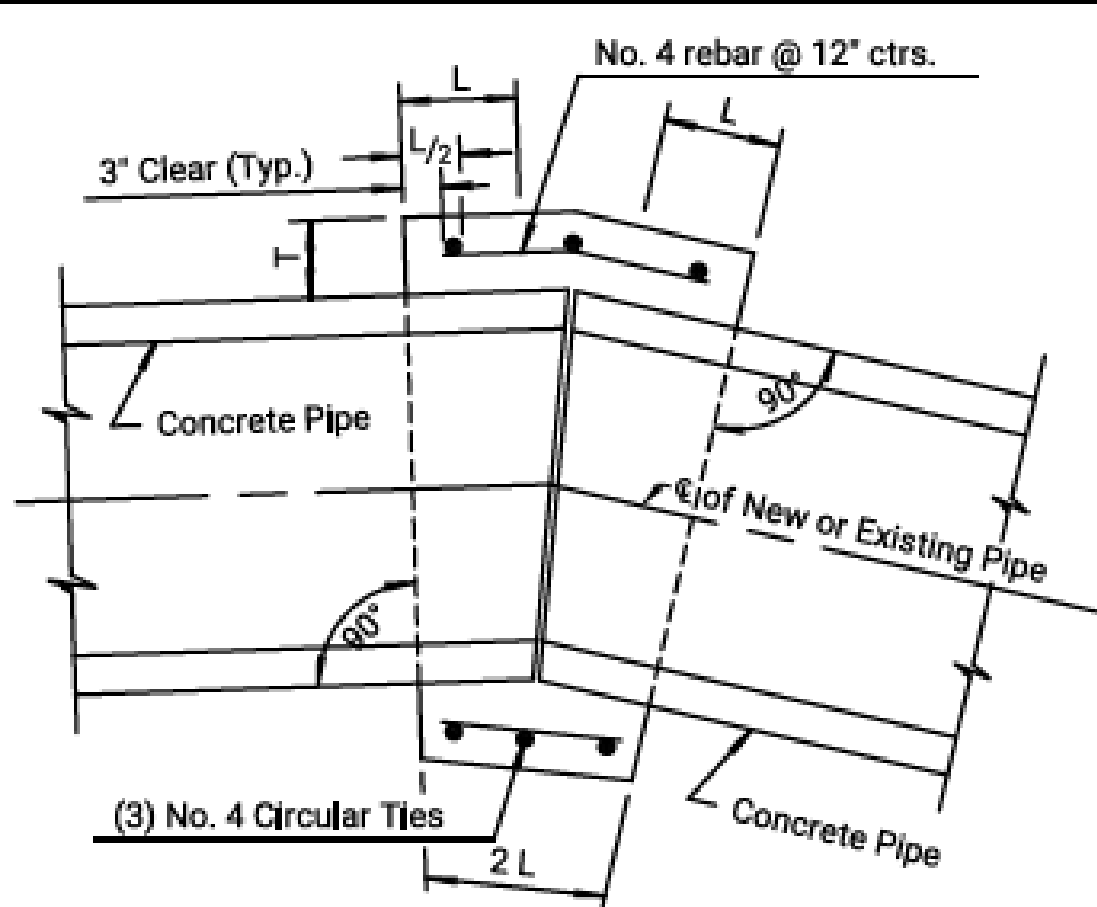
# C18

SHEET **18** OF **19**

Plotted 29-MAR-2018 13:00

Drawn By : arockers

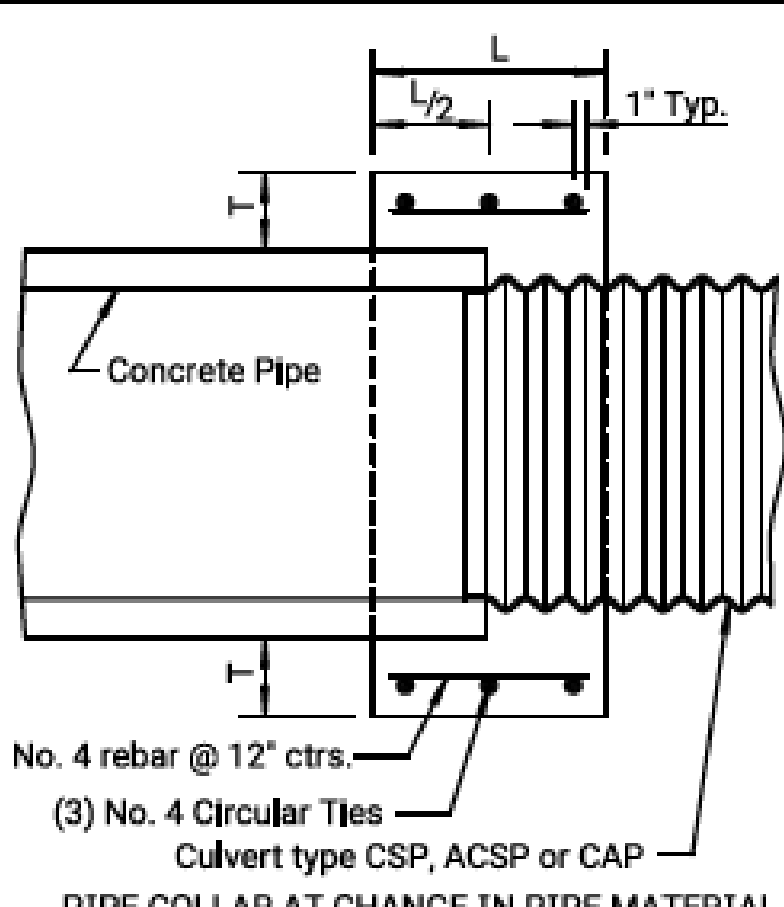
