

ADDENDUM #2

Project Name:
Newton Correctional IPI Homes for Iowa Phase II - Fencing
DAS Project # 9239.04
RFB 923904-01
Addendum #2
Dated: June 16, 2026

This Addendum forms a part of the bidding and contract documents. This Addendum supersedes and supplements all portions of the original bidding and contract documents dated June 01, 2026 with which it conflicts.

ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE SPACE PROVIDED ON THE BID FORM. FAILURE TO DO SO MAY SUBJECT THE BIDDER TO DISQUALIFICATION.

1. CLARIFICATIONS

- A. Standard working hours are 6:00 am to 4:00 pm, Monday through Thursday.
- B. Any work performed outside the standard working hours of 6:00 a.m. to 4:00 p.m., Monday through Thursday, requires an Iowa Prison Industries (IPI) facility escort provided by the State of Iowa, Iowa Prison Industries, Homes for Iowa. The BP-01 prime contractor shall reimburse Iowa Prison Industries at a rate of \$71.00 per hour for this facility escort.
- C. No work is allowed on State Holidays or Sundays on this project.
- D. The check-in and check-out process for tools and contractors shall begin at 6:00 AM and must be completed by 4:00 PM during a standard workday.
- E. Contractor parking, outhouse, dumpster, laydown area, storage area, and concrete washout shall be in the new gravel parking lot or Class A road stone area that is part of this project.
- F. Existing south gravel production area and bituminous paving area shall not be used for contractor parking, outhouse, dumpster, laydown area, storage area, or concrete washout.
- G. Contractors shall use existing west facility entrance during construction. Coordinate construction traffic and traffic routes with construction manager and facility manager.

2. PLANS

- A. See Farnsworth Addendum 002

3. SPECIFICATIONS

- A. See Farnsworth Addendum 002

4. QUESTIONS AND CLARIFICATIONS

- A. Notice to Bidders notes Thursday, are bids due on Thursday or Friday? **A> Friday, June 19th at 2:00PM.**
- B. Can additional hours be worked on this project? **A> See information on working hours in clarifications above.**
- C. Is there a valuation or project budget? **A> Cost opinion equals \$1.8 million**
- D. Who is responsible for dumpsters and portable toilets. **A> The contractor**
- E. Does the project include any plantings? **A> No**
- F. Who provides special inspections and testing? **A> Provided by owner. Any retesting could be at the contractor's expense.**
- G. Is electrical rough-in to the gate provided in this scope of work. **A> Contractor is responsible for provisions in Section 32 3114. Electrical rough-in and power to the sally port area shall be by others. Coordinate with construction manager and owner for any underground rough ins and electrical rough ins required prior to concrete work or finish grading/seeding.**
- H. Will there be a permit required by the contractor? **A> No**

5. SUBSTITUTION REQUESTS

- A. No items.

6. ATTACHMENTS

- A. Pre-bid Meeting Attendance. (1 Page)
- B. Section 00 1113 Notice to Bidders (Revised)(1 Page)
- C. Section 00 4116 Bid Form (Revised) (5 Pages)
- D. Section 01 1200 Contract Summary (Revised) (5 Pages)
- E. Section 01 2200 Unit Prices (Revised) (3 Pages)
- F. Farnsworth Group Addendum #002 (3 pages, 6 Drawings, 2 specifications)

END OF ADDENDUM



DATE AND TIME: 06/10/2026 10:00AM

www.samuelsgroup.net

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SECTION 00 1113

NOTICE TO BIDDERS

RFB #923904-01

The Iowa Department of Administrative Services will be receiving bids for exterior improvements and earthwork for the construction of perimeter fence and sally port at the Newton Correctional Facility (NCF), Iowa Prison Industries (IPI), Homes For Iowa (HFI) Facility Production Site, 307 S 60th Ave W, Newton, Iowa 50208

The Iowa Department of Administrative Services anticipates construction to begin on September 14, 2026 and end on November 27, 2026.

Bids must be received no later than **2:00 pm, Friday, June 19, 2026**. Late bids will not be considered. Bids shall be submitted on [IMPACS Electronic Procurement System](#). The Bid shall be accompanied by a Bid Security as set forth in the Instructions to Bidders in the amount of 5% of the total bid amount. Each bid shall be accompanied by a bid bond, cashier's check or a certified check drawn upon a solvent bank chartered under the laws of the United States of America.

Bid Opening

The time and place of bid opening will be held at

<https://teams.microsoft.com/meet/291394094182366?p=mVK8hluOWGII7i8qVR>

and teleconference number 469-998-6043 Pin: 198005986# at 3:00 pm on June 19, 2026.

The Iowa Department of Administrative Services reserves the right to reject any and all bids, and to waive irregularities and to accept a bid that is deemed in the best interest of the State of Iowa.

Bidders must comply with all affirmative action/equal employment opportunity provisions of the State of Iowa and the Federal Government.

This project is exempt from Iowa Sales Tax. Davis Bacon Wages **will not** apply to this project.

Questions must be submitted by 2:00 pm, June 12, 2026, to the Issuing Officer.

Bidding documents may stipulate a specific product. Substitute product will be considered if a written request is received by 2:00 pm, June 12, 2026, prior to bid opening. Substitution requests will be considered for all products per Section 01 2500 Substitution Procedures, even if the specification does not include a statement such as "or equal," "equal to," "equivalent to," or "basis of design," unless otherwise noted.

An **optional** Pre-Bid meeting will be held on Wednesday, June 10, 2026 at 10:00 am at Newton Correctional Facility (NCF), Iowa Prison Industries (IPI), **Homes For Iowa (HFI) Facility Production Site**, 307 S 60th Ave W, Newton, Iowa 50208. This meeting is not mandatory but is highly recommended.

Bidding Documents, including drawing sheets bearing the project name Newton Correctional Facility, Iowa Prison Industries – Phase II – Perimeter Fence, Dated 06/01/26 and the Project Manual prepared by Farnsworth Group dated 06/01/26, may be obtained from Beeline & Blue by visiting www.beelineandblue.com or by calling (515) 244-1611 on Friday, June 05, 2026.

For further information regarding this project contact:

Michael Bradbury – Issuing Officer

Phone: 515-823-9327

E-Mail: construction.procurement@das.iowa.gov

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SECTION 00 4116

BID FORM

The Bid Form must be submitted online through the State's [IMPACS Electronic Procurement System](#).

RFB #923904-01

BID FORM for CONSTRUCTION CONTRACT
for
Newton Correctional Facility (NCF)
Iowa Prison Industries (IPI)
Homes For Iowa (HFI) – Phase II
307 S 60th Ave W, Newton, Iowa 50208
Project 9239.04

Iowa Department of Administrative Services
Hoover State Office Building, Level 3
1305 East Walnut Street
Des Moines, Iowa 50319-0105

The following information is to be completed and submitted with your bid..

1. Bid Form - Completed and Signed (to be uploaded with bid submission)
2. Non Discrimination Clause Information
3. Contractor Targeted Small Business Enterprise Pre-Bid Contract Information
4. Bid Security – 5% of total Bid amount (to be uploaded with bid submission)

Authorized Representative:

The undersigned Bidder, in response to your Request for Bid for construction of the above project, having examined the Drawings, Specifications, and other Bidding Documents dated *June 01, 2026*, and Addenda issued and acknowledged below as received and being familiar with all the conditions surrounding the construction of the proposed project including the availability of materials and labor, hereby proposes to furnish all labor, materials, equipment and supplies to perform all work to construct the project in strict accordance with the proposed Contract Documents, within the time and at the prices stated below. Prices are to cover all expenses incurred in performing the work required under the proposed Contract Documents, of which this bid is a part.

Bidder acknowledges receipt of the following Addenda which are a part of the Bidding Documents and for which any effect on cost of the Work is included in the bid amounts indicated:

Number	_____	_____	_____	_____	_____
Dated	_____	_____	_____	_____	_____

Note that the State of Iowa is exempt from State and Local sales and use taxes (including local option and school option) for this project. Taxes on construction materials shall NOT be included in the bid amounts.

Amounts shall be indicated in both words and figures. In case of discrepancy, the amount indicated in words shall govern.

BID PACKAGES:

BP 01

Description: NCF IPI HFI Phase II Perimeter Fence Project

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of:

Dollars
(\$_____).

UNIT PRICES:

UNIT 01

Description: Over-Excavation & Replacement of Unsuitable Fill (per cubic yard)

Dollars
(\$_____). (per cubic yard)

UNIT 02

Description: Additional Crushed Rock Surface (per cubic yard)

Dollars
(\$_____). (per cubic yard)

UNIT 03

Description: Modifications to Fence Post Footings

Dollars
(\$_____). (per cubic yard)

Bidder hereby certifies that:

1. This bid is genuine and is not made in the interest of or on behalf of any undisclosed person, firm or corporation;
2. Bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid; Bidder has not solicited or induced any person, firm or corporation to refrain from bidding; and Bidder has not sought by collusion to obtain any advantage over any other bidder or over the Owner.
3. Bidder hereby certifies that the Bidder is registered with the Iowa Labor Commissioner as a Contractor as required by Chapter 91C, Code of Iowa.
4. Bidder agrees to comply with all Federal and State Affirmative Action/Equal Employment Opportunity requirements concerning fair employment and will not discriminate between or among them by reason of race, color, religion, sex, national origin or physical handicap.
5. All construction under this Contract shall conform to the requirements of the *Iowa State Building Code*.
6. Bidder agrees that this bid shall remain valid and shall not be withdrawn for a period of thirty (30) calendar days after the date for receipt of bids.
7. Bidder agrees that if written notice of acceptance of this bid is mailed, emailed, or delivered to the undersigned within thirty (30) days after the date in which bids are due, or at any time thereafter before it is withdrawn, the undersigned will sign and return the Contract Agreement, prepared in accord with the Bidding Documents and this bid as accepted; and will also provide proof of insurance coverage and required surety bonds.
8. Bidder understands that the Owner reserves the right to reject any and all bids, and to waive irregularities or informalities and enter into a contract for the work, as the Owner deems to be in the best interest of the State.
9. Bidder understands that the Owner reserves the right to accept any, or no, Alternate Bid, if requested, and that the Alternate Bids may be considered in any order or combination, and the low Bidder shall be determined on the basis of the sum of the base bid and any Alternate(s) accepted.

Subcontractors:

The Trade Contractor must identify all Subcontractors and Suppliers within 48 hours of the published date and time for which bids must be submitted, in accordance with Iowa Code Section 8A311, as amended by House File 646 in 2011. Subcontractors and suppliers may not be changed without the approval of the Owner. Requests for changing a Subcontractor or supplier must identify the reason for the proposed change, the name of the new Subcontractor or supplier, and the change in the subcontractor or supplier price as a result of the change. Any reduction in subcontractor or supplier price as a result of the change, if the change is approved by the Owner, shall be deducted from the Trade Contract Price via a deductive Change Order. Any such changes, if approved by the Owner, which result in an increase in the Trade Contract Price shall be borne by the Trade Contractor.

Enforcement of Reciprocal Resident Bidder Preference, per Iowa Code 73A.21.

All bidders shall either check the box next to "Resident Bidder" or check the box next to "Nonresident Bidder" and by doing so and signing thereafter certifies and attests to the same. All information requested must be provided. Seek out the advice of an attorney if you have questions.

"Resident Bidder" means a person or entity authorized to transact business in of the State of Iowa and having a place of business for transacting business within the State of Iowa at which it is conducting and has conducted business for at least three years prior to the date of the first advertisement for the public improvement. Note, however, that if a nonresident bidder's state or foreign country has a more stringent definition of a resident bidder, the more stringent definition is applicable as to bidders from that state or foreign country.

☐

Resident Bidder

Name of Resident Bidder: _____

By: _____
Authorized Agent and Signatory of Resident Bidder

OR:

☐

Nonresident Bidder

Name of Nonresident Bidder: _____

Name of State or Foreign Country of Nonresident Bidder: _____

Particularly identify and describe any preference, labor preference, or any other type of preferential treatment, in effect in the nonresident bidder's state or foreign country at the time of this bid:

NOTICE: Nonresident Bidders domiciled in a state or country with a resident labor force preference shall make and keep, for a period of not less than three years, accurate records of all workers employed on the public improvement. The records shall include each worker's name, address, telephone number when available, social security number, trade classification, and the starting ending time of employment.

By: _____
Authorized Agent and Signatory of Nonresident Bidder

REQUIRED: Bid Form shall be signed by an officer of the company with authority to bind in a contract. Notice of acceptance of this bid, or request for additional information by the Department of Administrative Services, may be addressed to the undersigned at the address set forth below:

Legal Name of Firm: _____

Date: _____

Signature of Bidder: _____

Title: _____

Typed Name of Signatory: _____

Email: _____

Business Address:

Telephone Number: _____ Fax Number: _____

Federal Tax Identification Number: _____

Iowa Contractor Registration Number: _____

Bidder Safety Manager Name: _____

For an out-of-state Bidder, Bidder certifies that the Resident Preference given by the State or
Foreign Country of Bidder's residence, _____, is _____ %.

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SECTION 01 1200

CONTRACT SUMMARY

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Project Information
- B. Project Summary
- C. Bid Scope Summary
- D. Work Hour Restrictions
- E. Access to Site
- F. Coordination with Occupants
- G. Rules for Construction Workers
- H. Bid Package Instructions

1.02 PROJECT INFORMATION

- A. Facility Name/Location: Newton Correctional Facility (NCF), Iowa Prison Industries (IPI), Homes For Iowa (HFI) Production Site, 307 S 60th Ave W, Newton, Iowa 50208
- B. DAS Project #: 9239.04
- C. Owner: State of Iowa, Department of Administrative Services, Hoover State Office Building, Level 3, 1305 East Walnut Street, Des Moines, IA 50319
- D. Owner's Representative: Brad Tonyan, Iowa Department of Administrative Services, 109 SE 13th Street, Des Moines, IA 50319
- E. Construction Manager: Jerry Dehnke, The Samuels Group, 2929 Westown Parkway Suite 200, West Des Moines, IA 50266

1.03 PROJECT SUMMARY

- A. The project includes exterior improvements and earthwork for the construction of perimeter fence and sally port at the Newton Correctional Facility (NCF), Iowa Prison Industries (IPI), Homes for Iowa (HFI) Facility Production Site, 307 S 60th Ave W, Newton, Iowa 50208.
- B. Target date to provide substantial completion is November 27, 2026.

1.04 BID SCOPE SUMMARY

- A. Scope Applicable to All Bid Packages:
 - 1. The Contractor's Work includes all labor, supervision, materials, equipment, services, supplies, tools, facilities, transportation, hoisting, storage, receiving, licenses, inspections, certifications, overhead, profit, or other items required or reasonably inferable to properly and timely perform and complete all work and services to be performed by the Contractor pursuant to this Agreement. Unless specifically stated otherwise, incidental work required to accomplish the work of this Bid Package shall be included the bid. This would include, but not be limited to, temporary facilities, protection of the work, security of equipment, materials, and work in progress, etc. Contractor's Work shall be performed in accordance with the Drawings, Specification Divisions 00 and 01, and Specification sections applicable to each Contractor's scope.
 - 2. Contractor is responsible for all labor and equipment to unload, account for all material delivered, stock, and delivery for this scope of work. Storage and delivery of materials and equipment at the Site shall be permitted only to the extent approved in advance by the Construction Manager, and if anything so stored obstructs the progress of any portion of the work, it shall be promptly removed or relocated by the Contractor without reimbursement.

