ADDENDUM #2

Project Name:
Newton Correctional IPI Homes for Iowa Phase II - Fencing
DAS Project # 9239.04
RFB 923904-02
Addendum #2
Dated: July 24, 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. None noted

2. PLANS

A. See attached Farnsworth Group Addendum #01

3. SPECIFICATIONS

A. None noted

4. QUESTIONS AND CLARIFICATIONS

A. See attached Farnsworth Group Addendum #01

5. SUBSTITUTION REQUESTS

A. See attached Farnsworth Group Addendum #01

6. ATTACHMENTS

A. Farnsworth Group Addendum #1 (10 pages)

END OF ADDENDUM

ADDENDUM #02

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Addendum

Addendum Number: 01

Addendum Issue Date: July 23, 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 923904-02

Containing: 3 Pages; 0 Documents; 7 Drawings; 0 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****.*

General:

Item No. 1 The fence bottom rail attachment bracket shall be provided and installed under BP-01 per the Base Bid. Utilize a wall mount brace band or similar bracket with wedge anchors to secure the rail as required.

Item No. 2 If conflicts are identified, bidders shall base all BP-01 Perimeter Fence quantities and layout requirements on the information as noted in the Civil drawings. For BP-02 conflicts which are identified, the governing documents shall be the Architectural fence plans.

Item No. 3 Slight adjustment to fence location as noted in the Civil drawings has been provided to ensure design showed the fence was a minimum of 25’ off of existing buildings.

Drawings:

Civil

C2.1 & C2.2 Layout Sheets

Item No. 4 Slight Adjustment to fence routing adding an additional 6 feet of fence and associated maintenance strip.

Item No. 5 Note added for contractor to ensure that fences are to be constructed a minimum of 25’ off of buildings.

C3.1 Grading Sheet

Item No. 6 Slight shift to spot grades where fence had minor location adjustment.

Electrical

Drawing E1.2 – SITE PART PLAN (NORTH) - ELECTRICAL

Item No. 7 Add Keyed Note #20 and note references for existing hand holes as shown on revised drawing E1.2.

Drawing E1.3 – SITE PART PLAN (SOUTH) - ELECTRICAL

Item No. 8 Revise Keyed Note #3 as shown on revised drawing E1.3.

Drawing E1.4 – SALLY PORT PART PLAN - ELECTRICAL

Item No. 9 Change Keyed Note reference for Hand Hole from #17 to Keyed Note #14 as shown on revised drawing E1.4.

Item No. 10 Add detail references for Sally Port man gates as shown on revised drawing E1.4.

Item No. 11 Add Keyed Note references for two hand holes near future gate position and LP-1 fixture as shown on revised drawing E1.4.

Drawing E1.6 – ELECTRICAL DETAILS

Item No. 12 Revise Detail 2/E1.6 for Cantilever Gate as shown on revised drawing E1.6.

Item No. 13 Revise Detail 3/E1.6 for Fence Gate Schematic Layout as shown on revised drawing E1.6.

Drawing E1.7 – LIGHT FIXTURE SCHEDULE

Item No. 14 Due to the specific light pole modifications listed in the pole light fixture descriptions and details shown on drawing E1.5, contractors may provide Valmont Structures light fixture poles, or provide poles provided by the approved manufacturer listed. The poles will need to include factory installed modifications as shown. Contractors will need to coordinate requirements to accommodate customization of the light poles, and coordinate

Product Pre-Approvals:

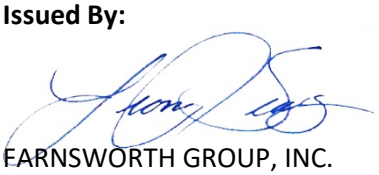
Item No. 15 The following manufacturers shall be substituted as equal to the named Base Bid manufacturer(s) specified. Approval is contingent upon manufacturers fulfilling all specification requirements, tangible and intangible, set forth in the Drawings and Project Manual. Mechanical and Electrical Contractors shall verify that pre-approved vendors meet specifications and installation requirements based upon the project's available space. This approval does not waive any requirements or conditions of the Contract Documents for any material, system or manufacturer.

Section	Fixture/Material	Approved Equal
26 5600	Light Fixture LP1 & LP2	Cooper Lumark Prevail Series
26 5600	Light Fixture LP3	Cooper Lumark Prevail Maxx Series
26 5600	Light Fixture LP3	NLS Lighting NV-3 Series

Bids are Due: July 29, 2026 / 2:00 PM local time *on the IMPACS Electronic Procurement System.*

END OF ADDENDUM 01

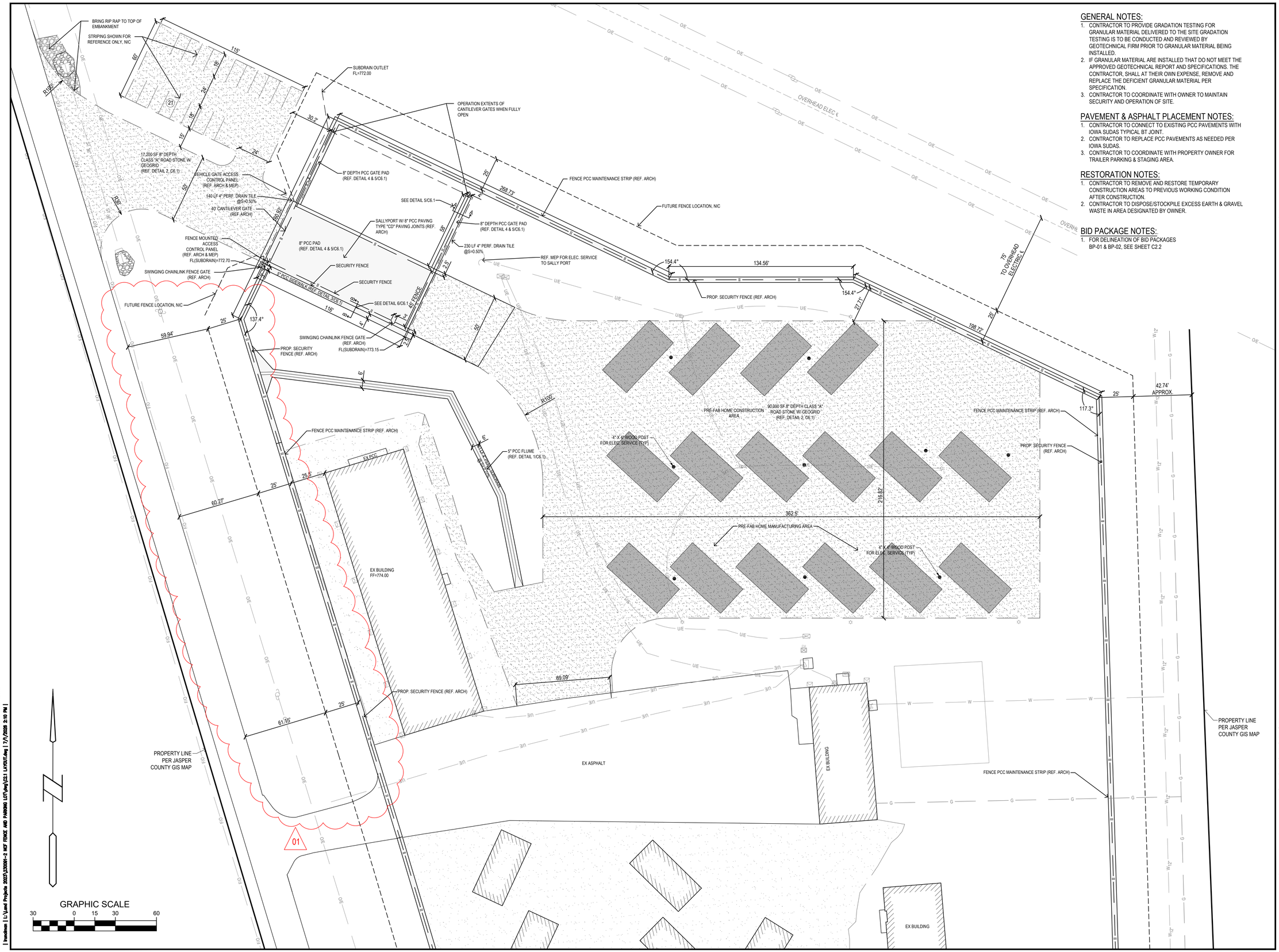
Issued By:



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

Attachments:

Documents: None
Specifications: None
Drawings: Dated 07/23/2026:
C2.1 – SALLYPORT & PARKING LAYOUT
C2.2 – OVERALL FENCE LAYOUT W/ EXISTING CONTOURS
C3.1 – SALLYPORT & PARKING GRADING PLAN
E1.2 - SITE PART PLAN (NORTH) – ELECTRICAL
E1.3 - SITE PART PLAN (SOUTH) – ELECTRICAL
E1.4 - SALLY PORT PART PLAN – ELECTRICAL
E1.6 - ELECTRICAL DETAILS



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.

BID PACKAGE NOTES:

1. FOR DELINEATION OF BID PACKAGES BP-01 & BP-02, SEE SHEET C2.2

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(515) 225-3469 / info@f-w.com
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Engineers | Architects | Surveyors | Scientists

ISSUE:

#	DATE:	DESCRIPTION:
1	7/23/26	ADDENDUM #1

100% CONSTRUCTION SET
07/02/2026

PROJECT:

State of Iowa

Newton Correctional Facility Iowa Prison Industries Phase II Perimeter Fence

Newton, Iowa

DATE:	07/02/2026
DESIGNED:	BISHOP
DRAWN:	LCR
REVIEWED:	
DAS NO.:	9239.04

SHEET TITLE:

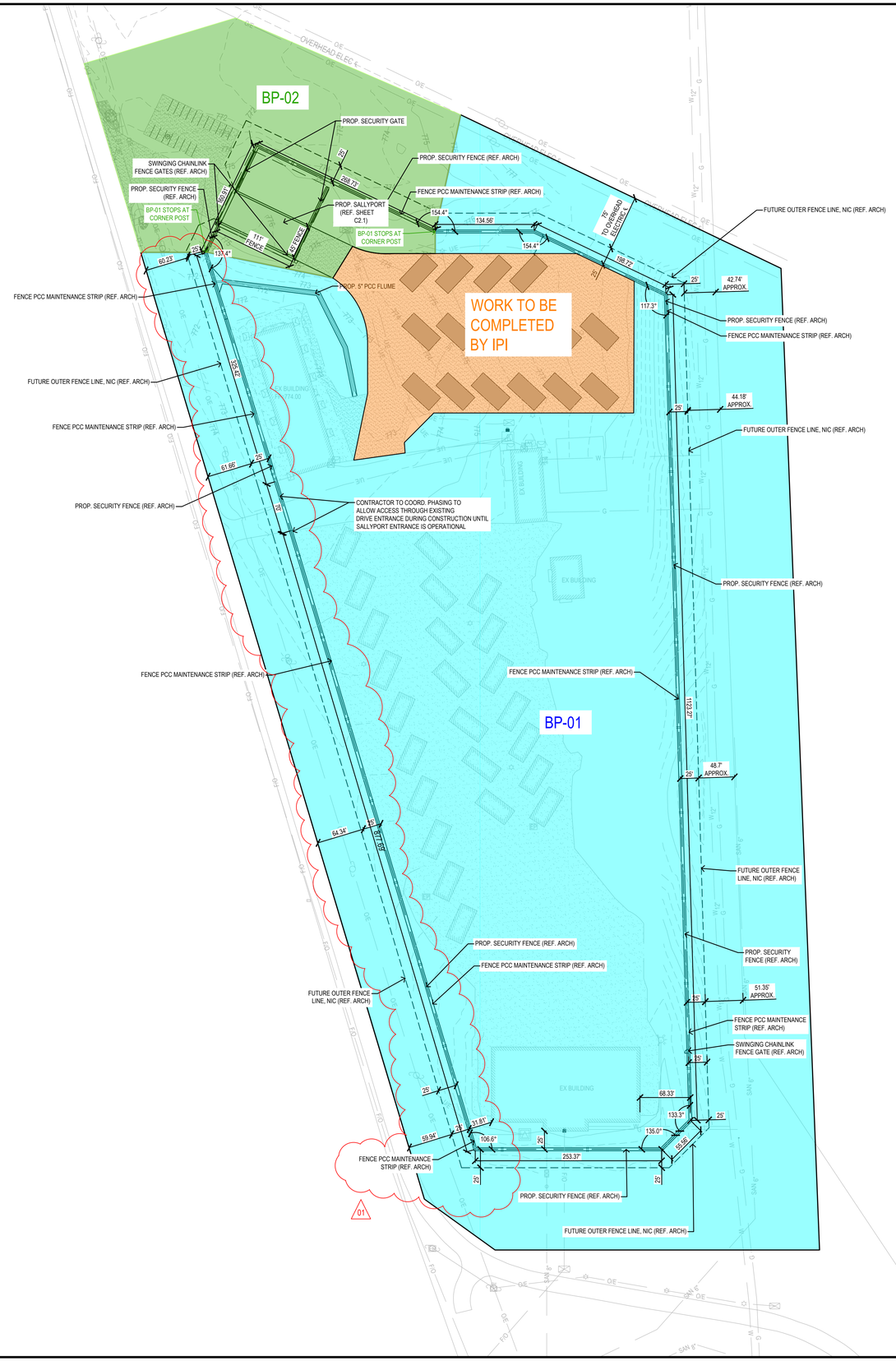
SALLYPORT & PARKING LAYOUT

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.
6. CONTRACTOR TO VERIFY THAT FENCE IS 25 FEET MINIMUM AWAY FROM ANY BUILDING OR STRUCTURE.