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PIPE COLLAR AT CHANGE IN ALIGNMENT  
TYPE A COLLAR

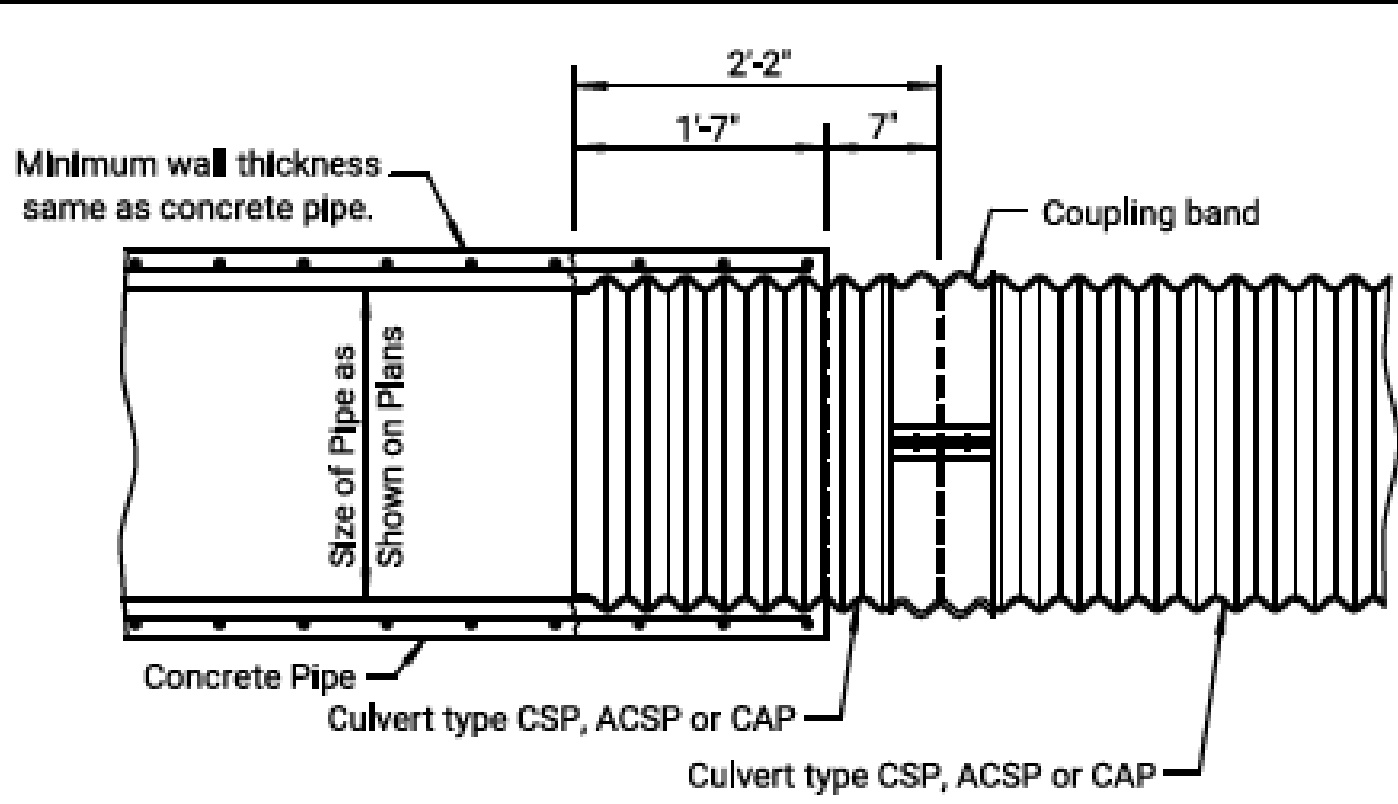
General Notes:

- Pipe collar shall be used to join pipes of different diameters or materials or where change in alignment or grade exceeds that allowed for ordinary joints.
- All concrete shall be Concrete Grade 3.0. All reinforcing steel shall be Grade 60 and shall have a minimum of 2" of cover.
- The diameter of the circular ties shall be the outside diameter of the larger pipe plus "T".
- The maximum allowable distance between the ends of the pipes at any point is 2".
- All labor, materials and incidentals required to construct the pipe collar Type A, B or C shall not be paid for directly but shall be subsidiary to the individual pipe bid items.
- Aluminum or aluminumized pipes or end sections shall be coated with an asphaltic paint when in contact with fresh concrete in accordance with the Standard Specifications.
- Pipe ends shall be trimmed such that the maximum distance between pipes at any point is 2".



PIPE COLLAR AT CHANGE IN PIPE MATERIAL  
TYPE B COLLAR

CONCRETE PIPE COLLAR			
Pipe Dia.	L	T	
18"	1'-0"	6"	
24"	1'-0"	6"	
36"	1'-6"	8"	
48"	1'-6"	10"	
60"	1'-9"	11"	



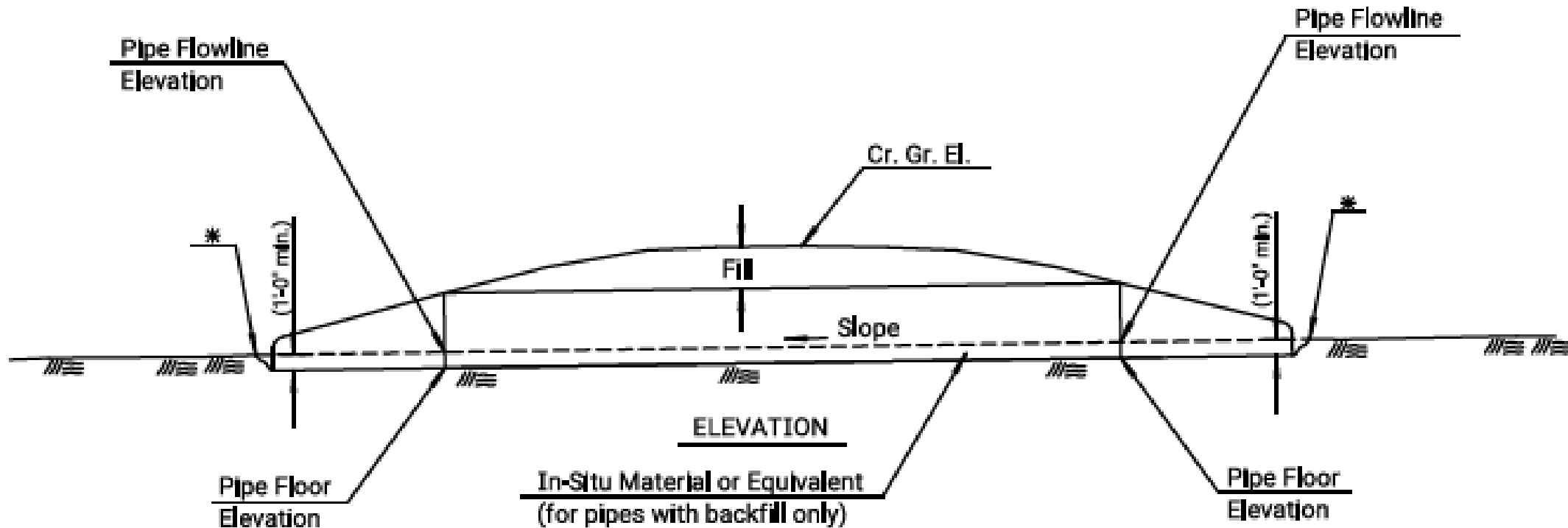
(CONCRETE PIPE CONNECTED TO CORRUGATED METAL PIPE)

TYPE C COLLAR ▲

▲ A section of concrete pipe (6'-0" min.) is cast 1'-7" short with the re-steel protruding. Tack weld the re-steel to the 2'-2" section of CMP and finish casting the remaining 1'-7" of RCP around the CMP. This is an approved connection provided it is fabricated as an integral part of a section of concrete pipe.

GENERAL NOTE

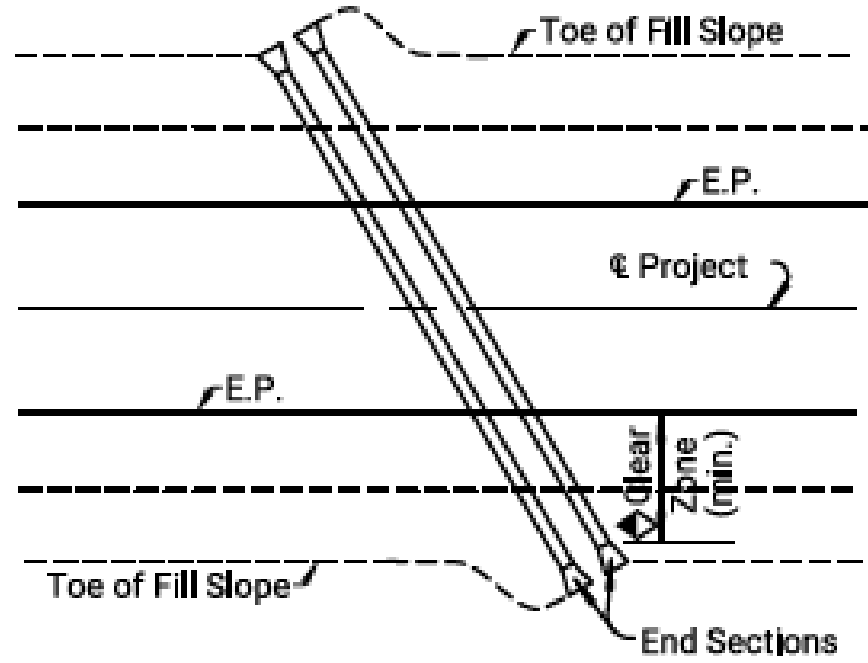
- For pipes where the height or rise is greater than 4'-0" place uncompacted backfill through the pipe, including the end sections, 1'-0" (Min.). Backfill material will be reasonably free of organic material. In-situ material may be used for backfill as approved by the Engineer.
- For pipes where the height or rise is less than or equal to 4'-0" install the pipe such that embedment will occur through natural sedimentation. See Pipe Embedment detail shown on this sheet.
- Work and material for embedding pipes will not be paid for directly, but will be subsidiary to the other pipe bid items in the contract.