3. On site supervision by Prime Contractor at all times work by that contractor or their subcontractors/suppliers is taking place.
4. Provide all temporary facilities required for this scope of work including trailer, trailer power, telephone, secured storage, temporary power for work, temporary and task lighting for work, etc. as determined necessary by Contractor. Coordinate location of trailers, material storage and utility lines with Construction Manager. Limited space is available, and permission to bring any such facility or excess materials on to the site shall be approved by the Construction Manager.
5. Contractor shall provide all equipment and tools for Contractor's own cleanup. Clean up shall be done at end of every shift or more frequently if required for the Contractor to perform their work, for other Contractors to perform their work, as required by the Owner's operations, and at the discretion of the Construction Manager.
6. All turf, landscaping, and subgrade disturbances caused by equipment traffic or other activities related to the Contractor's scope shall be repaired or restored to proper conditions by the Contractor.
7. All turf, landscaping, and existing structures disturbed by contractors shall be repaired or restored to pre-construction conditions.
8. Protect adjacent existing building elements from damage from Scope of work. Repair existing building elements damaged during Contractor's Scope of work.
9. Tool control shall be in place for this facility. Contractors shall log in tools at the start of each shift and log out tools at the end of each shift. Contractors should assume a minimum of 15 minutes for Check in and minimum of 15 minutes check out process of tools.

1.05 WORK HOUR RESTRICTIONS

- A. Standard working hours are 6:00 am to 4:00 pm, Monday through Thursday.
- B. Any work performed outside the standard working hours of 6:00 a.m. to 4:00 p.m., Monday through Thursday, requires an Iowa Prison Industries (IPI) facility escort provided by the State of Iowa, Iowa Prison Industries, Homes for Iowa. The BP-01 prime contractor shall reimburse Iowa Prison Industries at a rate of \$71.00 per hour for this facility escort.
- C. No work is allowed on State Holidays or Sundays on this project.
- D. The check-in and check-out process for tools and contractors shall begin at 6:00 AM and must be completed by 4:00 PM during a standard workday.
- E. Additional hours and Saturday work would need to be approved by the State of Iowa IPI Facility and would need to be coordinated with the construction manager and the facility.

1.06 CONTRACTOR USE OF SITE AND PREMISES

- A. Construction Operations: Limited to areas noted on Drawings.
- B. Provide access to and from site as required by law and Owner:
 1. Emergency Building Exits During Construction: Keep all exits required by code open during construction period; provide temporary exit signs if exit routes are temporarily altered.
 2. Do not obstruct roadways, sidewalks, or other public ways without permission of Owner and permit if required.
- C. Facility will be occupied at all times during duration of work. Contractor personnel shall always conduct themselves in an agreeable manner. Failure to do so may result in removal from the work site.
- D. All trade Contractors shall be responsible for the cleanup of their own work. Provide means and methods to ensure construction debris and materials are collected and transported to dumpsters on a daily basis.
- E. OSHA standards shall be followed on the site and premises.
- F. Contractor parking, outhouse, dumpster, laydown area, storage area, and concrete washout shall be in the new gravel parking lot or Class A road stone area that is part of this project

- G. Existing south gravel production area and bituminous paving area shall not be used for contractor parking, outhouse, dumpster, laydown area, storage area, or concrete washout.
- H. Contractors shall use existing west facility entrance during construction. Coordinate construction traffic and traffic routes with construction manager and facility manager.

1.07 OWNER OCCUPANCY

- A. Owner intends to occupy the Project upon Substantial Completion.
- B. Cooperate with Owner to minimize conflict and to facilitate Owner's operations.
- C. Schedule the Work to accommodate Owner occupancy.
- D. Iowa Prison Industries, Homes For Iowa fabrication facility will be operational during the construction period of this project. Coordinate all construction activities with the construction manager and facility to accommodate facility operations.

1.08 RULES FOR CONSTRUCTION WORKERS

- A. The staff of the State of Iowa has a responsibility to protect the public by providing a secure environment. All work site rules must be followed to the letter, at all times.
- B. All construction workers must have a background check completed prior to entering the campus to perform work.
- C. Hot Work Permit Processes and Fire Watch, when necessary, will be adhered to for this project.
- D. All State properties are tobacco free. No smoking will be permitted or tolerated on campus unless in designated areas.
- E. You are permitted access only to the work site and no other area of the institution.
- F. No drugs, alcohol, or firearms are allowed on the work site.
- G. Do not leave money, drugs, alcohol, or firearms in your personal vehicle.
- H. Company and personal vehicles are to be parked and locked in designated or authorized area of the work.
- I. Secure all tools at the end of the day.
- J. Maintain control of all tools, supplies, and debris at all times during the work.
- K. Never leave keys in any vehicle. If a security officer finds keys in a vehicle, they are under orders to turn them in to a security supervisor.
- L. Do not give anything to residents or take anything from residents; if they offer, inform your supervisor.
- M. Secure all tools at the end of each day. Never leave tools unattended. All tools shall be checked in at the beginning of the day and checked out at the end of the day. If security officers find loose tools, they are under orders to turn them in to their supervisor.
- N. All delivery vehicles must go directly to the job site. Extra time should be anticipated for all deliveries. Provide 24-hour notice to the facility of deliveries.
- O. During an emergency, follow the instructions of the security staff.
- P. Contractor shall wear clothing of a different color, pattern, fashion, etc. as to distinguish themselves from inmates.
- Q. **Contractors shall not wear orange or yellow T-shirts/sweatshirts. High visibility vests with reflective surface shall be allowed per OSHA standards.**
- R. **Contractors shall wear hardhats, safety glasses, and high visibility vests at all times when on site.**
- S. Contractors shall not interact with inmates/offenders. Contractors shall immediately notify the facility if inmates/offenders pursue interaction with contractors.
- T. Contractors shall not wear sleeveless T-shirts or shorts. The minimum length of shirt sleeves shall be four inches and all pants shall be full length.

1.09 BID PACKAGE INSTRUCTIONS

- A. **Bid Package #01 – Homes for Iowa Phase II - Fencing:** Trade Contractor shall include all of the following, but not limited to, as part of the contract:
1. All labor, material, and equipment for the construction of the Newton Correctional Facility, Homes for Iowa Facility Project – Phase II – Fencing Project 9239.04 (RFB923904-01)
 2. Contractor's Work shall be performed in accordance with the Drawings, Specification Divisions 00 and 01, and applicable technical specification sections for the scope of work.
 3. Includes Division 03 (Section 03 3000)
 4. Includes Division 31 (Sections 31 1000, 31 2000, 31 2200, 31 2316, 31 2323, 31 2333, and 31 3500)
 5. Includes Division 32 (Sections 32 1123, 32 1313, 32 1373, 32 3113, 32 3114, 32 9119, and 32 9219)
 6. Includes all survey and layout related to this bid package.
- B. **Unit Price #01 - Over-Excavation & Replacement of Unsuitable Fill:** Trade Contractor shall include all of the following, but not limited to, as part of the contract:
1. Contract Documents indicate, in the Base Bid, areas that shall be graded. Unit Prices will be utilized for unknown conditions not included in the base bid.
 2. In the event inadequate soil or unexpected rubble is encountered during the excavation of soils additional removal and replacement of fill will be required by the contractor. Quantities will be calculated in accordance with this section. Architect to be notified immediately upon discovery before work is performed.
 3. The unit price quoted is to cover additional quantities of removal or replacement of unsuitable material beyond the base quantity required.
 4. Unit Price shall include over-excavation of uncontaminated debris, soil, fill, foundations, rubble, concrete, etc. and placement of engineered fill beyond the scope of work indicated in the Contract Documents. Assume worst uncontaminated removal conditions and most stringent fill and compaction requirements.
 5. If contaminated materials are to be removed, the incremental cost to cover the contamination shall be negotiated in accordance with the general conditions and added to the quoted unit price.
 6. State the amount per cubic yard for additional removal and replacement of inadequate fill at the direction of the Structural Engineer and Contracting Officer. This same unit price shall also be used if less removal and replacement is required than indicated on the site plan.
 7. Unit Price No. 1: Dollar - Per cubic yard
 8. Unit prices include all necessary material, plus cost for delivery, installation, insurance, overhead, and profit.
 9. Owner reserves the right to reject Contractor's measurements of work in place that involves use of established unit prices and to have this work measured, at the Owner's expense, by an independent surveyor acceptable to the Contractor.
- C. **Unit Price #02 - Additional Crushed Rock Surface:** Trade Contractor shall include all of the following, but not limited to, as part of the contract:
1. Contract Documents indicate, in the Base Bid, areas that shall receive crushed rock. Unit Prices will be utilized for unknown conditions not included in the base bid.
 2. In the event additional crushed rock is required due to unknown conditions or the Contracting Officers discretion, additional crushed rock shall be provided by the contractor. Quantities will be calculated in accordance with this section. Architect to be notified immediately upon discovery before work is performed.
 3. The unit price quoted is to cover additional quantities of crushed rock beyond the base quantity required.
 4. Unit Price shall include subbase compaction and grading, and placement of crushed rock beyond the scope of work indicated in the Contract Documents.
 5. State the amount per cubic yard for additional crushed rock per the direction of the Contracting Officer. This same unit price shall also be used if less crushed rock is required than indicated on the site plan.

6. Unit Price No. 2: Dollar - Per cubic yard.
7. Unit prices include all necessary material, plus cost for delivery, installation, insurance, overhead, and profit.
8. Owner reserves the right to reject Contractor's measurements of work in place that involves use of established unit prices and to have this work measured, at the Owner's expense, by an independent surveyor acceptable to the Contractor.

D. Unit Price #03 – Modifications to the Fence Post Footings: Trade Contractor shall include all of the following, but not limited to, as part of the contract:

1. Contract Documents indicate the target estimated design for the fence post footings with the depth of the post set at 4'-0". Unit Prices will be utilized for modifications to the depth of the entire footing, whether that is an additional or subtractive quantity
2. In the event modifications of the footing are determined as required by the contractor due to unknown conditions during construction, quantities for the modifications to labor and materials shall be provided by the contractor. Quantities will be calculated in accordance with this section. Architect to be notified immediately upon discovery before work is performed.
3. The unit price quoted is to cover additive or subtractive quantities of labor and materials beyond the base design requirements for the fence post construction.
4. Unit Price shall include any fence materials, concrete, excavation, compaction, etc. which modifies the scope of work indicated in the Contract Documents
5. State the amount per cubic yard for the modifications required. This same unit price shall also be used if less labor and materials are required than indicated in the Contract Documents
6. Unit Price No. 3: Dollar - Per cubic yard.
7. Unit prices include all necessary material, plus cost for delivery, installation, insurance, overhead, and profit.
8. Owner reserves the right to reject Contractor's measurements of work in place that involves use of established unit prices and to have this work measured, at the Owner's expense, by an independent surveyor acceptable to the Contractor.

E. Work Performed by Owner: Iowa Prison Industries and Newton Correctional Facility will perform the following work items:

1. If Applicable - Relocate all moveable furniture, fixtures and equipment (FF&E), including window treatments; and personal materials from each sequenced work area prior to demolition and construction activities and after new construction is completed.
2. Special Inspections

F. Owner Furnished Products: Iowa Prison Industries and Newton Correctional Facility will provide the following materials for installation by the contractor:

1. None Noted

PART 2 - PRODUCTS – NOT USED

PART 3 - EXECUTION – NOT USED

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SECTION 01 22 00

UNIT PRICES

RFB #923904-01

PART 1- GENERAL

1.1 SECTION INCLUDES

- A. Measurement and payment criteria applicable to the Work performed under a unit price payment method.

1.2 AUTHORITY

- A. Measurement methods delineated in the individual specification sections complement the criteria of this section.
- B. Take all measurements and compute quantities. The Architect/Engineer and/or the testing agency will verify measurements and quantities.
- C. Assist by providing necessary equipment, workers, and survey personnel as required.

1.3 UNIT QUANTITIES SPECIFIED

- A. Quantities and measurements supplied or placed in the work and verified by the Architect/Engineer and/or testing agency determine payment.
- B. The Architect and/or Engineer may require more or fewer quantities than those quantities indicated.
- C. Additional or fewer quantities will be compensated at the unit price quoted.

1.4 MEASUREMENT OF QUANTITIES

- A. Measurement by Volume: Measured by cubic dimension using mean length, width and height or thickness.

1.5 PAYMENT

- A. Payment Includes: Full compensation for all required labor, products, tools, equipment, plant, transportation, services and incidentals; erection, application or installation of an item of the Work; overhead and profit.
- B. Final payment for Work governed by unit prices will be made on the basis of the actual measurements and quantities accepted by the Architect/Engineer multiplied by the unit sum/price for Work which is incorporated in or made necessary by the Work.

1.6 SCHEDULE OF UNIT PRICES

- A. Item: Over-Excavation & Replacement of Unsuitable Fill.
Contract Documents indicate, in the Base Bid, removal and/or replacement of soil. Unit Prices will be utilized for unknown conditions not included in the base bid.

In the event inadequate soil or unexpected rubble is encountered during the excavation of soils additional removal and replacement of fill will be required by the contractor. Quantities will be calculated in accordance with this section. Architect to be notified immediately upon discovery before work is performed.

The unit price quoted is to cover additional quantities of removal or replacement of unsuitable material beyond the base quantity required.

Unit Price shall include over-excavation of uncontaminated debris, soil, fill, foundations, rubble, concrete, etc. and placement of engineered fill beyond the scope of work indicated in the Contract Documents. Assume worst uncontaminated removal conditions and most stringent fill and compaction requirements.

If contaminated materials are to be removed, the incremental cost to cover the contamination shall be negotiated in accordance with the general conditions and added to the quoted unit price.

State the amount per cubic yard for additional removal and replacement of inadequate fill at the direction of the Structural Engineer and Contracting Officer. This same unit price shall also be used if less removal and replacement is required than indicated on the site plan.

Unit Price No. 1
Dollars (\$_____ per cubic yard)

B. Item: Additional Crushed Rock Surface

Contract Documents indicate, in the Base Bid, areas that shall receive crushed rock. Unit Prices will be utilized for unknown conditions not included in the base bid.

In the event additional crushed rock is required due to unknown conditions or the Contracting Officers discretion, additional crushed rock shall be provided by the contractor. Quantities will be calculated in accordance with this section. Architect to be notified immediately upon discovery before work is performed.

The unit price quoted is to cover additional quantities of crushed rock beyond the base quantity required.

Unit Price shall include subbase compaction and grading, and placement of crushed rock beyond the scope of work indicated in the Contract Documents.