01

KEY:

- BID PACKAGE 1
- BID PACKAGE 2
- WORK TO BE COMPLETED BY IPI

GRAPHIC SCALE
80 0 40 80 160

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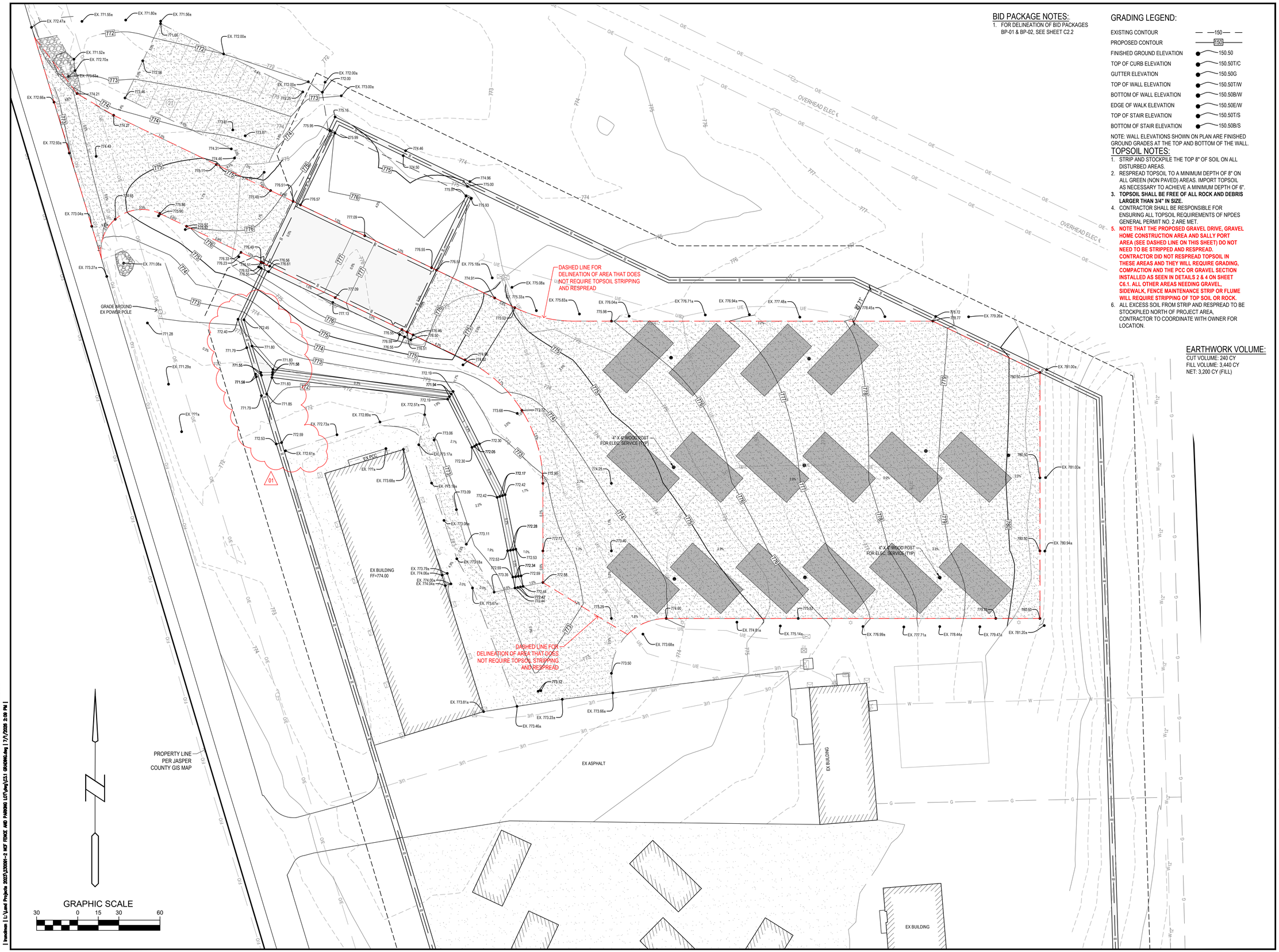
DATE:	07/02/2026
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DRAWN:	LCR
REVIEWED:	
DAS NO.:	9239.04

SHEET TITLE:
OVERALL FENCE LAYOUT W/ EXISTING CONTOURS

SHEET NUMBER:
C2.2

PROJECT NO.: 02401959.001

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BID PACKAGE NOTES:

1. FOR DELINEATION OF BID PACKAGES BP-01 & BP-02, SEE SHEET C2.2

GRADING LEGEND:

EXISTING CONTOUR	150
PROPOSED CONTOUR	150
FINISHED GROUND ELEVATION	150.50
TOP OF CURB ELEVATION	150.50T/C
GUTTER ELEVATION	150.50G
TOP OF WALL ELEVATION	150.50T/W
BOTTOM OF WALL ELEVATION	150.50B/W
EDGE OF WALK ELEVATION	150.50E/W
TOP OF STAIR ELEVATION	150.50T/S
BOTTOM OF STAIR ELEVATION	150.50B/S

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

TOPSOIL NOTES:

1. STRIP AND STOCKPILE THE TOP 8" OF SOIL ON ALL DISTURBED AREAS.
2. 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".
3. **TOPSOIL SHALL BE FREE OF ALL ROCK AND DEBRIS LARGER THAN 3/4" IN SIZE.**
4. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING ALL TOPSOIL REQUIREMENTS OF NPDES GENERAL PERMIT NO. 2 ARE MET.
5. **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 C6.1. ALL OTHER AREAS NEEDING GRAVEL, SIDEWALK, FENCE MAINTENANCE STRIP OR FLUME WILL REQUIRE STRIPPING OF TOP SOIL OR ROCK.**
6. 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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State of Iowa