PIPE EMBEDMENT

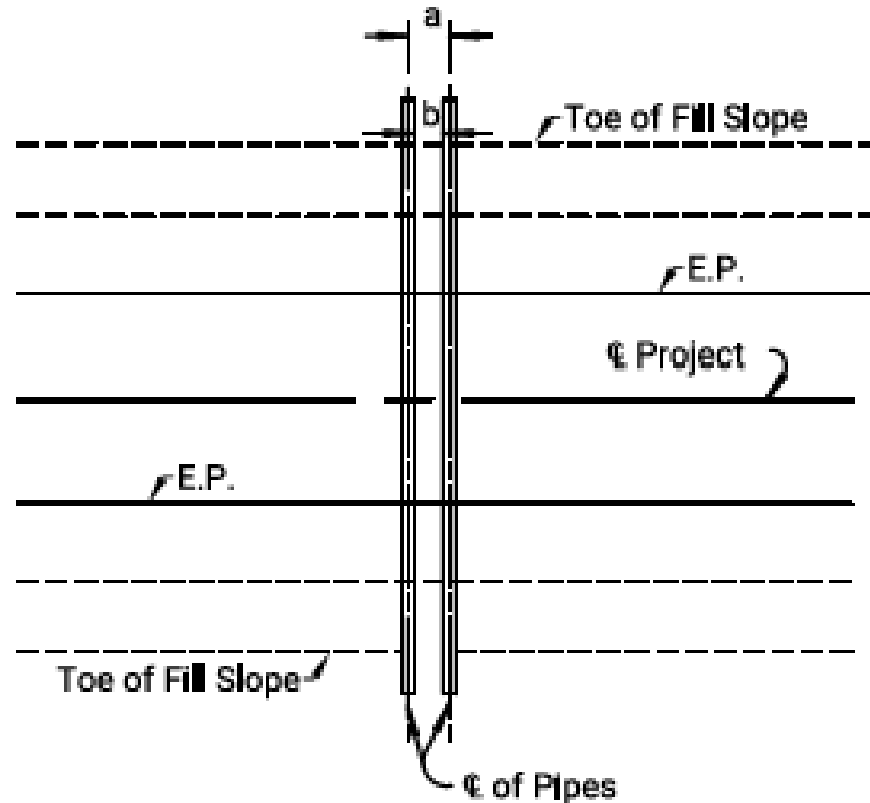
\* Natural channel or ditch flowline elevation. See profile sheets and cross sections for details.

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS				



PLACEMENT OF ROTATED PIPES  
RELATIVE TO FILL SLOPE  
AND CLEAR ZONE

◆ Pipe culverts 2'-0" or less in height may terminate within the clear zone with Type I or Type III End Section. Any size pipe may terminate within the clear zone with a Type IV End Section.



- a = Face width of end section + 1'.
- \* Face width is equal to the following dimension shown on the end section std. drawing.
- Type I Concrete = D
- Type III Concrete = I
- Type I CM = W + 2A
- Type III CM = G
- Type IV = W + 2A
- b = Pipe diameter or span (3' min.)
- Spacing shall be equal to the larger of dimensions a or b.
- Spacing for three or more pipes shall be determined using a similar method.

MULTIPLE PIPE SPACING

NO.	DATE	REVISIONS	BY	APPD
6	1-23-18	Added Detail Pipe Embedment	T.T.R.	S.W.K.
5	5-17-13	Rev. Dimension, Type B Collar	S.W.K.	J.O.B.
4	4-18-08	Added asphaltic paint note	S.W.K.	J.O.B.
3	1-28-05	Changed Class to Grade concrete	S.W.K.	J.O.B.