State the amount per cubic yard for additional crushed rock per the direction of the Contracting Officer. This same unit price shall also be used if less crushed rock is required than indicated on the site plan.

Unit Price No. 2
Dollars (\$_____ per cubic yard)

C. Item: Modifications to the fence post footings.

Contract Documents indicate the target estimated design for the fence post footings with the depth of the post set at 4'-0". Unit Prices will be utilized for modifications to the depth of the entire footing, whether that is an additional or subtractive quantity.

In the event modifications of the footing are determined as required by the contractor due to unknown conditions during construction, quantities for the modifications to labor and materials shall be provided by the contractor. Quantities will be calculated in accordance with this section. Architect to be notified immediately upon discovery before work is performed.

The unit price quoted is to cover additive or subtractive quantities of labor and materials beyond the base design requirements for the fence post construction.

Unit Price shall include any fence materials, concrete, excavation, compaction, etc. which modifies the scope of work indicated in the Contract Documents.

State the amount per cubic yard for the modifications required. This same unit price shall also be used if less labor and materials are required than indicated in the Contract Documents.

Unit Price No. 3

Dollars (\$_____ per cubic yard)

END OF SECTION

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Addendum Number: 002

Addendum Issue Date: June 16, 2026

Owner: State of Iowa

Project Name: Newton CF IPI Homes for Iowa Fence

A/E Project Number: 02401959.001

Owner Project No.: 9239.04

Owner Request for Bid RFB 923904-01

Containing: 3 Pages; 0 Documents; 6 Drawings; 2 Specifications

*This addendum amends the drawings and specifications of the above reference project and is hereby incorporated into the contract documents as part thereof. Bidders must acknowledge receipt of this Addendum in the space provided on the Bid Form. **FAILURE TO DO SO MAY SUBJECT BIDDER TO DISQUALIFICATION.***

Specifications:

Section 32 31 13 – Chain Link Fencing

Item No. 1 Replace Section in its entirety with the attached document.

Note modifications to the following Articles:

2.3 COMPONENTS

MODIFY Article B.5 “Welded Razor Wire” per the attachment.

ADD Article H “Attachment Hardware for Welded Razor Wire” per the attachment.

3.1 GENERAL

ADD New Article G per the attachment. Revise numbering accordingly.

MODIFY New Article J “Fabric” per the attachment.

MODIFY New Article K “Barbed Tape/Concertina” per the attachment.

ADD New Article L for “Welded Razor Wire Overlay Application” per the attachment. Revise subsequent numbering accordingly.

3.2 CANTILVER GATE TESTING

ADD Article 3.2 in its entirety per the attachment. Revise subsequent numbering accordingly.

3.3 CLEAN UP

ADD New Article B for “Touch-Up” per the attachment.

Section 32 31 14 – Cantilevered Gates

Item No. 2 Replace Section in its entirety with the attached document.

Note modifications to the following Articles:

2.3 COMPONENTS

ADD Article E.6 “Gate Monitoring Interface” per the attachment. Revise subsequent numbering accordingly.

3.2 SYSTEM ACCEPTANCE & VALIDATION

ADD Article D “Welded Razor Wire Panel Verification” in its entirety per the attachment.

3.3 SCHEDULE

MODIFY Article A per the attachment.

Drawings:

Civil

C2.1 Layout Sheet

- Item No. 3 Added Subdrain and Callouts around North, East and West sides of Sallyport and Gate Slides
Item No. 4 Adjusted Callouts to reflect new and altered Details on Sheet C6.1

C2.2 Overall Fence Layout w/ Existing Contours

- Item No. 5 Added Callouts for 5" PCC Flume, Southeast Man Gate and Fence Maintenance Strip.

C3.1 Grading Sheet

- Item No. 6 Minor Grade Adjustments for Sallyport drainage and added subdrain.

C6.1 Details Sheet

- Item No. 7 Adjusted Granular Surface Section Detail to callout Tensar HX145 Geogrid (Detail 2/C6.1).
Item No. 8 Adjusted Sallyport and Sidewalk details to have 6" modified subbase (Details 3 & 4/C6.1).
Item No. 9 Added Subdrain Detail (section A-A, Detail 5/C.1).
Item No. 10 Added Sidewalk to Sallyport Transition Detail (section B-B, Detail 6/C6.1).

Architectural Site

Sheet AC1.1 Enlarged Architectural Site Plan & Details

- Item No. 11 Reference CHAINLINK GATE SCHEDULE.
ELIMINATE Swinging Gate G01 entirely from the project.
- Item No. 12 Reference SECURITY FENCE NOTES.
MODIFY Note 3. INSIDE CORNER INTALLATIONS as provided in the attachment.
- Item No. 13 Reference Drawing 1. ENLARGED SITE PLAN – SALLY PORT.
ELIMINATE Swinging Gate G01 entirely from the project.
- Item No. 14 Reference Drawing 1. ENLARGED SITE PLAN – SALLY PORT.
ADDED note and dimension for placement of Welded Razor Wire Mesh installation at exterior cantilever gate, adjacent to perimeter fence line.
- Item No. 15 Reference Drawing 1. ENLARGED SITE PLAN – SALLY PORT.
ADDED notes calling out PCC pad under cantilever slide paths.
- Sheet AC2.1 Typical Perimeter Fence Section & Swing Gate Elevations**
- Item No. 16 REPLACE drawing sheet in its entirety.
All details have been modified.
SECURITY FENCE NOTES have been added for additional reference.

Bids are Due: June 19, 2025 / 2:00 PM local time *on the IMPACS Electronic Procurement System.*

END OF ADDENDUM 002

Issued By:



FARNSWORTH GROUP, INC.
Leona J. Sears, AIA
Senior Project Architect

Attachments:

- Specifications:* Section 32 31 13 – Chain Link Fencing
Section 32 31 14 – Cantilevered Gates
- Drawings:* C2.1 – Sallyport & Parking Layout
C2.2 – Overall Fence Layout w/ Existing Contours
C3.1 – Sallyport & Parking Grading Plan
C6.1 – Details
AC1.1 – Enlarged Architectural Site Plan & Details
AC2.1 – Typical Perimeter Fence Section & Swinging Gate Elevations

SECTION 32 31 13

CHAIN LINK FENCING

RFB #923904-01

PART 1 – GENERAL

1.1 SECTION INCLUDES

- A. Fence framework, fabric and accessories.
- B. Concrete post bases.
- C. High-security welded razor wire mesh panels integrated into heavy-duty cantilever sally port sliding gates.

1.2 QUALITY ASSURANCE

- A. Fencing shall meet or exceed minimum standards established by the Chain Link Fence Manufacturers Institute (CLFMI) Product manual or as specified or detailed, whichever is more stringent, for materials, finishes and installation.
- B. Manufacturer Qualifications:
 - 1. Company specializing in manufacturing the products specified in this section.
 - 2. Obtain chain link fences and gates, including accessories, fittings, and fastenings as complete units from a single source.
- C. Perform installation under supervision of factory-authorized representative.

1.3 SUBMITTALS

- A. Shop drawings: Indicate layout, spacing of components, gates, post foundation dimensions, hardware anchorage and schedule of components.
- B. Product Data: Provide data on finishes, fabric, posts, accessories, fittings and hardware and gates.
- C. Submit manufacturer's technical data and installation instructions for the chain link fencing and gates.

PART 2 – MATERIALS

2.1 MANUFACTURERS

- A. Acceptable Manufacturers:
 - 1. Anchor Fence Company, Inc.
 - 2. Anchor Die Cast, Inc.
 - 3. Master Halco
 - 4. The Tymetal Corporation
 - 5. Duke's Wire Mesh
 - 6. Approved equal.

2.2 MATERIALS

- A. Fence Height:
 - 1. Provide 12'-0" to top of mesh where specifically indicated on the drawings.
 - a. Height is not inclusive of razor wire top guard as required.
- B. All new materials; used, re-rolled, re-galvanized or open seam posts or rails not acceptable.

- C. Posts, gate frames, braces, rails, tension bars, truss rods and tension wire shall be of steel. Gate hinges, post tops, tension bar bands, and other parts shall be of steel or iron except that post tops, rail ends, ties and clips may be of aluminum.

2.3 COMPONENTS

- A. Fabric:
- 9-gauge (min.) steel wire woven in a 2" diamond mesh, one-piece fabric width.
 - Minimum breaking strength: 1290 lbf.
 - Top and bottom selvages twisted and barbed.
 - Finish:
 - Galvanized after weaving by hot-dip process to give a minimum of 1.2 oz. of zinc/sq. ft. of wire surface distributed over entire fabric, including cut ends, in accordance with ASTM A392 Class 1.

B. Welded Razor Wire:

- Welded straight-blade netting: 150mm x 300mm
- Surface Treatment: Galvanized Coating – 80-100g/m
- Diamond Hole Size: 2" short and long diagonal.
- Blade Type: CBT-60
- See drawings for locations near cantilever gates.

C. Framework:

- Steel Pipe – Type I: ASTM F -1083, standard weight (Schedule 40) galvanized pipe; sizes as indicated. Hot-dip galvanized with minimum average zinc coating of 1.8 oz./ft.2. Sizes as indicated.
- Steel Pipe – Type II: Steel pipe cold-formed and welded per ASTM F-1043, Group 1C or Group 4, having a minimum yield strength of 50,000 psi. The external zinc coating shall be Type B, zinc with polymer film, 0.90 oz./ft.2 minimum zinc coating with a chromate conversion and a verifiable polymer film. The internal coating shall be Type B, zinc 0.90 oz./ft.2 minimum or Type D, zinc pigmented, 81% nominal coating with 0.30 mils minimum thickness. Sizes as indicated.
- Framework Sizes:

Description	Nominal Outside Diameter	Nominal Weight Per Foot (Lbs/Ft)	
		Type I	Type II
End, corner and pull posts:	2.875"	5.79	4.64
Rails and post braces:	1.625"	2.27	1.83
Intermediate (Line) posts:	2.375"	3.65	3.12
Gate Posts:			
Swinging: Up to 6' wide:	2.875"		4.64
Over 6' to 12'	4.000"		8.65
Over 12' to 18'	6.625"		18.02
Over 18' to 24'	8.625"		27.12
Sliding: All widths	4.000" *		8.65
Gate Frame:	2.00"		2.28
Gate Interior Bracing:	1.66"		1.83

* 4" posts shall be provided at both the counterbalance and latch side of the gate opening.

D. Accessories

- Post Tops: Pressed steel, cast iron, or cast aluminum alloy ornamental tops or combination tops with razor wire supporting arms, as required. The post tops shall fit over the outside of posts and shall exclude moisture from the posts.
- Rail and Brace Ends: Pressed steel, cast iron, or cast aluminum alloy, cup-shaped to receive rail and brace ends.

3. Tension (Stretcher) Bars: Steel strip, Minimum 3/4" wide x 3/16" thick and not less than 2" shorter than fabric height. Provide one tension bar for each end and gate post, and two for each corner and pull post.
4. Tension (Stretcher) Bar Bands: Pressed steel, minimum 300-degree profile curvature for secure fence post attachment.
5. Truss Rods: Steel rod, galvanized, 3/8" diameter merchant quality with turnbuckle.
6. Tension Wire: Marcellled 7-gauge steel wire with minimum coating of 0.80 ounces of zinc or 0.40 ounces of aluminum per square foot of wire surface and conforming to ASTM A 824.
7. Stainless Steel Straps (Hog Rings):
 - a. Fabric to Intermediate (Line) Posts, Rails, and Braces: ASTM F626, 9-gauge galvanized steel. Minimum zinc coating 1.20 oz/ft².
 - b. Fabric to Tension Wires: ASTM F626, 9-gauge galvanized steel. Minimum zinc coating 1.20 oz/ft².
8. Barbed Tape/ Concertina: ASTM F 1910 430 Stainless Steel, 0.025 inch thick x 1" wide prior to forming, die stamped to produce 4 barbed points at 4 inches on center. Tape cold clenched over stainless-steel core wire with minimum tensile strength of 220,000 psi. 1.2 inch minimum length for each barb Concert in a 51 loop 5-clip 25-foot configuration. 30-inch coil.
 - a. Clips for fastening barbed tape to chain link fencing shall be fabricated from 0.065" x 0.375" AISI T 430 stainless steel, and capable of withstanding a minimum load of 200 lbs.
 - b. Clips shall be installed to prevent the slipping of one loop past another.
9. Finishes:
 - a. Unless noted otherwise, all iron and steel components, except wire and framework; hot-dip galvanized after fabrication to produce average minimum zinc coating weight of 1.2 oz. per square foot of surface.
- E. Concrete Mix:
 1. ASTM C94 Portland Cement concrete with maximum 3/4" aggregate having minimum compressive strength of 3,000-psi at 28 days.
- F. Manual Gates:
 1. Gate widths as indicated on plans.
 2. Gate height as indicated on plans.
 3. Gates shall be designed for manual operation by one person.
 4. Gates shall be factory assembled in one section.
 5. Gate frames: Gate frames shall be of welded construction, fabricated in accordance with ASTM F1184, Type II, Class 2, using 2" OD galvanized steel tube or aluminum alloy extrusions.
 6. Bracing: Provide adjustable bracing as required to comply with the performance deflection criteria listed in ASTM F1184. Bracing shall be 1 5/8" OD.
 7. Gate shall operate smoothly.
 8. Gate hangers, latches, brackets, guide assemblies, and stops: Malleable iron or steel, galvanized after fabrication. Provide positive latch with provisions for padlocking.
 - a. Manufactured to allow installation of future Owner provided interlock to control gates. Coordinate layout with Owner prior to shop drawing submittal and fabrication.
 9. Gate Hinges shall be non-lift-off type, malleable and permit 180-degree gate opening.
 10. Chain link fence fabric shall be the same type as used in fence construction.
 11. Finish: Galvanized to match fencing.
- G. Electromechanical Locks:
 1. Provide electro-mechanical locking devices for sliding gates and personnel gates that are solenoid actuated such that the deadbolt retracts when the solenoid is energized and remains electrically retracted until the gate is closed.
 2. Provide continuous duty type solenoid, rated for 120V ac, 60Hz operation.
 3. Ensure the locking device is unlockable by key and keyed on both sides.

4. Monitor status of the electro-mechanical lock by two limit switches (integral to the locking device) wired in series. Ensure one switch monitors the deadlock lever and the other monitors the locking tongue.
- H. Attachment Hardware For Welded Razor Wire.
 1. Framing/Clamps: Heavy-duty, low-profile flat bar clamps (minimum 1" x 1/8" thick galvanized steel) to secure mesh margins directly to gate frames.
 2. Fasteners: Tamper-proof, high-security breakaway nuts (shear nuts) with standard carriage bolts to prevent removal from the threat side.