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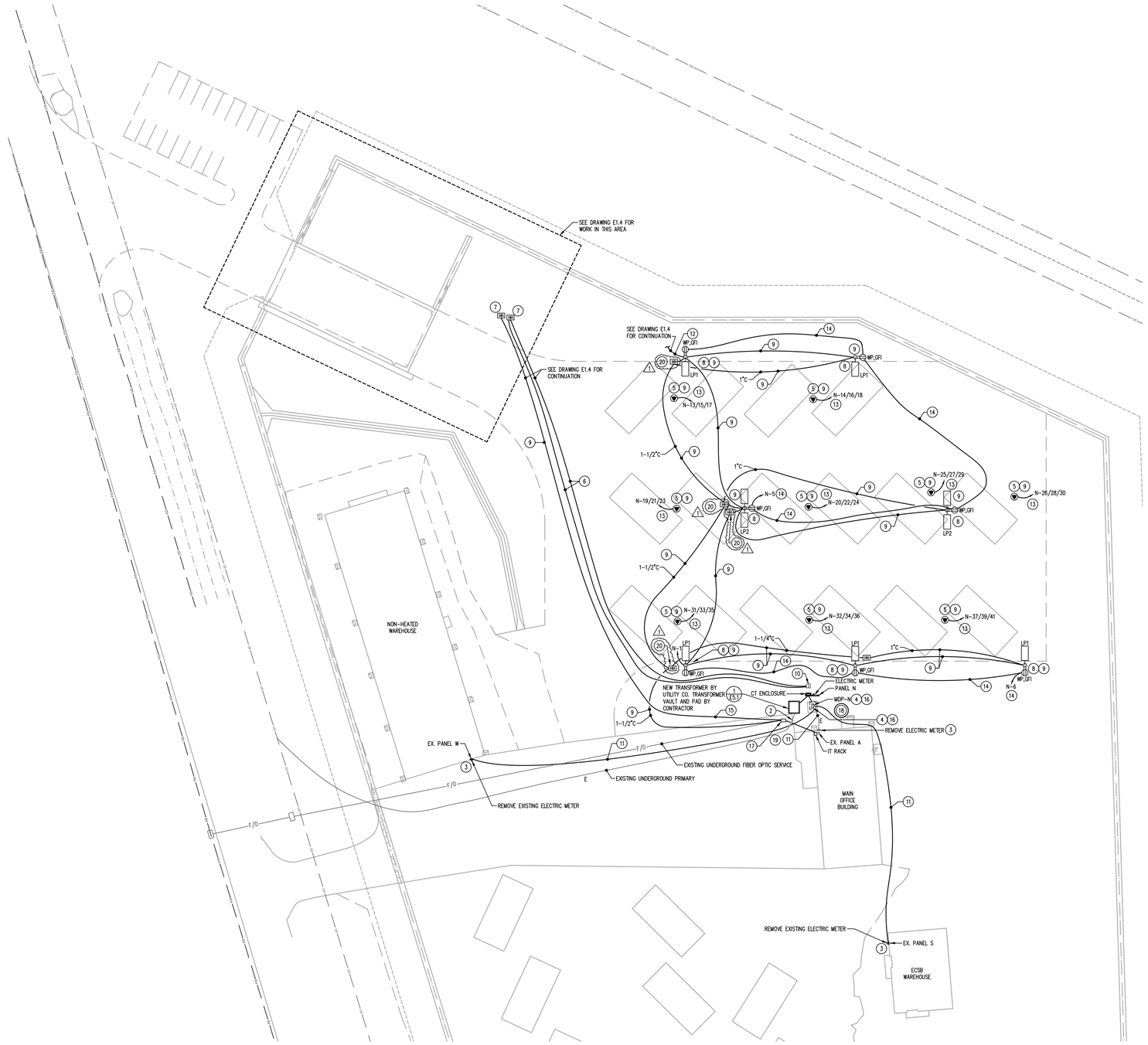
DATE:	07/02/2026
DESIGNED:	BISHOP
DRAWN:	LCR
REVIEWED:	
DAS NO.:	9239.04

SHEET TITLE:
SALLYPORT & PARKING GRADING PLAN

SHEET NUMBER:
C3.1

PROJECT NO.: 02401959.001

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SITE PART PLAN (NORTH) - ELECTRICAL

SCALE: 1" = 40'-0"

NORTH

GENERAL NOTES:

1. UNDERGROUND FACILITIES HAVE BEEN SHOWN BASED UPON INFORMATION OBTAINED FROM FIELD LOCATIONS BY UTILITY COMPANIES, AVAILABLE SURVEYS, AND RECORDS. LOCATIONS ARE APPROXIMATE ONLY. OTHER UNDERGROUND FACILITIES THAT ARE NOT SHOWN MAY EXIST. CONTRACTOR IS RESPONSIBLE TO VERIFY THE EXACT LOCATION AND TYPE OF UNDERGROUND FACILITIES ON THE SITE. CONTACT IOWA ONE CALL A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION TO LOCATE UNDERGROUND UTILITIES. IF A PROBLEM OR INTERFERENCE EXISTS, NOTIFY ARCHITECT/ENGINEER BEFORE PROCEEDING.

2. COORDINATE LOCATION/INSTALLATION ON MECHANICAL AND ELECTRICAL WORK WITH ALL OTHER TRADES. NO ASPECT OF A SYSTEM INSTALLATION OR IT'S ROUGH-IN SHALL COMMENCE UNTIL PROPER AND TIMELY COORDINATION WITH ALL TRADES ASSOCIATED WITH THE INSTALLATION HAS TRANSPIRED. ITEMS TO BE COORDINATE SHALL INCLUDE, BUT NOT BE LIMITED TO: BUILDING STRUCTURE, SHEET METAL, ALL PIPING SYSTEMS, LIGHT FIXTURES, CONDUITS, CABLE TRAYS, WORK ABOVE LAY-IN CEILINGS, ETC. REFER TO ALL GENERAL, MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.

3. THE ELECTRICAL CONTRACTOR SHALL COORDINATE ELECTRICAL SERVICE REQUIREMENTS WITH THE LOCAL UTILITY COMPANY AND INCLUDE ALL LABOR AND MATERIALS FOR A COMPLETE OPERATING SYSTEM. COORDINATION SHALL INCLUDE, BUT NOT BE LIMITED TO, REQUIREMENTS FOR TRANSFORMER CONNECTIONS, CONCRETE TRANSFORMER PADS, METER SOCKETS, PRIMARY CABLE RACEWAY, SECONDARY SERVICE AND METERING TRANSFORMERS.

4. ALL EXPOSED CONDUIT ABOVE GRADE SHALL BE RGS.

5. THE ELECTRICAL CONTRACTOR SHALL VERIFY THE AVAILABLE FAULT CURRENT WITH THE LOCAL UTILITY COMPANY PRIOR TO SUBMITTING BID. ADJUST A.I.C. RATINGS OF ALL OVERCURRENT PROTECTION DEVICES AS REQUIRED IN DISTRIBUTION EQUIPMENT TO COORDINATE WITH AVAILABLE FAULT CURRENT.

