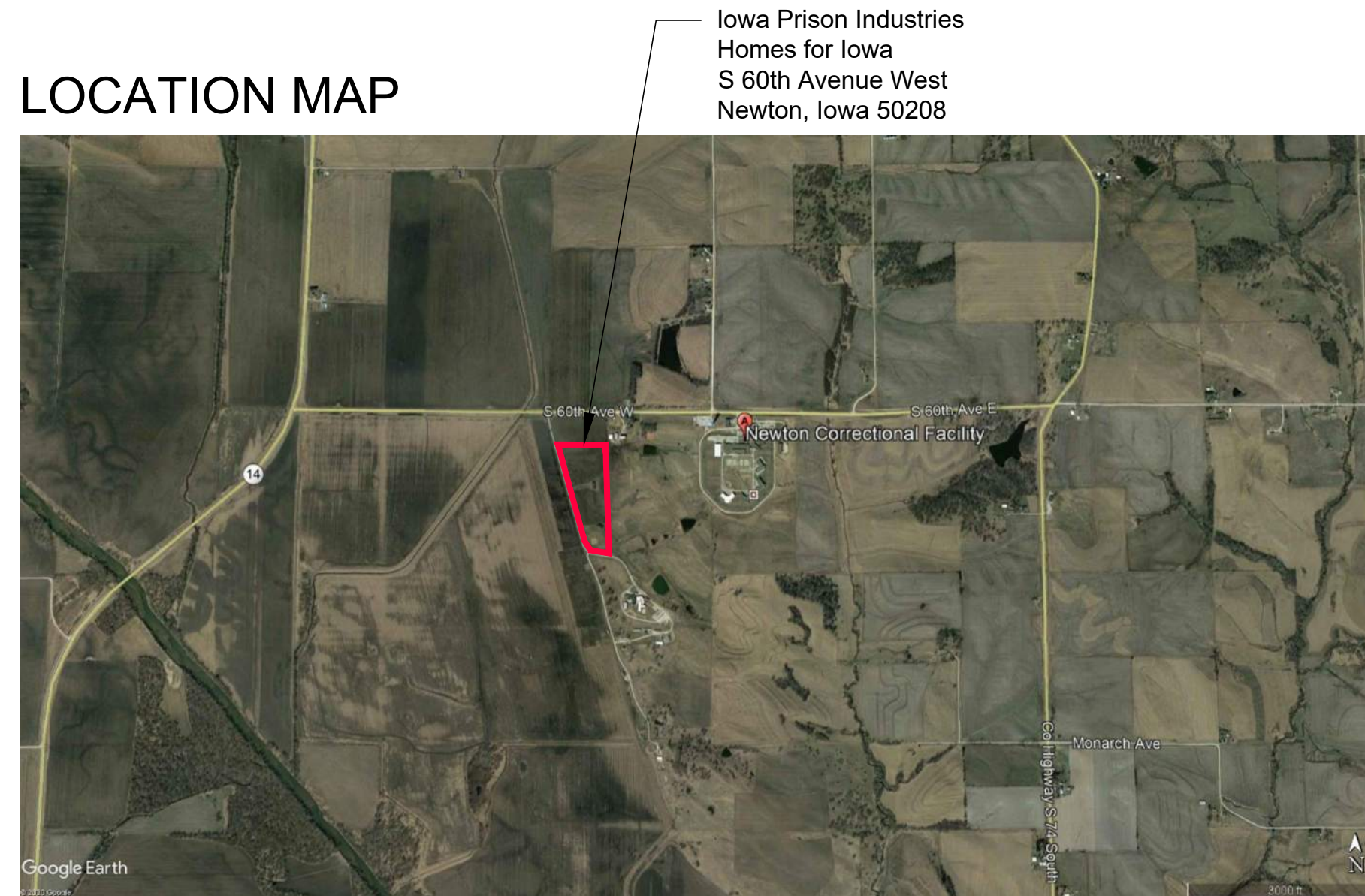


Newton Correctional Facility Iowa Prison Industries Phase II Perimeter Fence

Newton, Iowa

100% BID DOCUMENTS
Newton Correctional Facility IPI Phase II Perimeter Fence
Iowa Department of Corrections