PART 3 – EXECUTION

3.1 GENERAL

- A. Installation to conform to ASTM F-567.
- B. Straps, rails, posts, and braces shall be constructed on the secure side of the fence. Fabric shall be placed on the opposite (non-secure) side of the fence.
- C. Fence installer to verify underground utility locations or other obstructions prior to fence installation.
- D. Post Spacing: Space line posts at intervals not exceeding ten feet.
- E. Terminal posts (end, corner and gate posts) shall be set at the beginning and end of each continuous length of fence and at abrupt changes in vertical and horizontal alignments (30 degrees or more).
- F. Post Setting:
 1. Set terminal, gate and line posts plumb in concrete footings.
 - a. Footings to be:
 - 1) 12" (min.) diameter for intermediate (line) posts.
 - 2) 16" (min.) diameter for end and corner posts.
 - 3) 16" (min.) diameter for gate posts 4" OD and less.
 - 4) 24" (min.) for gate posts over 4" OD.
 - b. Bottom of footings to be:
 - 1) 42" (min.) below grade for 4" OD posts.
 - 2) 46" (min.) for 6 5/8" OD posts.
 - 3) 52" (min.) for 8 5/8" OD posts.
 2. Set bottom of posts 6" above bottom of footings. Trowel top of footings with a 1" (min.) to 2" (max.) crown to direct water away from posts. Top of crown to be 2" above grade. Footing to be uniform size full depth without flair at top of grade to prevent frost heave. Drill holes in firm, undisturbed or compacted soil. Place concrete around posts in a continuous pour and vibrate or tamp concrete around posts. Check each post for vertical and top alignment and hold in position during concrete placement.
- G. Bottom and Intermediate Rail: When specified, install 21 ft. lengths of rail continuous through the line post. Splice rail using sleeves minimum 6 inches long. The rail shall be secured to the terminal post by a brace band and rail end. Bottom rail or intermediate rail shall be field cut and secured to the line posts using boulevard bands or rail ends and brace bands. For added security drill and thru bolt rail to rail ends and boulevard bands using 3/8 inch carriage bolts.
 1. The bottom rail shall be bracketed to the concrete maintenance strip as follows:
 - a. Spacing: Max spacing between brackets shall be 3 ft.
 - b. Spacing for 9 ft fence sections shall be equally spaced every 3 ft.
 - c. Spacing for 5 ft fence sections shall be 2 ft max.
- H. Bracing: Brace gate and terminal posts back to adjacent line posts with horizontal brace rails at mid-height of fabric and diagonal truss rods. Brace line posts every 90 feet.
 1. Where fence turns corner or bends in excess of 30 degrees horizontally or vertically, provide corner post complete with bracing.

- I. Tension Wires: Stretch from end to end of each stretch of fence. Fasten to outside of line posts with tie wires. Attach to fabric with hog rings at 24" O.C. The tension wire shall be taut and free of sag:
 - 1. Top Tension Wire: Install within the top 6" of the fabric.
- J. Fabric: Pull fabric taut down to concrete maintenance pad. Anchor fabric to concrete so fabric remains in tension after pulling force is released. Fasten at terminal posts with tension bars threaded through mesh and secured with tension bands at maximum 15" intervals. Tie to line posts with tie wires spaced at maximum 15" O.C and within 4" from top and bottom of fabric. Attach to top and bottom tension wires with hog rings at maximum 24" intervals. Allow minimum 24 hours after post setting.
- K. Barbed Tape/ Concertina: As indicated on drawings,
 - 1. Locate at every interior fence corner around the complex. Provide a roll strand from the top of the fence running vertically down to the height of 7'-0" above grade and secure to the fence along the entire length of strand.
 - 2. Provide Concertina wire at the top of perimeter fence along its entire length.
 - a. Three (3) rolls of Concertina wire shall be attached between 7'-0" above grade to the top of the inside face of the fence.
 - b. One (1) roll of Concertina wire shall be attached just below the top of the fence on the exterior face.
 - c. All rolls shall be secured to the fence.
- L. Welded Razor Wire Overlay Application:
 - 1. Panel Layout: Unroll or position welded razor wire panels flat against the secure face of the chain link fence.
 - 2. Installation Orientation: Install panels vertically with the long dimension of the diamond pattern running vertically to maximize anti-climb properties.
 - 3. Splicing and Overlaps: Overlap adjacent razor wire panels by a minimum of one full diamond width at all vertical and horizontal seams to maintain complete perimeter continuity. Secure panels together using heavy-duty stainless steel clips or structural hog rings every 6 inches vertically.
 - a. Where multiple razor panels join, overlap panels by exactly two diamonds or a minimum of 4 inches.
 - 4. Fastening: Secure flat bar clamps over the razor panel edges to the fence structural frame members. Space fasteners uniformly at a maximum of 12 inches on center (O.C.) to prevent pulling or prying.
 - a. Crimp all clips fully using specialized pneumatic or heavy-duty manual installation pliers to ensure they cannot be pried open with hand tools.
- M. Gates:
 - 1. Install gates plumb, level and secure for full opening without interference. Anchor center stops and keepers in concrete footings. Adjust hardware for smooth operation and lubricate where necessary.
- N. Fasteners: Install nuts for fittings, bands and hardware bolts on the inside of fence. Peen ends of bolts or score threads to prevent removal of nuts.
- O. Grounding:
 - 1. Fences shall be grounded on each side of all gates, at each corner, at the closest approach to each building located within 50 feet of the fence, and where the fence alignment changes more than 15 degrees. Grounding locations shall not exceed 500 feet. Each gate panel shall be bonded with a flexible bond strap to its gate post. Fences crossed by powerlines of 600 volts or more shall be grounded at or near the point of crossing and at distances not exceeding 150 feet on each side of crossing. Ground conductor shall consist of No. 8 AWG solid copper wire. Grounding electrodes shall be 3/4 inch by 10-foot-long copper-clad steel rod. Electrodes shall be driven into the earth so that the top of the electrode is at least 6 inches below the grade. Where driving is impracticable, electrodes shall be buried a minimum of 12 inches deep and radially from the fence. The top of the electrode shall be not less than 2 feet or more than 8 feet from the fence. Ground conductor shall be clamped to the fence and electrodes with bronze grounding clamps to create electrical continuity

between fence posts, fence fabric, and ground rods. After installation, the total resistance of fence to ground shall not be greater than 25 ohms.

- P. Completed security fence and gate system shall not have openings or clearances greater than those specified.
- Q. Thoroughly clean up all excess materials and debris from erection operations.

3.2 CANTILEVER GATES TESTING

- A. Verify all operable elements of the cantilever gates have the necessary spatial clearance (typically a minimum of 2.5 to 3 inches of clear space) to prevent welded razor wire from catching on guides during gate operation.
- B. Cycle Testing: Field-test the cantilever sally port gate through 10 complete open/close cycles. Visually inspect for scraping, catching, or rattling against the receiving posts.

3.3 CLEAN UP

- A. Clean Up: The area of the fence line shall be left neat and free of any debris caused by the installation of the fence.
- B. Touch-Up: Coat any cut ends, welds, or minor install abrasions with two coats of cold-galvanizing compound (zinc-rich paint complying with ASTM A780) to stop premature corrosion.

END OF SECTION

SECTION 32 31 14

CANTILEVERED GATES

RFB #923904-01

PART 1 – GENERAL

1.1 SECTION INCLUDES

- A. Cantilever slide gates, gate posts, operators and related hardware. (Gate widths and slide directions as indicated on the drawings).
- B. See drawings for Electrically Operated Sliding Gate layout, details and additional notes.

1.2 REFERENCES

- A. Underwriters Laboratory Gate Operator Requirements (UL 325).
- B. ASTM F 2200 – Standard Specification for Automated Vehicular Gate Construction.
- C. ASTM F 1184 – Standard Specification for Industrial and Commercial Horizontal Slide Gates, Type II, Class 2.
- D. American Welding Society AWS D1.2 Structural Welding Code.

1.3 QUALITY ASSURANCE

- A. Manufacturer Qualifications:
 - 1. Company specializing in manufacturing the products specified in this section.
 - 2. Obtain gates, including accessories, fittings, and fastenings as complete units from a single source.

1.4 SUBMITTALS

- A. Shop drawings: Indicate layout, spacing of components, gates, hardware, anchorage, and schedule of components. Include complete details of gate construction, gate height and post spacing dimensions.
- B. Product Data: Provide data on finishes, fabric, posts, fittings and hardware, operators, pedestals, control panels, key switches, and electronic hardware.
- C. Submit manufacturer's technical data and installation instructions for the gates, operators, pedestals, control panels, key switches and hardware.

1.5 CERTIFICATIONS

- A. Certification of Performance Criteria:
 - 1. Manufacturer of gate system shall provide certification stating the gate system includes the following material components providing superior performance and longevity. Alternate designs built to minimum standards that do not include these additional structural features shall not be accepted.
 - a. The gate track system shall be welded and keyed to interlock into gate frame member.
 - b. Gate shall have a minimum counterbalance length of 50% opening width providing a 36% increase in lateral resistance (when compared to ASTM minimum of 40% counterbalance). The counterbalance section shall be filled with fabric or other specified material.
 - c. Intermediate vertical members shall be provided with spacing between verticals to be less than 50% of the gate frame height.

- d. Entire gate frame (including counterbalance section) shall include 2 adjustable stainless or galvanized steel cables (minimum 3/16") per bay to allow complete gate frame adjustment to maintain square and level orientation.
- e. Gate truck assemblies shall be tested for continuous duty and shall have precision ground and hardened components. Bearings shall be pre-lubricated and contain shock resistant outer races and captured seals.
- f. Gate truck assemblies shall be supported by a minimum 5/8" plated steel bolt with self-aligning capability, rated to support a 2,000 # reaction load.
- g. Hanger brackets shall be hot dipped galvanized steel with a minimum 3/8" thickness. Brackets shall be gusseted.
- h. Gate top track and supporting hanger bracket assemblies shall be certified by a licensed professional engineer in the State of Iowa to withstand a 2,000 lb. vertical reaction load without exceeding allowable stresses.
- i. Gate shall be in compliance with ASTM F 2200, Standard Specification for Automated Vehicular Gate Construction per section 2.01 C.
- j. Gate operator shall be in compliance with UL 325 as evidenced by UL listing label attached to gate operator.
- k. The aluminum welders and welding process must be certified.

1.6 WARRANTY

- A. Provide a minimum five-year manufacturer warranty for cantilever slide gates, operators and controls. Warranty shall begin at date of project Substantial Completion.

PART 2 – MATERIALS

2.1 MANUFACTURERS

- A. Acceptable Manufacturers:
 - 1. America's Gate Company: www.americasgatecompany.com
 - 2. Ameristar Security Products: www.ameristarfence.com
 - 3. Ametco Manufacturing Corporation: www.ametco.com
 - 4. The Tymetal Corporation: www.tymetal.com
 - 5. Approved equal per Section 01 60 00 – Product Requirements.
- B. Basis of Design: Fortress Box Frame Cantilever Slide Gate – Tymetal Corporation.

2.2 MATERIALS

- A. Gate Height:
 - 1. Provide 12'-0" to top of mesh where specifically indicated on the drawings.
 - 2. Height is not inclusive of razor tape
- B. All new materials; used, re-rolled, re-galvanized or open seam posts or rails not acceptable.
- C. Gate hinges, post tops, tension bar bands, and other parts shall be of steel or iron except that post tops, rail ends, ties and clips may be of aluminum.

2.3 COMPONENTS

- A. Framework:
 - 1. Steel Pipe – Type II: SS 40 Steel pipe cold-formed and welded per ASTM F-1043, Group 1C or Group 4, having a minimum yield strength of 50,000 psi. The external zinc coating shall be Type B, zinc with polymer film, 0.90 oz./ft.2 minimum zinc coating with a chromate conversion and a verifiable polymer film. The internal coating shall be Type B, zinc 0.90 oz./ft.2 minimum or Type D, zinc pigmented, 81% nominal coating with 0.30 mils minimum thickness. Sizes as indicated.

2. Framework Sizes:

Description	Nominal Outside Diameter	Nominal Weight Per Foot (Lbs/Ft)	
		Type I	Type II
Gates:			
Sliding: All widths	4.00" *		8.65
Gate Frame:	2.00"		2.28
Gate Interior Bracing:	1.66"		1.83

* 4" posts shall be provided at both the counterbalance and latch side of the gate opening. Posts shall also have a bracket equipped with (1) pair 3" (76mm) UHMW guide wheels.

B. Accessories

1. Post Tops: Pressed steel, cast iron, or cast aluminum alloy ornamental tops or combination tops with razor wire supporting arms, as required. The post tops shall fit over the outside of posts and shall exclude moisture from the posts.
2. Rail and Brace Ends: Pressed steel, cast iron, or cast aluminum alloy, cup-shaped to receive rail and brace ends.
3. Tension (Stretcher) Bars: Steel strip, Minimum 3/4" wide x 3/16" thick and not less than 2" shorter than fabric height. Provide one tension bar for each end and gate post, and two for each corner and pull post.
4. Tension (Stretcher) Bar Bands: Pressed steel, minimum 300-degree profile curvature for secure fence post attachment
5. Truss Rods: Steel rod, galvanized, 3/8" diameter merchant quality with turnbuckle.
6. Tension Wire: Marcellled 7-gauge steel wire with minimum coating of 0.80 ounces of zinc or 0.40 ounces of aluminum per square foot of wire surface and conforming to ASTM A 824.
7. Straight Line Razor Wire: ASTM F 1910 430 Stainless Steel, .025 inch (.6mm) thick x 1" wide prior to forming, die stamped to produce 4 barbed points at 4 inches (100mm) on center. Tape cold clenched over stainless-steel core wire with minimum tensile strength of 220,000 psi (1,517Mpa). 1.2 inch (30.5mm) minimum length for each barb.

C. Concrete Mix:

1. ASTM C94 Portland Cement concrete with maximum 3/4" aggregate having minimum compressive strength of 3,000-psi at 28 days.

D. Cantilever Slide Gates:

1. Gate widths as indicated on plans (40-foot minimum clear opening width).
2. Gate height to match fence height. Provide 12'-0" high gate (without razor wire top guard) where specifically indicated on the drawings.
3. Cantilever slide gates shall be designed for manual operation by one person. Provide provisions for gate operator where indicated on drawings.
4. Cantilever slide gates shall be factory assembled in one section.
5. Gate frames: Gate frames shall be of welded construction, fabricated in accordance with ASTM F1184, Type II, Class 2, using galvanized steel tube or aluminum alloy extrusions.
 - a. The primary members (top and bottom) shall be "P" shaped in cross section with no less than 2" on a side and weighing not less than 1.6 lb/lf. To maintain structural integrity this top member shall be "keyed" to interlock with a "keyed" track member.
 - b. End vertical members of the gate frame shall be 2"x2", weighing not less than 1.1 lb/lf. Interior vertical members shall alternate between 1"x1" and 1"x2" in cross section, weighing not less than .52 lb/lf and .82 lb/lf respectively. The 1"x2" and 1"x1" intermediate vertical members shall be spaced at a distance not to exceed the overall height of the box frame. The gate shall be constructed in "box" form with the width between the frames measuring 24" from outside to outside. Between these frames there shall be a continuous series of 1"x1" diagonal and horizontal bracing with the diagonals welded at approximately 45 degrees to the frames.