KEYED NOTES:

1. EXISTING (4) 2" SCHEDULE 40 PVC CONDUITS WITH PULL STRING FOR FIBER/TELECOMM/SECURITY/CCTV WIRING INSTALLATION.
2. RE-ROUTE EXITING PRIMARY TO NEW TRANSFORMER LOCATION. COORDINATE WITH UTILITY COMPANY.
3. REMOVE EXISTING UTILITY METERS AND DELIVER TO UTILITY COMPANY. RECONNECT SERVICE TO BUILDING IN METER ENCLOSURE. PROVIDE NEW JUNCTION BOX COVER FOR METER ENCLOSURE WITH TAMPER RESISTANT SECURITY GRADE FASTENERS.
4. INSTALL SECONDARY DISTRIBUTION SECTION OF MDP ON EXISTING TRANSFORMER PAD OVER TOP OF EXISTING SECONDARY CONDUCTORS FOR PANELS A, W, AND S.
5. ROUGH-IN FOR FUTURE CONSTRUCTION POWER PEDESTAL COMPLETED UNDER PREVIOUS PROJECT WITH 6"x6"x8" PRESSURE TREATED POST. MODIFY CONDUIT ROUGH-IN AND INSTALL NEW POWER PEDESTAL, SEE DETAIL 1/E1.6. (ALTERNATE BID #3)
6. EXISTING (2) 1" AND (2) 1-1/2" SCHEDULE 40 PVC CONDUITS FOR SALLYPORT AREA POWER WIRING. ROUTED TO JUNCTION BOX NEAR PANEL N. CONTRACTOR TO EXTEND ALL CONDUITS/CIRCUITS FROM THIS JUNCTION BOX TO PANEL N.
7. EXISTING CONDUIT ROUGH-IN AND HANDHOLES FOR SALLYPORT POWER AND TELECOMM/SECURITY COMPLETED UNDER PREVIOUS PROJECT . SEE DRAWING E1.4 FOR ADDITIONAL INFORMATION.
8. LP1 AND LP2 LIGHT FIXTURES TO BE INSTALLED ON EXISTING CONCRETE BASES COMPLETED UNDER PREVIOUS PROJECT. (ALTERNATE BID #2)
9. EMPTY CONDUIT ROUGH-IN HAND HOLES, AND LIGHT POLE BASES COMPLETED UNDER PREVIOUS PROJECT.
10. EXISTING POWER JUNCTION BOX (VERIFY LOCATION). CONTRACTOR TO EXTEND ALL POWER AND LIGHTING CIRCUITS FROM THIS BOX TO PANEL N LOCATION.
11. EXISTING FEEDERS FROM OLD TRANSFORMER TO EXISTING BUILDING. CONTRACTORS TO MODIFY BUILDING SERVICE AS SHOWN ON RISER DIAGRAMS ON DRAWING E1.5 AND AS NOTED IN NOTE #3 ABOVE.
12. EXISTING 1" CONDUIT STUBBED-OUT APPROXIMATELY FROM 4' LIGHT POLE, CAPPED AND STAKED FOR FUTURE EXTENSION COMPLETED UNDER PREVIOUS PROJECT.
13. EXISTING 1-1/2" CONDUIT WITH PULL STRING TO JUNCTION BOX NEAR PANEL N LOCATION COMPLETED UNDER PREVIOUS PROJECT. ADD POWER PEDESTAL AND CIRCUIT AS NOTED. (ALTERNATE BID 3)
14. RECEPTACLE POWER WIRING MAY BE ROUTED THROUGH EXISTING LIGHTING CIRCUIT CONDUIT. ADJUST WIRE SIZES AS REQUIRED.
15. EXISTING CONDUITS WERE NOT EXTENDED TO EXISTING HANDHOLE SEE (NOTE #17). CONTRACTORS TO COMPLETE CONDUIT INSTALLATION FOR ALL CONDITS TO HANDHOLE.
16. EXISTING TRANSFORMER TO BE REMOVED BY UTILITY COMPANY, PAD TO REMAIN FOR NEW MDP-N.
17. EXISTING TELECOMMUNICATIONS HAND HOLE BOX. CONTRACTORS WILL NEED TO EXCAVATE AROUND JUNCTION BOX AND FINISH EXTENDING CONDUITS INTO AND FROM THIS BOX AS NOTED.
18. GROUND RING, SEE DETAIL 6/E5.1.
19. INSTALL (3) 4" SCHEDULE 40 PVC CONDUITS FOR FIBER/TELECOM/SECURITY/CCTV WIRING INSTALLATION. LEAVE PULL STRING IN EACH CONDUIT AFTER INSTALLING ALL CABLES. EXTEND INTO BUILDING TO LOCATION AS DIRECTED BY OWNER.
20. EXISTING HANDHOLE.

Twin Rivers Engineering Consultants
1000 Illinois Street
Des Moines, Iowa 50314
Phone: 515-288-3679 Fax: 515-288-4012
Twin Rivers Project #: 24038.02

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100% CONSTRUCTION SET
07/02/2026

PROJECT:
State of Iowa

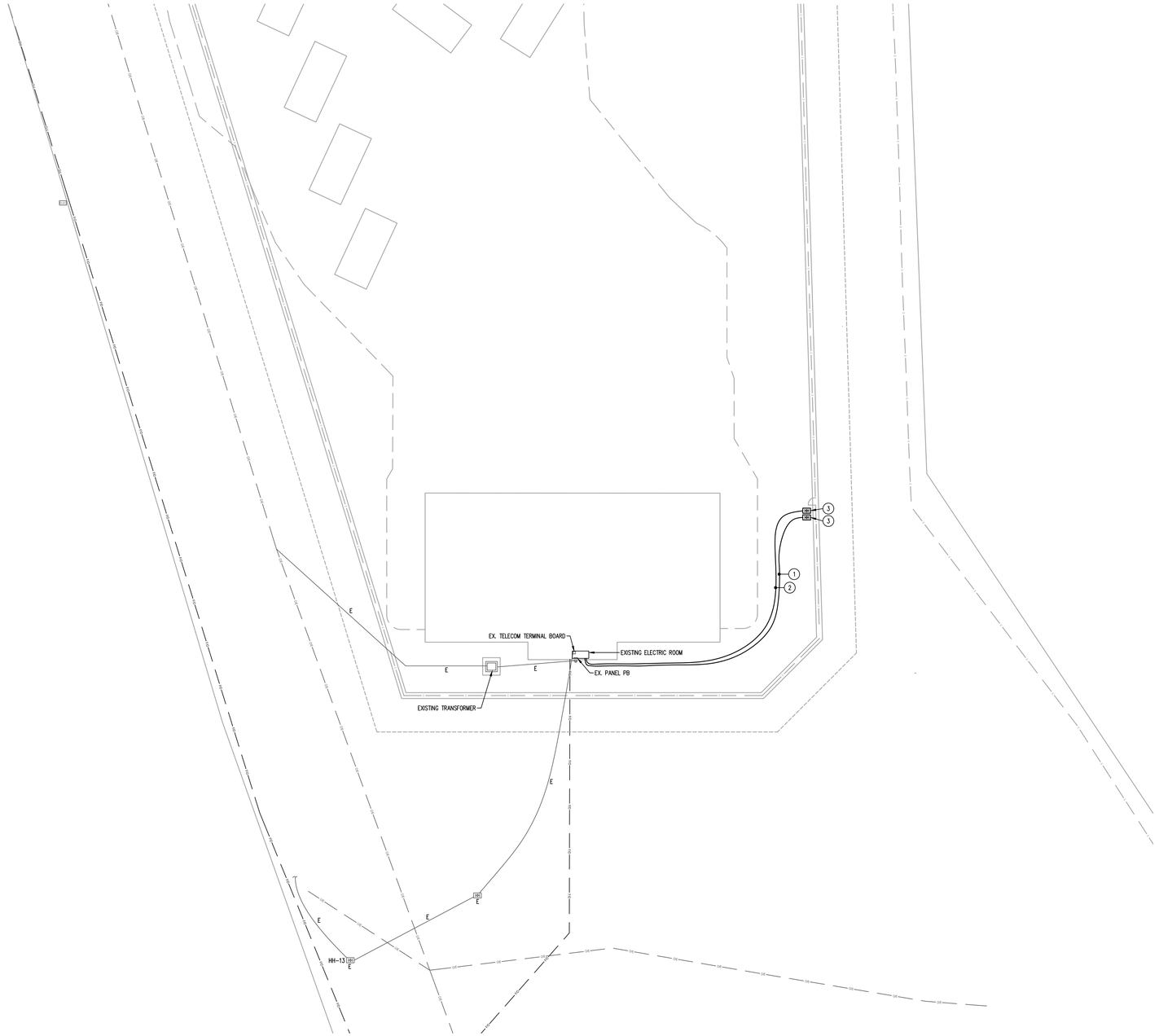
Newton Correctional Facility Iowa Prison Industries Perimeter Fence