KANSAS DEPARTMENT OF TRANSPORTATION			
MISCELLANEOUS PIPE CULVERT DETAILS			
RD668	SCALE	APPROVAL	SCOTT W. KING
DESIGNED BY	DESIGNED BY	DESIGNED BY	DESIGNED BY
DESIGNED BY	DESIGNED BY	DESIGNED BY	DESIGNED BY

KDOT Graphics Certified 03-12-2018

LOCHNER

1823 S. Ohio Street | Salina, Kansas 67401-3713  
P 785.827.3603 | F 785.827.3029

SALINA AIRPORT AUTHORITY

SOUTH OVERFLOW PARKING LOT  
SALINA, KANSAS

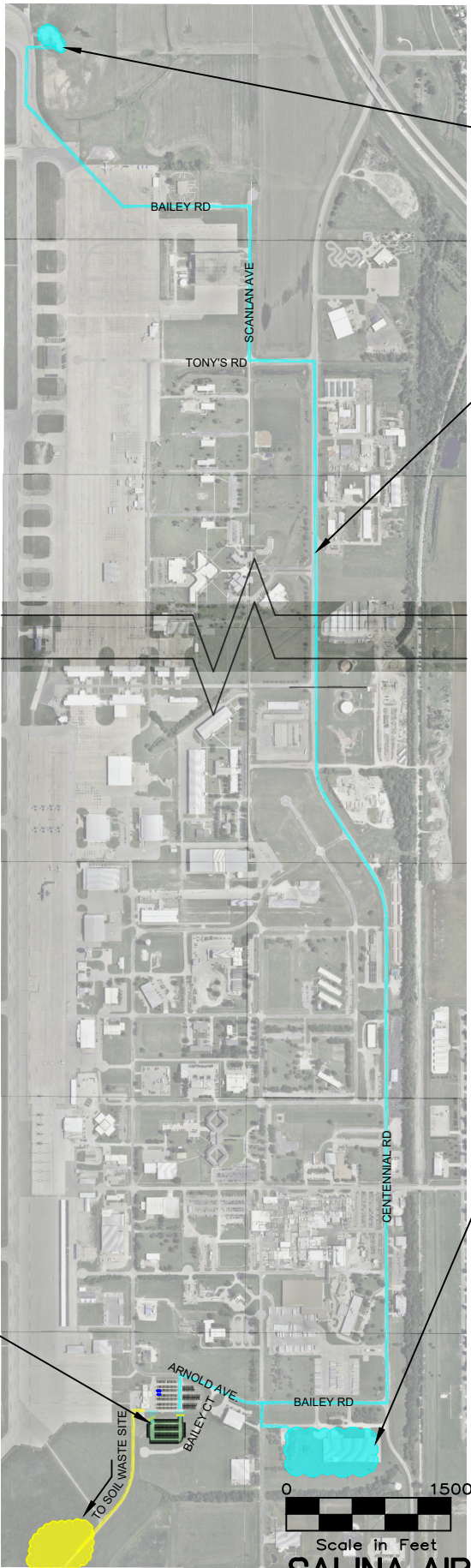
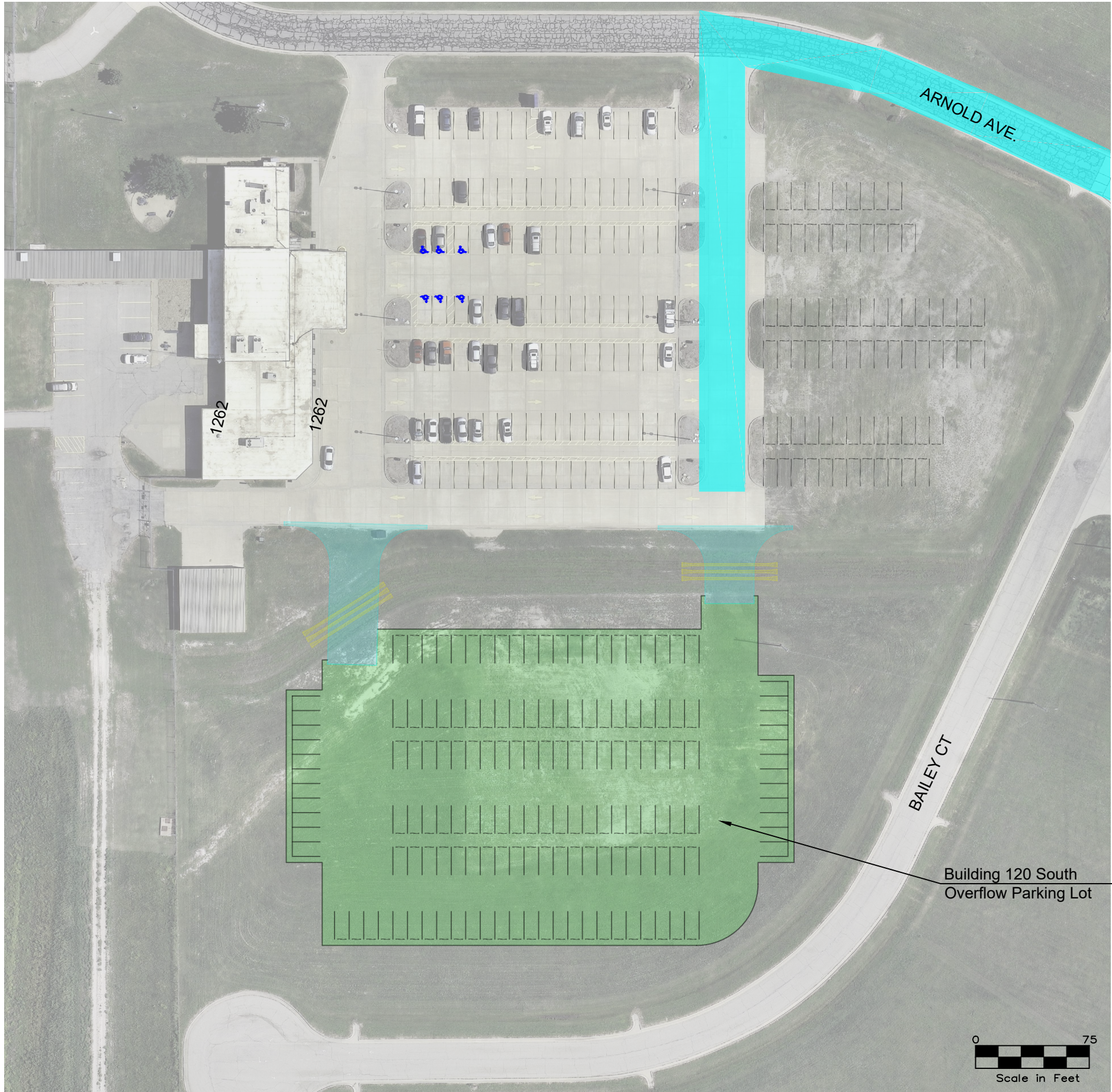
PROJECT NO.	000019868
DRAWN BY	RLK
CHECKED BY	MJJ
DESIGNED BY	JSD
REVISIONS	

ISSUE DATE 2/28/2022

MISCELLANEOUS PIPE  
CULVERT DETAILS

C19





Crushed Concrete Stockpile

Haul route from Stockpile  
Distance = 3.3 Miles

SAA Furnished Common  
Excavation Stockpile

Drawing Number 3051-03-22



3237 ARNOLD, SALINA, KS 67401  
(785-827-3914 FAX: 785-827-2221)

None : REVISIONS

MWC : DESIGNED BY

MWC : DRAWN BY

1" = 50' : SCALE

03/21/22, 13:20 : DATE

SALINA AIRPORT AUTHORITY

Building 120 South Overflow Parking Lot Expansion

1  
OF  
1