- c. The semi-enclosed "keyed" track shall be extruded from 6005A-T61 or 6105-T5 aluminum alloy, shall weigh a minimum of 2.9 lb/lf. A track member shall be located on each side frame. Welds to be placed alternately along the top and side of the track at 9" centers with welds being a minimum of 2" long.
 6. Diagonal "X" Bracing: Provide 3/16" or 1/4" diameter stainless or galvanized steel cable throughout the entire gate frame. Bracing shall be as required to comply with the performance deflection criteria listed in ASTM F1184
 7. Gate shall operate smoothly across the entire path of travel. Gate shall be designed to open or close by applying an initial pull force no greater than 40 lbs.
 8. Support from semi-closed track aluminum, extruded, two self-aligning 4-wheel, ball bearing truck assemblies.
 9. Gap protectors shall be provided and installed per ASTM F 2200.
 10. Gate hangers, latches, brackets, guide assemblies, and stops: Malleable iron or steel, galvanized after fabrication. Provide a positive latch with provisions for padlocking.
 11. Bottom guide wheel assemblies: Two pairs of rubber-tired guide wheels straddling bottom horizontal gate rail, allowing adjustment to maintain gate frame plumb and in proper alignment. Attach one assembly to each guide post.
 12. Fabric:
 - a. 9-gauge (min.) steel wire woven in a 2" diamond mesh, one-piece fabric width.
 - b. Minimum breaking strength: 1290 lbf.
 - c. Top and bottom selvages twisted and barbed.
 - d. Include fabric at counterbalance per ASTM F2200.
 13. Stainless Steel Straps (Hog Rings):
 - a. Fabric to Intermediate (Line) Posts, Rails, and Braces: ASTM F626, 9-gauge galvanized steel. Minimum zinc coating 1.20 oz/ft².
 - b. Fabric to Tension Wires: ASTM F626, 9-gauge galvanized steel. Minimum zinc coating 1.20 oz/ft².
 14. Gate Locks: Waterproof, tamper-resistant, electrically operated with six tumbler mechanical release. Provide status indicator for lock position (locked or unlocked).
 15. Catcher Assembly: Catcher shall be provided at both top and bottom of gate to prevent gate deflection.
 16. Finish:
 - a. Galvanized after weaving by hot-dip process to give a minimum of 1.2 oz. of zinc/sq. ft. of wire surface distributed over entire fabric, including cut ends, in accordance with ASTM A392 Class 1.
 17. All welds on the gate frame shall conform to Welding Procedure Specification and Procedure Qualification Record to ensure conformance to the AWS D1.2 Structural Welding Code. All individual welders shall be certified to AWS D1.2 welding code.
- E. Gate Operator:
1. Gate Operator shall be listed as approved to open and close the weight of gate and to provide convenience and security.
 - a. Motor Size: 208V-1ph, UL 325 compliant for Class III and IV.
 - b. Provide an integral disconnect switch.
 2. Gate Operator shall have capability to be easily switched to "manual" mode to disengage from chain drive and allow for gate to be opened and closed by hand. Ability to switch to manual mode shall be inaccessible from the non-secure side of the gate to prevent unauthorized usage.
 - a. Manual switch shall be provided inside of locked gate operator enclosure.
 3. Gate Operator shall be rated and warranted for cold-weather climates.
 4. Audio Alarm:
 - a. This alarm shall have a dual function.
 - 1) The first function shall be as a warning prior to gate movement. When the motor control board recognizes a command, this alarm shall be activated three (3) seconds before the motor is energized, and the gate begins to move. This shall be continuously activated while the gate is in motion.

5. Entrapment Devices:
 - a. Photoelectric through beams/photo eyes shall be installed to span the clear opening and gate path at the tail section.
6. Gate Monitoring Interface: The gate system shall include a dedicated, standalone, non-contact magnetic position sensor to monitor the [Fully Closed] status of the gate panel.
 - a. Independence: The sensor circuit shall operate entirely independent of the motor operator's internal travel limit switches.
 - b. Performance: The sensor shall feature a minimum magnetic gap allowance of 2.0 inches to prevent false alarms from wind load or gate movement.
 - c. Integration: The sensor output shall terminate at a designated auxiliary dry-contact terminal strip inside the operator control enclosure for integration with the facility's monitoring system.
7. See drawings for Electrically Operated Sliding Gate layout, details and additional notes.
8. Summary of Automatic Gate Operations:
 - a. Fire Department Access:
 - 1) "Knox" Key Switch turned to "Emergency Open" to open. Program gate to stay open until closed by the Master Station (NCF Control Center).
 - b. Owner Access:
 - 1) Radio to Master Station (NCF Control Center). Master Station Door Release Button to open and close.
 - c. Exiting:
 - 1) IPI Radio to Master Station (NCF Control Center). Master Station Door Release Button to open. Auto-close timer to close.

PART 3 – EXECUTION

3.1 GENERAL INSTALLATION

- A. Installation to conform to ASTM F-1184 standards for aluminum cantilever slide gates, Type II, Class 2. Automated gates shall comply with ASTM F2200 and UL 325.
- B. Wire ties, rails, posts, and braces shall be constructed on the secure side of the gate. Fabric shall be placed on the opposite (non-secure) side of the gate.
- C. Gate installer to verify underground utility locations or other obstructions prior to installation.
- D. Gates:
 1. Install gates plumb, level and secure for full opening without interference. Anchor center stops and keepers in concrete footings. Adjust hardware for smooth operation and lubricate where necessary.
 2. Install operators, pedestals, control panels, key switches, and electronic hardware in accordance with manufacturer's instructions. Demonstrate operation of all equipment in the presence of the Owner to confirm that all requirements described in the "Summary of Gate Operations" above are met.
 3. Obstruction Sensing Systems:
 - a. The inherent motor current sensors are part of the gate operator system and may not be removed or bypassed.
 - b. The installation contractor shall be responsible for ensuring that appropriate external secondary entrapment protection devices be installed for the specific site conditions to protect against all potential entrapment zones. Proper operation of these safety devices shall be verified and training as to the operation and maintenance of these devices for the users and owners shall be documented.
- E. Fasteners: Install nuts for fittings, bands and hardware bolts on the inside of gate. Peen ends of bolts or score threads to prevent removal of nuts.
- F. Completed security gate system shall not have openings or clearances greater than those specified or detailed (or not greater than 6 inches, whichever is more restrictive) either through or under the fencing.

- G. Thoroughly clean up all excess materials and debris from erection operations.

3.2 SYSTEM ACCEPTANCE & VALIDATION

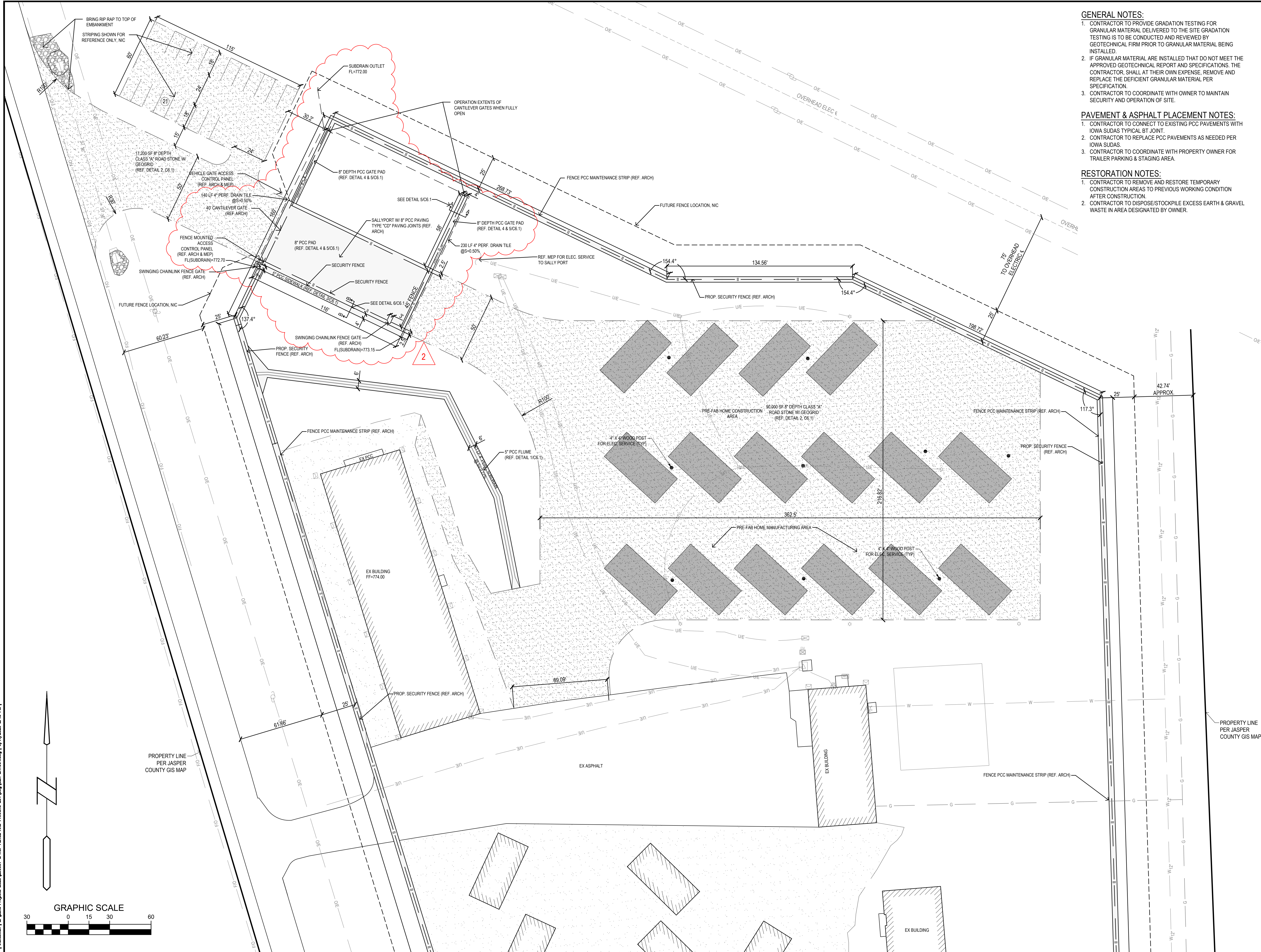
- A. Acceptance Test:
1. Test each system function.
 2. Supply all equipment necessary for system adjustment and testing.
- B. Test and Explain Safety Features:
1. Each system feature and device are a separate component of the gate system.
 2. Read and follow all the instructions for each component.
 3. Ensure that all instructions for mechanical components, safety devices and the gate operator are available for everyone who will be using the gate system.
 4. The warning signs shipped with the gate operator must be installed in prominent position on both sides of the gate.
- C. System Validation:
1. The complete system shall be adjusted to ensure it is performing properly.
 2. The system shall be operated for a sufficient period of time to determine that the system is in proper working order.
 3. Ensure the owner is clear with regard to the safety points concerning the basic operational guidelines of the safety features of the gate operator system. These safety points are listed in the operator manual and must be read prior to system use.
 4. Installer and customer shall complete Operated Gate System Installation Checklist (see operator manual).
- D. Welded Razor Wire Panel Verification:
1. Verify all operable elements of the cantilever gates have the necessary spatial clearance (typically a minimum of 2.5 to 3 inches of clear space) to prevent welded razor wire from catching on guides during gate operation.
 2. Cycle Testing: Field-test the cantilever sally port gate through 10 complete open/close cycles. Visually inspect for scraping, catching, or rattling against the receiving posts.

3.3 SCHEDULE

- A. At all gates, provide control panels, gate operator, handholes, conduit, and electrical wiring for complete installation and operation. Power, access controls cabling and mechanisms shall be provided under by the Electrical Contractor.
1. Coordinate the requirements of rough-in conduits with concrete installations with Electrical Contractor prior to installation.

END OF SECTION

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GENERAL NOTES:

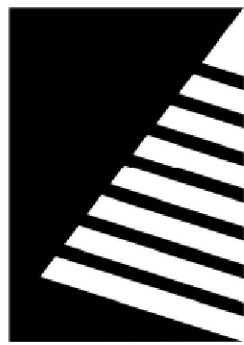
1. CONTRACTOR TO PROVIDE GRADATION TESTING FOR GRANULAR MATERIAL DELIVERED TO THE SITE. GRADATION TESTING IS TO BE CONDUCTED AND REVIEWED BY GEOTECHNICAL FIRM PRIOR TO GRANULAR MATERIAL BEING INSTALLED.
2. IF GRANULAR MATERIAL ARE INSTALLED THAT DO NOT MEET THE APPROVED GEOTECHNICAL REPORT AND SPECIFICATIONS, THE CONTRACTOR SHALL AT THEIR OWN EXPENSE, REMOVE AND REPLACE THE DEFICIENT GRANULAR MATERIAL PER SPECIFICATION.
3. CONTRACTOR TO COORDINATE WITH OWNER TO MAINTAIN SECURITY AND OPERATION OF SITE.

PAVEMENT & ASPHALT PLACEMENT NOTES:

1. CONTRACTOR TO CONNECT TO EXISTING PCC PAVEMENTS WITH IOWA SUDAS TYPICAL BT JOINT.
2. CONTRACTOR TO REPLACE PCC PAVEMENTS AS NEEDED PER IOWA SUDAS.
3. CONTRACTOR TO COORDINATE WITH PROPERTY OWNER FOR TRAILER PARKING & STAGING AREA.

RESTORATION NOTES:

1. CONTRACTOR TO REMOVE AND RESTORE TEMPORARY CONSTRUCTION AREAS TO PREVIOUS WORKING CONDITION AFTER CONSTRUCTION.
2. CONTRACTOR TO DISPOSE/STOCKPILE EXCESS EARTH & GRAVEL WASTE IN AREA DESIGNATED BY OWNER.