DATE:	07/02/2026
DAS#:	9239.04
DESIGNED:	CP
DRAWN:	MVN/CG
REVIEWED:	CP
FIELD BOOK NO.:	N/A

SHEET TITLE:
SITE PART PLAN-ELECTRICAL

SHEET NUMBER:
E1.2

PROJECT NO.: 9239.04



NORTH

SITE PART PLAN (SOUTH) - ELECTRICAL

SCALE: 1" = 40'-0"

GENERAL NOTES:

1. UNDERGROUND FACILITIES HAVE BEEN SHOWN BASED UPON INFORMATION OBTAINED FROM FIELD LOCATIONS BY UTILITY COMPANIES, AVAILABLE SURVEYS, AND RECORDS. LOCATIONS ARE APPROXIMATE ONLY. OTHER UNDERGROUND FACILITIES THAT ARE NOT SHOWN MAY EXIST. CONTRACTOR IS RESPONSIBLE TO VERIFY THE EXACT LOCATION AND TYPE OF UNDERGROUND FACILITIES ON THE SITE. CONTACT IOWA ONE CALL A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION TO LOCATE UNDERGROUND UTILITIES. IF A PROBLEM OR INTERFERENCE EXISTS, NOTIFY ARCHITECT/ENGINEER BEFORE PROCEEDING.

2. COORDINATE LOCATION/INSTALLATION ON MECHANICAL AND ELECTRICAL WORK WITH ALL OTHER TRADES. NO ASPECT OF A SYSTEM INSTALLATION OR IT'S ROUGH-IN SHALL COMMENCE UNTIL PROPER AND TIMELY COORDINATION WITH ALL TRADES ASSOCIATED WITH THE INSTALLATION HAS TRANSPIRED. ITEMS TO BE COORDINATE SHALL INCLUDE, BUT NOT BE LIMITED TO: BUILDING STRUCTURE, SHEET METAL, ALL PIPING SYSTEMS, LIGHT FIXTURES, CONDUITS, CABLE TRAYS, WORK ABOVE LAY-IN CEILINGS, ETC. REFER TO ALL GENERAL, MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.

3. THE ELECTRICAL CONTRACTOR SHALL COORDINATE ELECTRICAL SERVICE REQUIREMENTS WITH THE LOCAL UTILITY COMPANY AND INCLUDE ALL LABOR AND MATERIALS FOR A COMPLETE OPERATING SYSTEM. COORDINATION SHALL INCLUDE, BUT NOT BE LIMITED TO, REQUIREMENTS FOR TRANSFORMER CONNECTIONS, CONCRETE TRANSFORMER PADS, METER SOCKETS, PRIMARY CABLE RACEWAY, SECONDARY SERVICE AND METERING TRANSFORMERS.

4. ALL EXPOSED CONDUIT ABOVE GRADE SHALL BE RGS.

5. THE ELECTRICAL CONTRACTOR SHALL VERIFY THE AVAILABLE FAULT CURRENT WITH THE LOCAL UTILITY COMPANY PRIOR TO SUBMITTING BID. ADJUST A.I.C. RATINGS OF ALL OVERCURRENT PROTECTION DEVICES AS REQUIRED IN DISTRIBUTION EQUIPMENT TO COORDINATE WITH AVAILABLE FAULT CURRENT.

KEYED NOTES:

1. EXTEND 2" CONDUIT WITH PULL STRING FROM EXISTING ELECTRIC ROOM TO NEW TELECOM/SECURITY/CCTV HAND HOLE. COORDINATE LOCATION WITH OWNER PRIOR TO INSTALLATION. (ALTERNATE BID #5)
2. EXTEND (2) 1" CONDUITS WITH PULL STRING FROM EXISTING PANEL PB IN EXISTING ELECTRIC ROOM TO NEW POWER HAND HOLE. COORDINATE LOCATION WITH OWNER PRIOR TO INSTALLATION. (ALTERNATE BID #5)
3. POWER (24"x 24") AND TELECOM/SECURITY/CCTV (24"x 30") HAND HOLE JUNCTION BOXES FOR FUTURE GATE CONTROL. (ALTERNATE BID #5)