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ISSUE:		
#	DATE:	DESCRIPTION:
2	06/2026	ADDENDUM 2

100% Bid Documents

PROJECT:
State of Iowa

**Newton Correctional
Facility Iowa Prison
Industries Phase II
Perimeter Fence**

Newton, Iowa

DATE:	06/01/2026
DESIGNED:	BISHOP
DRAWN:	LCR
REVIEWED:	APPROVER
DAS NO.:	9239.04

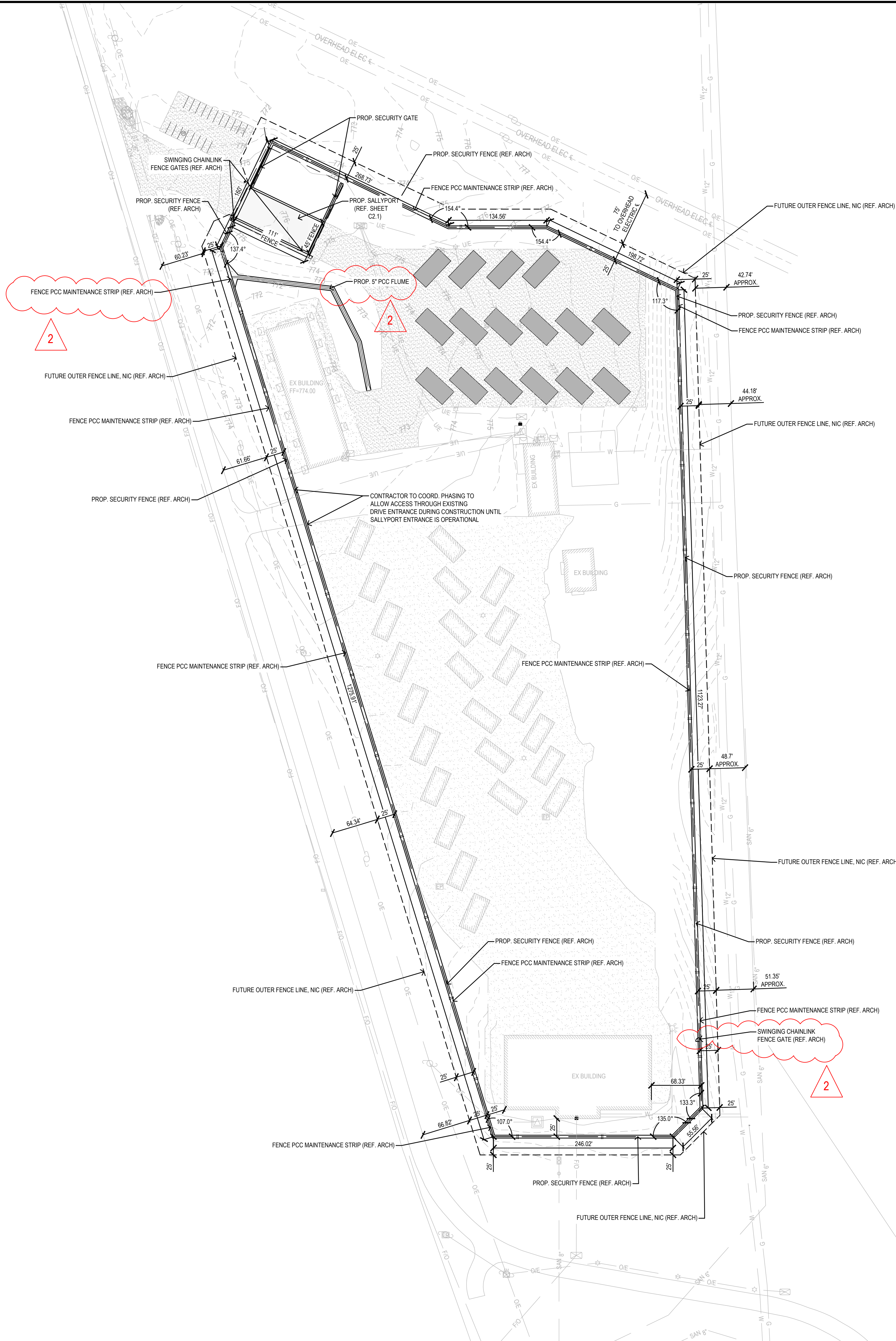
SHEET TITLE:
SALLYPORT & PARKING
LAYOUT

SHEET NUMBER:

C2.1

PROJECT NO.: 02401959.001

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PROJECT NOTES:

1. THE OUTER FENCE LIMITS ARE SHOWN FOR FUTURE COORDINATION PURPOSES ONLY AND ARE NOT INCLUDED IN THIS CONTRACT
2. SPOT GRADES SHOWN ON PLANS ARE FOR FINISHED GRADE ELEVATIONS.
3. FENCE LOCATION IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO ARCHITECTURAL PLANS FOR FINAL LOCATIONS AND LENGTHS OF FENCING.
4. ARCHITECTS PLANS TO GOVERN IN THE CASE OF ANY DISCREPANCY WITH CIVIL PLANS.
5. THIS PLAN SHOWS EXISTING GRADING AT FENCE LOCATIONS. ANY PROPOSED GRADING CHANGES CAN BE SEEN ON SHEET C3.1 GRADING PLAN



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#	DATE:	DESCRIPTION:
2	06/2026	ADDENDUM 2

100% Bid Documents

PROJECT:
State of Iowa

**Newton Correctional
Facility Iowa Prison
Industries Phase II
Perimeter Fence**

Newton, Iowa

DATE:	06/01/2026
DESIGNED:	BISHOP
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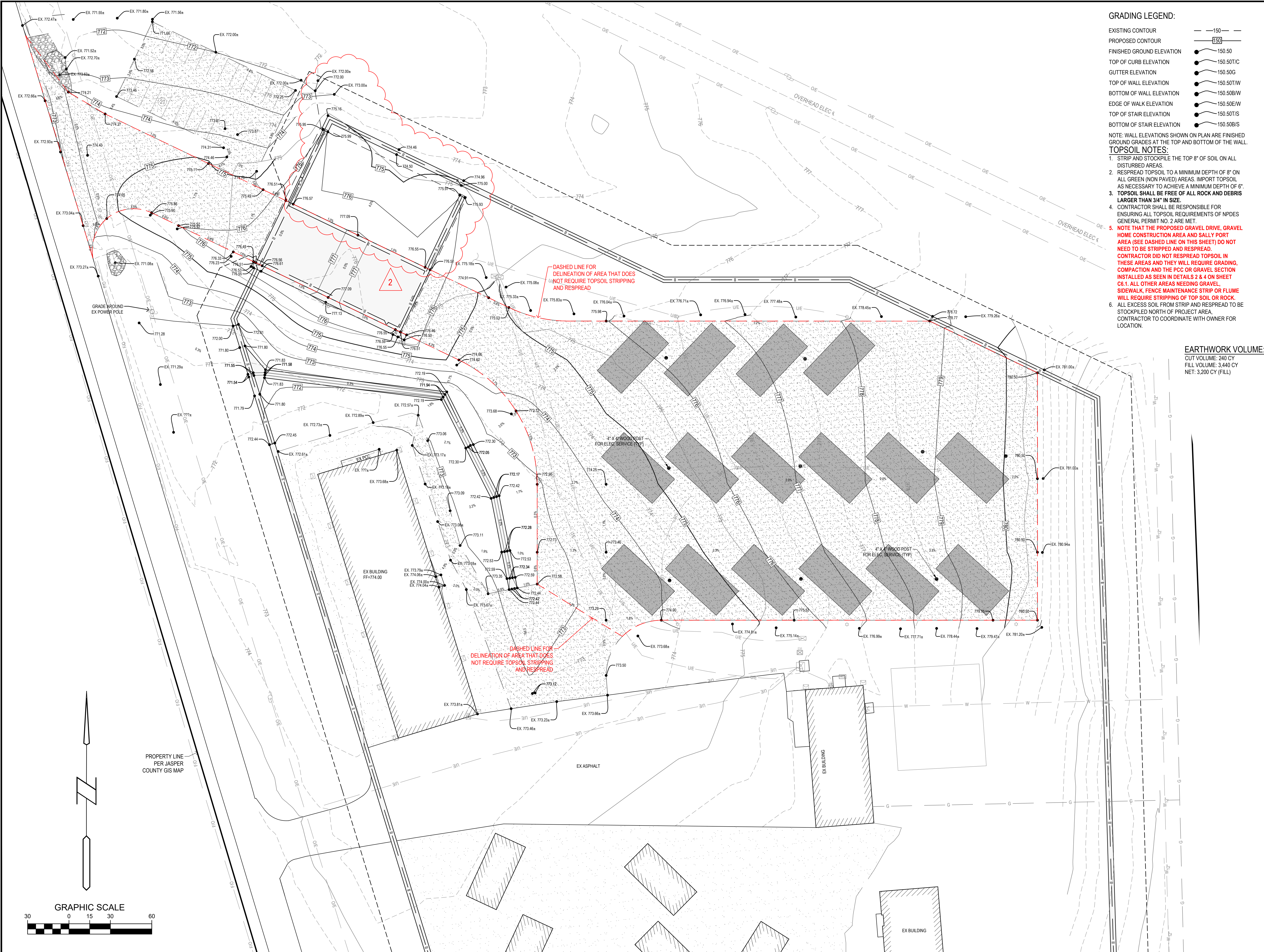
SHEET TITLE:
OVERALL FENCE LAYOUT
W/ EXISTING CONTOURS

SHEET NUMBER:

C2.2

PROJECT NO.: 02401959.001

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GRADING LEGEND:

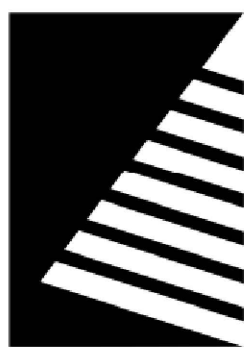
- | | |
|---------------------------|-----|
| EXISTING CONTOUR | --- |
| PROPOSED CONTOUR | --- |
| FINISHED GROUND ELEVATION | ● |
| TOP OF CURB ELEVATION | ● |
| GUTTER ELEVATION | ● |
| TOP OF WALL ELEVATION | ● |
| BOTTOM OF WALL ELEVATION | ● |
| EDGE OF WALK ELEVATION | ● |
| TOP OF STAIR ELEVATION | ● |
| BOTTOM OF STAIR ELEVATION | ● |

NOTE: WALL ELEVATIONS SHOWN ON PLAN ARE FINISHED GROUND GRADES AT THE TOP AND BOTTOM OF THE WALL.

- TOPSOIL NOTES:**
- STRIP AND STOCKPILE THE TOP 8" OF SOIL ON ALL DISTURBED AREAS.
 - RESPREAD TOPSOIL TO A MINIMUM DEPTH OF 8" ON ALL GREEN (NON PAVED) AREAS. IMPORT TOPSOIL AS NECESSARY TO ACHIEVE A MINIMUM DEPTH OF 6".
 - TOPSOIL SHALL BE FREE OF ALL ROCK AND DEBRIS LARGER THAN 3/4" IN SIZE.**
 - CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING ALL TOPSOIL REQUIREMENTS OF NPDES GENERAL PERMIT NO. 2 ARE MET.
 - NOTE THAT THE PROPOSED GRAVEL DRIVE, GRAVEL HOME CONSTRUCTION AREA AND SALLY PORT AREA (SEE DASHED LINE ON THIS SHEET) DO NOT NEED TO BE STRIPPED AND RESPREAD. CONTRACTOR DID NOT RESPREAD TOPSOIL IN THESE AREAS AND THEY WILL REQUIRE GRADING, COMPACTION AND THE PCC OR GRAVEL SECTION INSTALLED AS SEEN IN DETAILS 2 & 4 ON SHEET C3.1. ALL OTHER AREAS NEEDING GRAVEL, SIDEWALK, FENCE MAINTENANCE STRIP OR FLUME WILL REQUIRE STRIPPING OF TOP SOIL OR ROCK.**
 - ALL EXCESS SOIL FROM STRIP AND RESPREAD TO BE STOCKPILED NORTH OF PROJECT AREA. CONTRACTOR TO COORDINATE WITH OWNER FOR LOCATION.

EARTHWORK VOLUME:

CUT VOLUME: 240 CY
FILL VOLUME: 3,440 CY
NET: 3,200 CY (FILL)



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ISSUE:	DATE:	DESCRIPTION:
2	06/2026	ADDENDUM 2

100% Bid Documents

PROJECT:

State of Iowa

**Newton Correctional
Facility Iowa Prison
Industries Phase II
Perimeter Fence**

Newton, Iowa

DATE: 06/01/2026

DESIGNED: BISHOP

DRAWN: LCR

REVIEWED: APPROVER

DAS NO.: 9239.04

SHEET TITLE:

SALLYPORT & PARKING
GRADING PLAN

SHEET NUMBER:

C3.1

PROJECT NO.: 02401959.001



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PROJECT:

State of Iowa

State of Iowa

Newton, Iowa

DATE: 06/01/2026

DESIGNED: LS

DRAWN: KH

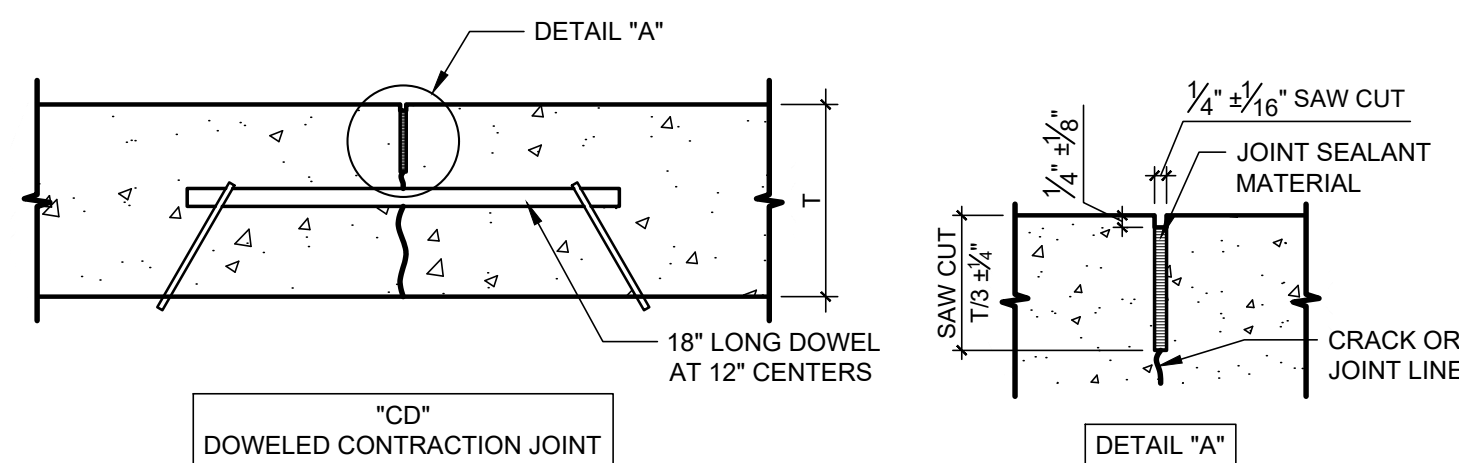
REVIEWED: _____ LS _____

DAS NO.: 9239.04

SHEET NUMBER: _____

AC1.1

PROJECT NO.: 02401959.001



GENERAL SITE NOTES

1. ALL SITE WORK SHALL COMPLY WITH THE STATEWIDE URBAN STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS (SUDAS).
2. CONTRACTOR SHALL ADJUST ALL UTILITIES TO THE FINISH GRADE. UTILITY ADJUSTMENTS SHALL BE INCLUDED IN THE BID FOR GRADING.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL UTILITIES. ANY DAMAGE TO SAID UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
4. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT O.S.H.A. CODES AND STANDARDS. NOTHING INDICATED ON THESE PLANS SHALL RELIEVE THE CONTRACTOR FROM COMPLYING WITH THE APPROPRIATE SAFETY REGULATIONS.
5. THE CONTRACTOR IS LIABLE FOR ALL DAMAGES TO PUBLIC OR PRIVATE PROPERTY CAUSED BY THEIR ACTION OR INACTION IN PROVIDING FOR STORM WATER FLOW DURING CONSTRUCTION. DO NOT RESTRICT FLOWS IN EXISTING DRAINAGE CHANNELS, STORM SEWER, OR FACILITIES.
6. THE OWNER'S GEOTECHNICAL ENGINEER SHALL MONITOR THE GRADING OF THE PAVEMENT SUBGRADE, AND PROVIDE DENSITY TESTS. THE GEOTECHNICAL ENGINEER SHALL INSPECT THE FINISHED SUBGRADE PRIOR TO PAVING TO DETERMINE IF ADDITIONAL WORK IS REQUIRED. SOILS TEST RESULTS SHALL BE SUBMITTED TO AND APPROVED BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION.
7. SITE CONTOURS SHOWN ARE EXISTING GRADES. MINOR GRADING SHALL BE PERFORMED TO ACCOMMODATE INSTALLATION OF PERIMETER FENCE COMPONENTS.
8. CONTRACTOR SHALL CONTACT OWNER 48 HOURS PRIOR TO CONSTRUCTION.
9. CONTRACTOR SHALL PICK UP ANY DEBRIS SPILLED ONTO THE ADJACENT PROPERTY AND RIGHT OF WAY AS THE RESULT OF CONSTRUCTION.
10. CONTRACTOR TO OBTAIN ANY AND ALL NECESSARY PERMITS FOR THIS PROJECT.
11. THIS SITE WILL BE DISTURBED DURING DEMOLITION, TREE CLEARING, FENCE INSTALLATION, OR OTHER CONSTRUCTION ACTIVITIES. ANY PROPERTY DISTURBED BY THIS CONSTRUCTION PROJECT SHALL BE RESTORED TO ORIGINAL CONDITION, PREPARE SEEDBED, FERTILIZE, AND SEED IN ACCORDANCE WITH SUDAS SPECIFICATIONS.

DEMOLITION NOTES

1. EXISTING STRUCTURE AND ADJACENT PAVEMENT TO REMAIN. PROTECT DURING CONSTRUCTION.
2. EXISTING UTILITIES TO REMAIN. COORDINATE ANY NECESSARY ADJUSTMENTS WITH THE UTILITY SERVICE PROVIDER AND OWNER. CONTRACTOR SHALL BE RESPONSIBLE OR DETERMINING THE EXISTENCE, EXACT LOCATION AND DEPTH OF UTILITIES IN PROXIMITY OF PROPOSED WORK PRIOR TO CONSTRUCTION.
3. REMOVE/MODIFY EXISTING GRAVEL-SURFACE ACCESS DRIVE AS REQUIRED FOR NEW CONSTRUCTION. COORDINATE RELOCATION OF EXISTING MATERIALS WITH CONSTRUCTION OF NEW CONCRETE PAVED ACCESS DRIVE.

SALLY PORT GATE OPERATION PROCEDURES:

1. ALL SALLY PORTS SHALL BE CONTROLLED BY STAFF LOCATED IN A SECURE AREA EITHER ADJACENT TO THE GATE OR REMOTELY LOCATED.
2. TWO INDEPENDENTLY OPERATED GATES AND/OR DOORS, THESE GATES/DOORS SHALL BE ELECTRONICALLY, MECHANICALLY, OR PHYSICALLY INTERLOCKED SO THAT ONLY ONE GATE/DOOR MAY BE OPENED AT ONE TIME.
3. ENTERING COMPOUND PROCEDURES:
 - AS A VEHICLE APPROACHES TO ENTER THE SALLY PORT, THE VEHICLE WILL STOP AND PRODUCE A VALID ID IN ORDER TO BE AUTHORIZED INTO THE SALLY PORT. ONCE THE ID HAS BEEN VALIDATED AND THE VEHICLE IS ALLOWED TO ENTER THE SALLY PORT, THE ENTRY GATE MAY BE OPENED.
 - THE ENTERING VEHICLE WILL STOP AT THE SALLY PORT ONCE CLEARED OF THE OPEN GATE AND PRIOR TO THE SECOND GATE. ONCE THE OPEN GATE HAS BEEN RE-SECURED, THE VEHICLE WILL BE THOROUGHLY SEARCHED.
 - ONCE THE SEARCH OF THE VEHICLE IS COMPLETED, THE SECOND GATE CAN BE OPENED TO ALLOW THE VEHICLE TO ENTER.
4. EXITING COMPOUND PROCEDURES:
 - MINUS HAVING TO PRODUCE AN ID, THE OVERALL PROCESS IS REVERSED. ONCE THE VEHICLE IS SECURED IN THE SALLY PORT AREA, THE VEHICLE WILL BE SEARCHED AND INDICATES SHALL BE ACCOUNTED FOR PRIOR TO OPENING THE OUTER GATE FOR THE VEHICLE TO EXIT.

PAVING NOTES:

1. ALL PAVING WORK SHALL COMPLY WITH THE STATEWIDE URBAN STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS (SUDAS).
2. THE PAVING CONTRACTOR SHALL BACKFILL THE PAVING SLAB AND FINE GRADE AREAS DISTURBED BY NEW CONSTRUCTION AS SOON AFTER THE PAVING AS POSSIBLE. DISTURBED LANDSCAPED AREAS SHALL BE SEED IN ACCORDANCE WITH THE URBAN STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS.
3. SAWCUT NEW PAVEMENT INTO SQUARES BETWEEN APPROXIMATELY 12' x 12' AND 15' x 15'. LENGTH SHALL NOT EXCEED 150% OF WIDTH.
4. PLACE 1/2" EXPANSION JOINT MATERIAL (FIBERBOARD) AROUND ALL STRUCTURES (MANHOLES, JUNCTION BOXES, POLES, BOLLARDS, ETC.) IN PAVEMENT; NEXT TO BUILDING, AND ALONG ADJACENT SIDEWALKS.
5. CONTRACTOR TO PROVIDE SAWCUT JOINTING PLAN TO OWNER OR OWNER'S REPRESENTATIVE PRIOR TO ANY CONCRETE PAVEMENT INSTALLATION.
6. PAVEMENT MAY BE REQUIRED TO BE REMOVED AND REPLACED IF PLACED WITHOUT AN APPROVED JOINTING PLAN.
7. LONGITUDINAL JOINTS IN DRIVE LANES SHALL BE TYPE "CD" CONTRACTION JOINTS AND HAVE STEEL PROVIDE 36" LONG #4 BARS AT 30" CENTERS.

SECURITY FENCE NOTES:

- ### 1. SECURITY FENCE MATERIALS:
- RAZOR TAPE: 30" DIAMETER STAINLESS STEEL BARBED TAPE 51 LOOP 5-CLIP 25 FT STAINLESS STEEL CORE WIRE.
 - CONCERTINA (DANNERT) WIRE: BARBED TAPE ASTM F 1910 430 STAINLESS STEEL, .025 INCH (.6MM) THICK X 1/4 INCH (25MM) WIDE PRIOR TO FORMING, DIMP STAMPED TO PROVIDE 4-CLIP HOOKS POINTS AT 4 INCHES (100MM) ON CENTER. TAPE TO HOLD CLENCH OVER STAINLESS STEEL CORE WIRE WITH MINIMUM TENSILE STRENGTH OF 220,000 PSI (1,517MPA). 1.2 INCH (30.5MM) MINIMUM LENGTH FOR EACH BARB CONCERT IN A 5-CLIP CONFIGURATION. 30 INCH (762MM) COIL.
 - EACH ROLL OF RAZOR WIRE SHALL CONSIST OF 51 CONTINUOUS LOOPS WITH ADJACENT LOOPS CLIPPED AT 5 EQUALLY SPACING LOCATIONS AROUND THE ROLL TO PREVENT TO PROVIDE CONCERTINA EFFECT. LOOPS TO BE SPACING SHALL BE 12" (+/- 2") FOR AN ERECTED LENGTH OF 25' (+/- 2"). THESE CLIPS ARE INSTALLED IN SUCH A FASHION, AS TO PREVENT THE SLIPPING OF ONE LOOP PAST ANOTHER.
 - BULL RINGS: FABRICATED FROM .065X 3/8" AISI T 430 STAINLESS STEEL THAT ARE CAPABLE OF WITHSTANDING A MINIMUM LOAD OF 200 LBS.
- ### 2. RAZOR TAPE/CONCERTINA WIRE SHALL BE INSTALLED ON THE TOP OF EACH FENCE LINE. PROVIDE QTY. (3) HORIZONTAL ROLLS OF CONCERTINA WIRE OF THE INTERIOR FACE OF EACH PERIMETER FENCE LINES AND QTY. (1) ON THE EXTERIOR FACE ON THE TOP. SECURE HORIZONTAL ROLLS AT THE BOTTOM, MIDDLE AND JUST BELOW THE TOP ROLL OF RAZOR TAPE WITH CONCERTINA BULL RINGS TO THE FENCE.
- 
- ### 3. INSIDE CORNER INSTALLATIONS:
- INSTALL ADDITIONAL CONCERTINA WIRE (AKA DANNERT WIRE) AT EVERY CORNER AROUND THE COMPLEX AS NOTED. PROVIDE EITHER A CONCERTINA ROLL STRAND FROM THE TOP OF THE FENCE ROLL VERTICALLY TO 7'-0" ABOVE GRAD AND SECURED TO THE FENCE ITSELF WITH CONCERTINA BULL RINGS OR PROVIDE A CRISS-CROSS PATTERN OF CONCERTINA WIRE IN THE CORNERS OF THE FENCES AND SECURED TO THE FENCE ABOVE 7'-0".
 - SECURE HORIZONTAL ROLLS TO VERTICAL ROLL AT CORNER AND FENCE WITH CORRESPONDING CONCERTINA BULL AND HOG RINGS.

STORM WATER POLLUTION PREVENTION PLAN GENERAL NOTES

1. ADDITIONAL MEASURES TO MEET THE REQUIREMENTS OF THE SWPPP AND CHANGING SITE CONDITIONS MAY BE NEEDED.
2. ALL POLLUTION PREVENTION MEASURES REQUIRED, AS A RESULT OF CONSTRUCTION ACTIVITIES, ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL TAKE ALL ACTIONS NECESSARY FOR INSTALLATION OF CONTROL MEASURES FOR COMPLIANCE WITH PERMIT REQUIREMENTS.
3. ALL AREAS DISTURBED BY CONSTRUCTION SHALL NOT BE ALLOWED TO STAND BARREN FOR MORE THAN 14 DAYS. DISTURBED AREAS SHALL BE SEEDED OR MULCHED FOR TEMPORARY EROSION CONTROL UNTIL THE PERMANENT SURFACE IS IN PLACE. PERMANENT SURFACES INCLUDE BUILDING, PAVEMENT, GRANULAR SURFACE, OR LAWN.
4. WASHOUT FACILITIES SHALL BE A MINIMUM OF 50' FROM STORM DRAIN INLETS OR DRAINAGE WAYS.
5. SIGNAGE SHALL BE PROVIDED AT SITE TO IDENTIFY FACILITY.
6. INSPECTOR SHALL MEET IDNR AND EPA REQUIREMENTS FOR ALL INSPECTION INCLUDING BUT NOT LIMITED TO DISTURBED AREAS, TRACK OUT, ENTRANCE, DISCHARGE POINTS AND STORAGE AREAS.
7. MODIFICATIONS TO THE SWPPP SHALL BE IMPLEMENTED WITHIN 7 CALENDAR DAYS FOLLOWING THE INSPECTION.
8. THE INSPECTION REPORTS SHALL INCLUDE THE INSPECTORS QUALIFICATIONS.
9. ANY CONTRACTOR PERFORMING LAND DISTURBING ACTIVITIES WILL SIGN A CONTRACTORS CERTIFICATION STATEMENT PRIOR TO BEGINNING WORK AT THE SITE. ALL CERTIFICATIONS SHALL BE INCLUDED IN THE SWPPP.

NUMBER	LEAFS	DOOR	DETAIL	CONTROLS	REMARKS
		DOOR SIZE (W x H)			
G01	1				
G02	1	3'-0" x 7'-0"	3/AC2.1	CC	NOTES: 1 & 2
G03	1	3'-0" x 7'-0"	3/AC2.1	CC	NOTES: 1 & 2
G04	1	5'-0" x 7'-0"	3/AC2.1	PADLOCK	NOTES: 3 & 4

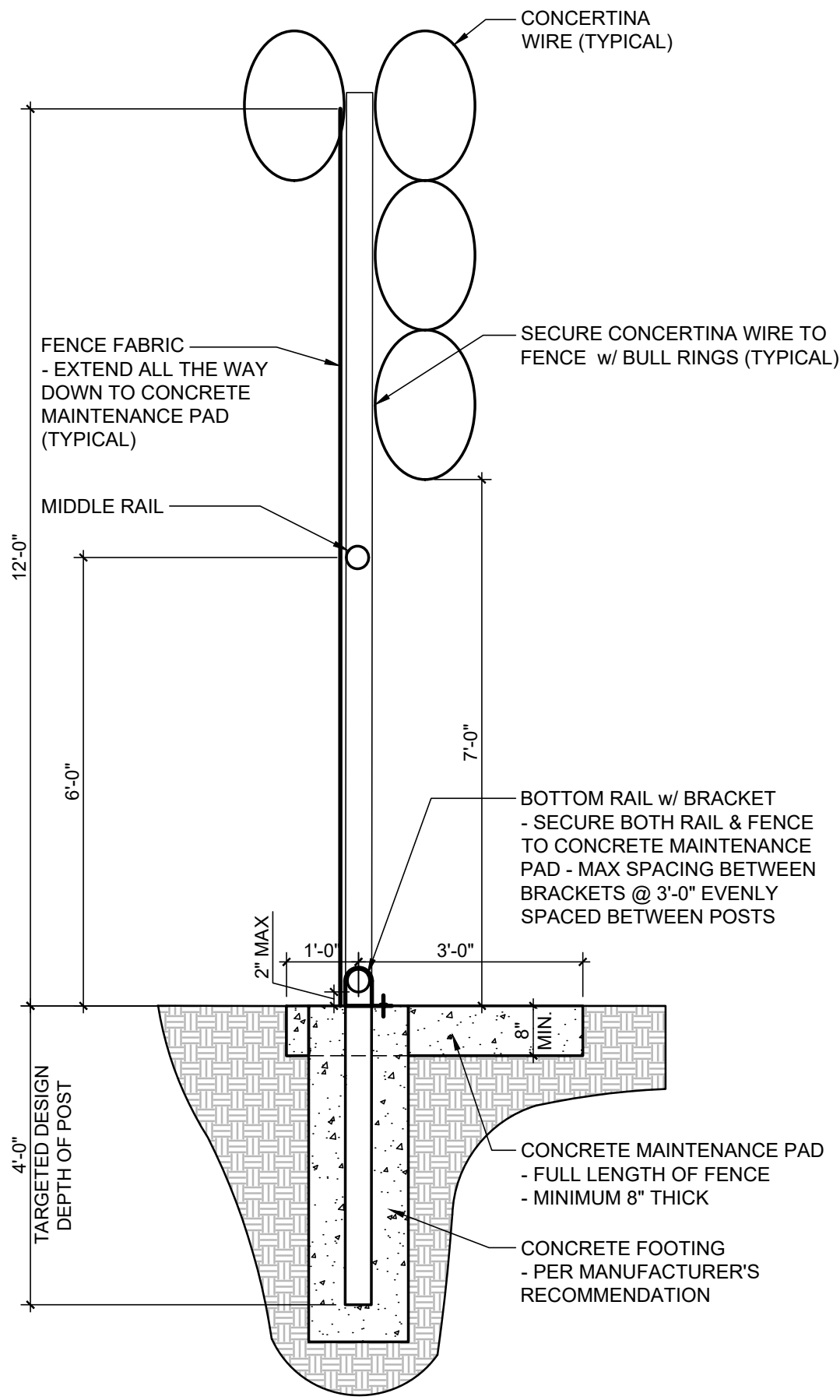
GENERAL NOTES

1. ALL GATES ARE SWINGING CHAIN LINK TYPE. SEE SPEC. FOR ADDITIONAL INFORMATION.
2. HARDWARE DESIGNATED AS "CC" DENOTES THE INTEGRATION OF REMOTE ACCESS CONTROLS MANAGED FROM THE MAIN FACILITY CONTROL CENTER.