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State of Iowa

Newton Correctional Facility Iowa Prison Industries Perimeter Fence

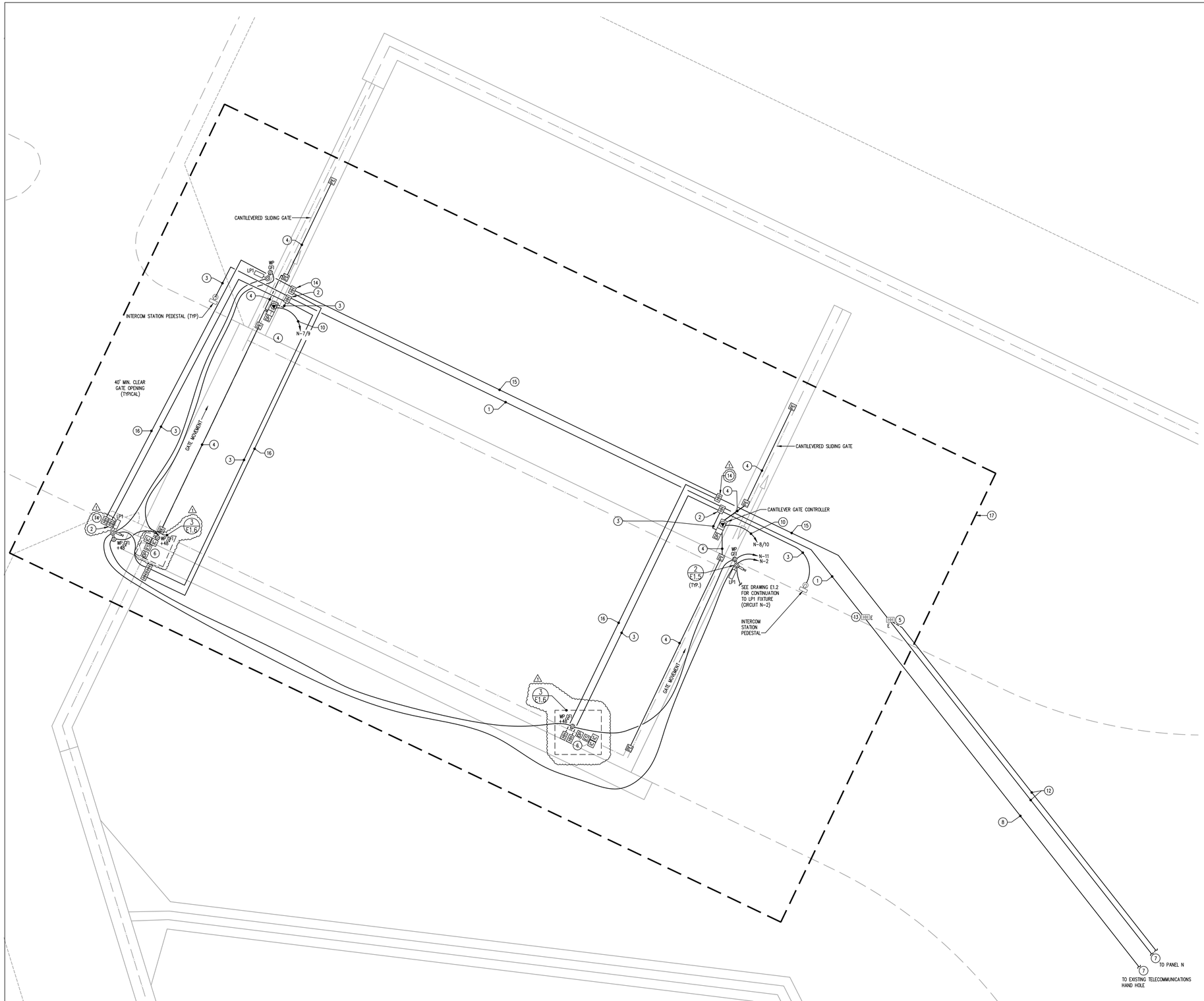
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DESIGNED:	CP
DRAWN:	MVN/CG
REVIEWED:	CP
FIELD BOOK NO.:	N/A

SHEET TITLE:
SITE PART PLAN-ELECTRICAL

SHEET NUMBER:
E1.3

PROJECT NO.: 9239.04

Twin Rivers Engineering Consultants
1000 Illinois Street
Des Moines, Iowa 50314
Phone: 515-288-3679 Fax: 515-288-4012
Twin Rivers Project #: 24038.02



SALLY PORT PART PLAN - ELECTRICAL

NORTH

SCALE: 1" = 10'-0"

GENERAL NOTES:

1. UNDERGROUND FACILITIES HAVE BEEN SHOWN BASED UPON INFORMATION OBTAINED FROM FIELD LOCATIONS BY UTILITY COMPANIES, AVAILABLE SURVEYS, AND RECORDS. LOCATIONS ARE APPROXIMATE ONLY. OTHER UNDERGROUND FACILITIES THAT ARE NOT SHOWN MAY EXIST. CONTRACTOR IS RESPONSIBLE TO VERIFY THE EXACT LOCATION AND TYPE OF UNDERGROUND FACILITIES ON THE SITE. CONTACT IOWA ONE CALL A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION TO LOCATE UNDERGROUND UTILITIES. IF A PROBLEM OR INTERFERENCE EXISTS, NOTIFY ARCHITECT/ENGINEER BEFORE PROCEEDING.
2. COORDINATE LOCATION/INSTALLATION ON MECHANICAL AND ELECTRICAL WORK WITH ALL OTHER TRADES. NO ASPECT OF A SYSTEM INSTALLATION OR IT'S ROUGH-IN SHALL COMMENCE UNTIL PROPER AND TIMELY COORDINATION WITH ALL TRADES ASSOCIATED WITH THE INSTALLATION HAS TRANSPIRED. ITEMS TO BE COORDINATE SHALL INCLUDE, BUT NOT BE LIMITED TO: BUILDING STRUCTURE, SHEET METAL, ALL PIPING SYSTEMS, LIGHT FIXTURES, CONDUITS, CABLE TRAYS, WORK ABOVE LAY-IN CEILINGS, ETC. REFER TO ALL GENERAL, MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
3. THE ELECTRICAL CONTRACTOR SHALL COORDINATE ELECTRICAL SERVICE REQUIREMENTS WITH THE LOCAL UTILITY COMPANY AND INCLUDE ALL LABOR AND MATERIALS FOR A COMPLETE OPERATING SYSTEM. COORDINATION SHALL INCLUDE, BUT NOT BE LIMITED TO, REQUIREMENTS FOR TRANSFORMER CONNECTIONS, CONCRETE TRANSFORMER PADS, METER SOCKETS, PRIMARY CABLE RACEWAY, SECONDARY SERVICE AND METERING TRANSFORMERS.
4. ALL EXPOSED CONDUIT ABOVE GRADE SHALL BE RGS.
5. THE ELECTRICAL CONTRACTOR SHALL VERIFY THE AVAILABLE FAULT CURRENT WITH THE LOCAL UTILITY COMPANY PRIOR TO SUBMITTING BID. ADJUST A.I.C. RATINGS OF ALL OVERCURRENT PROTECTION DEVICES AS REQUIRED IN DISTRIBUTION EQUIPMENT TO COORDINATE WITH AVAILABLE FAULT CURRENT.