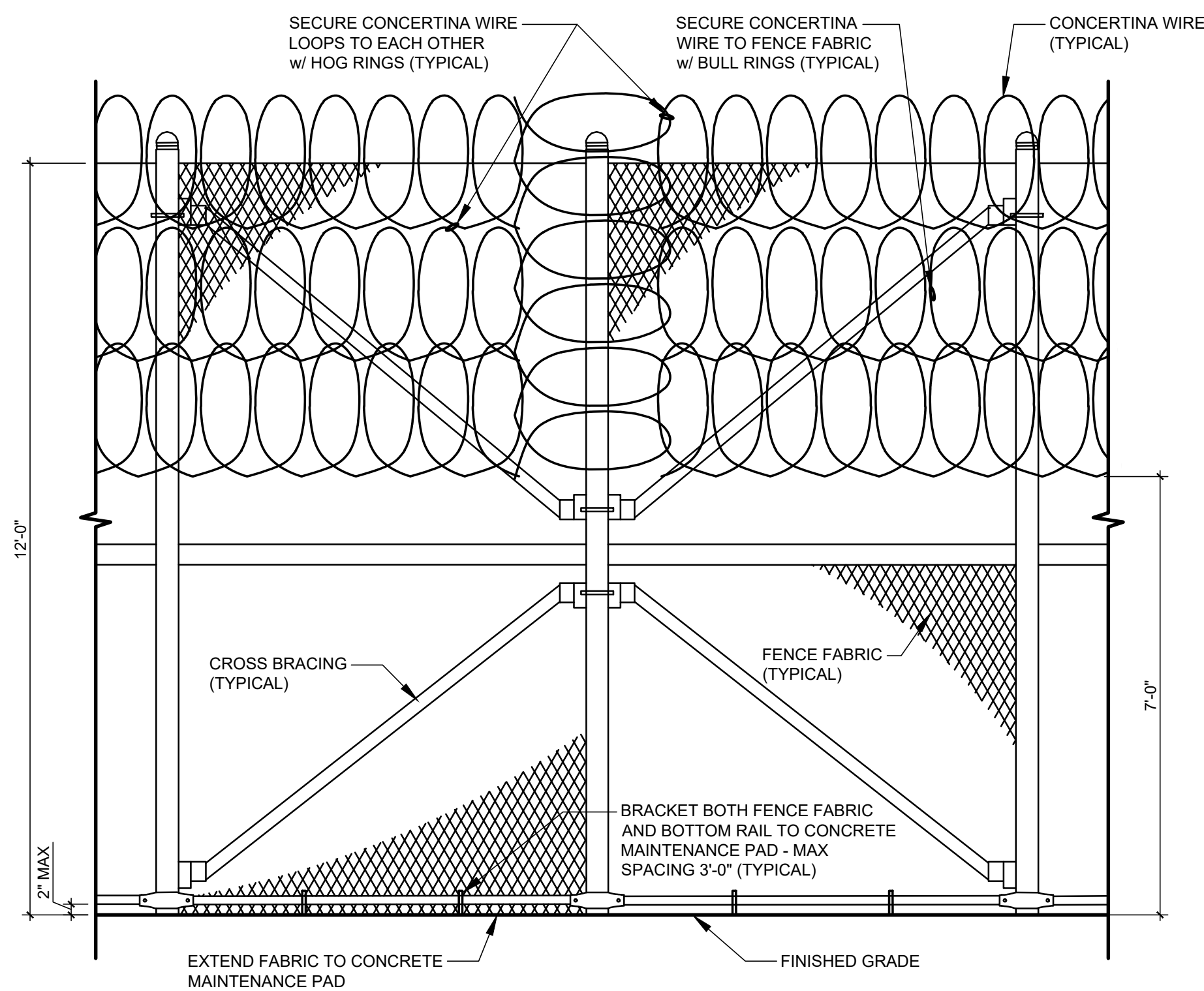
OPENING SCHEDULE KEY NOTES:

- NOTE 1: COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTIONS.
NOTE 2: COORDINATE WITH ELECTRICAL CONTRACTOR FOR ACCESS CONTROL CONNECTIONS.
NOTE 3: COORDINATE WITH ELECTRICAL CONTRACTOR FOR ACCESS CONTROL ROUGH-INS.
NOTE 4: COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER ROUGH-INS.

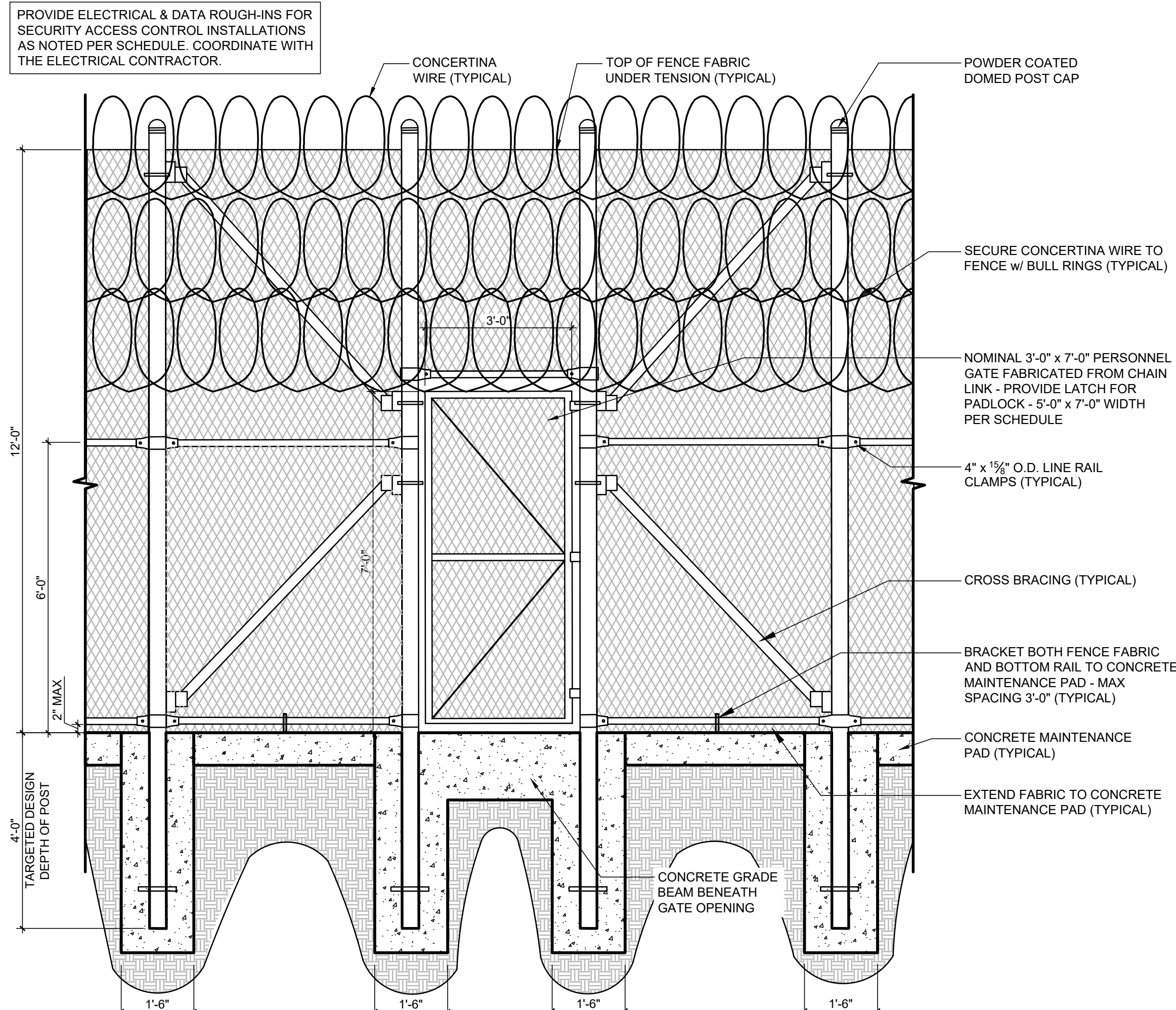
I:\error1 | 3/2024 | 02401959.001 - Newton CT IP1 Phase II Warehouse\07_Bid Phase\Addenda\03_Fence Bid\Add_021_Working Files\DWG\AC21_Fence Details.dwg | 6/15/2026 3:40 PM |



1 TYPICAL PERIMETER FENCE SECTION
SCALE: 1/2" = 1'-0"



2 TYPICAL PERIMETER FENCE CORNER ELEVATION
SCALE: 1/2" = 1'-0"



3 ELEVATION - TYPICAL 3'-0" SWINGING DOOR
SCALE: 1/2" = 1'-0"

SPECIAL NOTE:

ALL INFORMATION PROVIDED IN THESE DOCUMENTS CONCERNING ANY WORK DIRECTLY ASSOCIATED WITH THE PROVISION OF POWER AND SECURITY ACCESS CONTROLS TO ANY GATES NOTED TO RECEIVE SHALL BE COORDINATED WITH THE ELECTRICAL CONTRACTOR.

SECURITY FENCE NOTES:

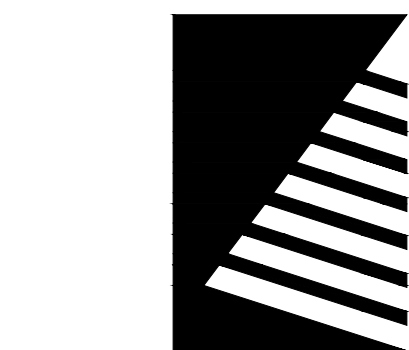
1. SECURITY FENCE MATERIALS:

- RAZOR TAPE: 30" DIAMETER STAINLESS STEEL BARBED TAPE 51 LOOP 5-CLIP 26 FT STAINLESS STEEL CORE WIRE.
- CONCERTINA (DANNERT) WIRE: BARBED TAPE ASTM F 1910 430 STAINLESS STEEL .025 INCH (.6MM) THICK X 1 INCH (25MM) WIDE PRIOR TO FORMING, DIE STAMPED TO PRODUCE 4 BARBED POINTS AT 4 INCHES (100MM) ON CENTER. TAPE COLD CLENCHED OVER STAINLESS STEEL CORE WIRE WITH MINIMUM TENSILE STRENGTH OF 220,000 PSI (1,517MPA). 1.2 INCH (30.5MM) MINIMUM LENGTH FOR EACH BARB CONCERT IN A 5-CLIP CONFIGURATION. 30 INCH (750MM) COIL.
- EACH ROLL OF RAZOR WIRE SHALL CONSIST OF 51 CONTINUOUS LOOPS, WITH ADJACENT LOOPS CLIPPED AT 5 EQUALLY SPACED LOCATIONS AROUND THE CIRCUMFERENCE TO PROVIDE CONCERTINA EFFECT. LOOP SPACING SHALL BE 12" (+/- 2"). FOR AN ERECTED LENGTH OF 26FT (+/- 2FT.) THESE CLIPS ARE INSTALLED IN SUCH A FASHION, AS TO PREVENT THE SLIPPING OF ONE LOOP PAST ANOTHER.
- BULL RINGS: FABRICATED FROM .065"X .375" AISI T 430 STAINLESS STEEL, THAT ARE CAPABLE OF WITHSTANDING A MINIMUM LOAD OF 200 LBS.

2. RAZOR TAPE/CONCERTINA WIRE SHALL BE INSTALLED ON THE TOP OF EACH FENCE LINE. PROVIDE QTY. (3) HORIZONTAL ROLLS OF CONCERTINA WIRE ON THE INTERIOR FACE OF EACH PERIMETER FENCE LINES AND QTY. (1) ON THE EXTERIOR FACE ON THE TOP. SECURE HORIZONTAL ROLLS AT THE BOTTOM, MIDDLE AND JUST BELOW THE TOP ROLL OF RAZOR TAPE WITH CONCERTINA BULL RINGS TO THE FENCE.

3. INSIDE CORNER INSTALLATIONS:

- INSTALL ADDITIONAL CONCERTINA WIRE (AKA DANNERT WIRE) AT EVERY CORNER AROUND THE COMPLEX AS NOTED. PROVIDE EITHER A CONCERTINA ROLL STRAND FROM THE TOP OF THE FENCE RAN VERTICALLY TO 7'-0" ABOVE GRAD AND SECURED TO THE FENCE ITSELF WITH CONCERTINA BULL RINGS OR PROVIDE A CRISS-CROSS PATTERN OF CONCERTINA WIRE IN THE CORNERS OF THE FENCES AND SECURED TO THE FENCE ABOVE 7'-0".
- SECURE HORIZONTAL ROLLS TO VERTICAL ROLL AT CORNER AND FENCE WITH CORRESPONDING CONCERTINA BULL AND HOG RINGS.



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ISSUE:

DATE: DESCRIPTION:

1 06/16/2026 ADDENDUM No. 2

100% Bid Documents

PROJECT:

State of Iowa

Newton Correctional
Facility Iowa Prison
Industries Phase II
Perimeter Fence

Newton, Iowa

DATE: 06/01/2026

DESIGNED: BR

DRAWN: SD

REVIEWED: LS

DAS NO.: 9239.04

SHEET TITLE:

TYPICAL PERIMETER
FENCE SECTION
& SWINGING GATE
ELEVATIONS

SHEET NUMBER:

AC2.1

PROJECT NO.: 02401959.001