KEYED NOTES:

1. (2) 2" SCHEDULE 40 PVC FOR FIBER/TELECOM/SECURITY/CCTV WIRING.
2. 24"x30" HANDHOLE.
3. (2) 1" SCHEDULE 40 PVC CONDUITS FOR TELECOMMUNICATIONS/CONTROL/SECURITY/CCTV WIRING.
4. 1" SCHEDULE 40 PVC CONDUIT FOR GATE SAFETY PHOTO ELECTRIC SAFETY CONTROL WIRING. COORDINATE LOCATIONS AND WIRING REQUIREMENTS WITH GATE SUPPLIER.
5. EXISTING 24"x24" HAND HOLE FOR POWER WIRING.
6. STUB-UP CONDUITS FOR GATE LOCK CONTROLS/SECURITY/CCTV AND POWER. SEE FENCE GATE SCHEMATIC LAYOUT 6/E1.5.
7. SEE DRAWING E1.2 FOR CONTINUATION AND ADDITIONAL INFORMATION.
8. (4) EXISTING 2" CONDUITS TO SOUTH GATE WITH HAND HOLES AT MAXIMUM 300' INTERVALS. (24"x30" HAND HOLES).
9. EXTEND CONDUITS TO EXISTING DATA EQUIPMENT IN EXISTING BUILDING.
10. ROUTE CIRCUIT TO PANEL N VIA HAND HOLES, SEE NOTES 2 & 5.
11. NOT USED.
12. (2) EXISTING 1" AND (2) EXISTING 1-1/2" SCHEDULE 40 PVC CONDUITS WITH PULL STRING FOR SALLYPORT POWER WIRING. ROUTE FROM HANDHOLE TO PANEL N UNDER THIS CONTRACT.
13. EXISTING 24"x30" HAND HOLE FOR TELECOMMUNICATIONS/SECURITY/CCTV/ CONTROL WIRING.
14. 24" X 24" HANDHOLE FOR POWER WIRING.
15. (2) 1-1/2" SCHEDULE 40 PVC CONDUITS FOR POWER WIRING.
16. (2) 1" SCHEDULE 40 PVC CONDUITS FOR POWER WIRING.
17. ALL WIRING, EQUIPMENT, ETC TO BE REMOVED UNDER ALTERNATE BID #6. ALL LIGHT POLE BASES, CONDUITS, HAND HOLES, AND JUNCTION BOXES BELOW GRADE SHALL REMAIN AS BASE BID.

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1	7/23/26	ADDENDUM #1

100% CONSTRUCTION SET
07/02/2026

PROJECT:
State of Iowa

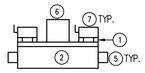
Newton Correctional Facility Iowa Prison Industries Perimeter Fence

DATE:	07/02/2026
DAS#:	9239.04
DESIGNED:	CP
DRAWN:	MVN/CG
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FIELD BOOK NO.:	N/A

SHEET TITLE:
SALLY PORT PART PLAN - ELECTRICAL

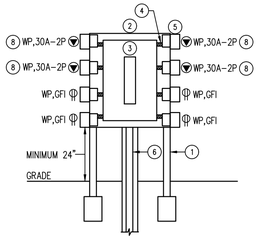
SHEET NUMBER:
E1.4

PROJECT NO.: 9239.04



TOP VIEW

NOT TO SCALE



FRONT VIEW

NOT TO SCALE

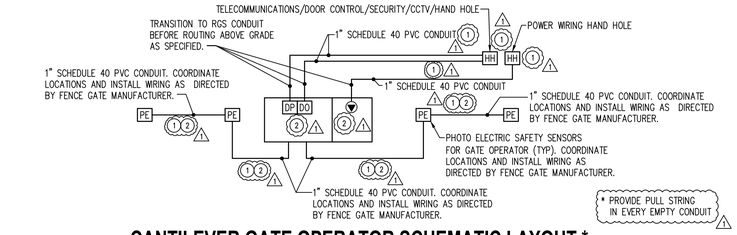
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KEYED NOTES (DETAIL 1):

1. PROVIDE UNISTRUT RACK SUITABLE FOR INSTALLING ENCLOSURE. PROVIDE 36" DEEP CONCRETE BASES TO SUPPORT RACK.
2. PROVIDE MINIMUM 36" X 36" X 8" NEMA 4 JUNCTION BOX WITH HINGED, LOCKABLE COVER. ADJUST ENCLOSURE SIZE AS REQUIRED.
3. PROVIDE 125A, 24 SPACE LOAD CENTER WITH CIRCUIT BREAKERS AS REQUIRED. SEE POWER PEDESTAL LOAD CENTER SCHEDULE.
4. PROVIDE FLEXIBLE CONDUIT, SEALTIGHT CONDUIT, OR SHEATHED MC CABLE CONNECTION BETWEEN LOAD CENTER AND RECEPTACLE BOX WITHIN JUNCTION BOX AND TO DISCONNECT SWITCHES. ANCHOR CONDUIT CONNECTION TO ENCLOSURE PER NEC.
5. MOUNT DEVICE BOXES ON INSIDE OF ENCLSOURE WITH DESIGNATED RECEPTACLE AND MOUNT IN-USE STYLE WEATHER PROOF COVER ON OUTSIDE OF ENCLOSURE. RECEPTACLES ARE TO BE INSTALLED IN BOX THAT IS FLUSH WITH ENCLOSURE SO ONLY WEATHER PROOF COVER IS ON EXTERIOR. CONTRACTOR TO SEAL PENETRATIONS WATER TIGHT.
6. EXISTING 6X6 POST WITH EXISTING 2" CONDUIT INSTALLED UNDER PREVIOUS PROJECT.
7. 30A-2P, NEMA 3R DISCONNECT SWITCH. INSTALL CONDUIT AND WIRE CONNECTION FROM LOAD CENTER.
8. NEMA 6-30 RECEPTACLE (VERIFY WITH OWNER).

1 E1.6 POWER PEDESTAL DETAIL (ALTERNATE BID 3)

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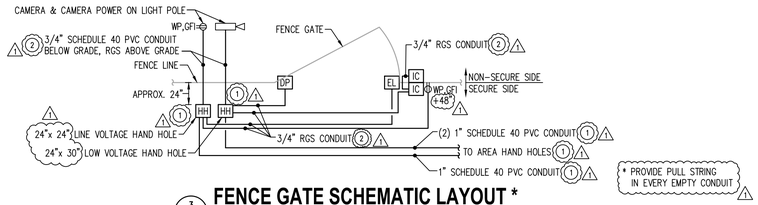
2 E1.6 CANTILEVER GATE OPERATOR SCHEMATIC LAYOUT *

NOT TO SCALE

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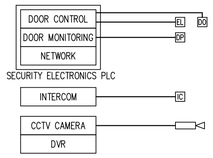
KEYED NOTES (DETAILS 2 AND 3):

1. UNDERGROUND CONDUIT AND HAND HOLE ROUGH-IN TO BE BASE BID.
2. CONDUIT FROM HAND HOLES, ABOVE GROUND CONDUIT AND WIRING TO BE ALTERNATE BID #6.



3 E1.6 FENCE GATE SCHEMATIC LAYOUT *

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4 E1.6 TELECOMMUINICATIONS/SECURITY ELECTRONICS/ CCTV SCHEMATIC RISER DIAGRAM (BY OWNER)

NOT TO SCALE

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