LOCATION MAP



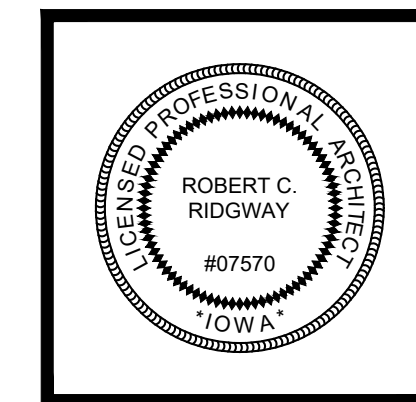
ARCHITECT

FARNSWORTH GROUP, INC.
14225 UNIVERSITY AVENUE, SUIT 110
WAUKEE, IOWA 50263
P: 515-225-3469

CONSULTANTS

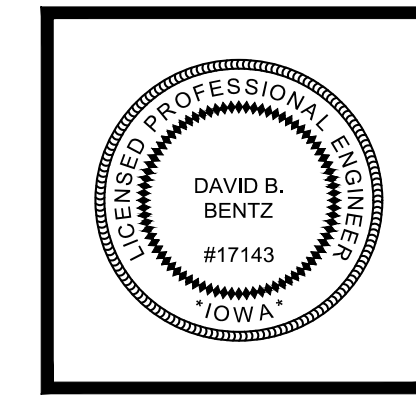
BISHOP ENGINEERING - CIVIL
3501 104TH STREET
DES MOINES, IOWA 50322
P: 515-276-0467

PROFESSIONAL REGISTRATIONS



I HEREBY CERTIFY THAT THE PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF IOWA.

SIGNATURE: _____
NAME: ROBERT C. RIDGWAY
DATE: _____
LICENSE RENEWAL DATE: _____
PAGES OR DIVISIONS COVERED: _____



I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

SIGNATURE: _____
NAME: DAVID B. BENTZ, P.E.
DATE: _____
LICENSE RENEWAL DATE: _____
PAGES OR DIVISIONS COVERED: _____

INDEX OF DRAWINGS

- GENERAL:
- G0.0 PROJECT COVER SHEET
- CIVIL:
- C0.1 CIVIL INFORMATION SHEET
 - C1.1 SURVEY & DEMO PLAN
 - C2.1 SALLYPORT & PARKING LAYOUT
 - C2.2 OVERALL FENCE LAYOUT W/ EXISTING CONTOURS
 - C3.1 SALLYPORT & PARKING GRADING PLAN
 - C6.1 DETAILS
 - C7.1 SEEDING & EROSION CONTROL
- ARCHITECTURAL SITE:
- AC1.0 OVERALL ARCHITECTURAL SITE PLAN
 - AC1.1 ENLARGED ARCHITECTURAL SITE PLAN & DETAILS
 - AC2.1 TYPICAL PERIMETER FENCE SECTION & SWING GATE ELEVATIONS
 - AC2.2 AUTOMATIC CANTILEVER GATE DETAILS
 - AC2.3 MISCELLANEOUS CANTILEVER GATE & FENCE ASSEMBLY DETAILS

OWNER-PROVIDED INFORMATION

- IPI HOMES FOR IOWA PROJECT HOUSE INFORMATION:**
1. 24' W x 50'L (28'W w/EAVES)
 2. EACH COMPLETED HOUSE WEIGHS APPROXIMATELY 53,000 POUNDS.
 - APPROXIMATE WEIGHT OF HOUSE AND TRANSPORT TRAILER IS 90,000 POUNDS.
 3. PROJECT HOUSE BUILD HEIGHT IS 14'-9" TO PEAK OF ROOF
 - PROJECT HOUSE SUPPORTS PILLARSD ADD 30" TO 36" TO OVERALL HEIGHT DURING BUILD.
 - PROJECT HOUSE WHEN LOADED ON 15" HIGH TRAILER EQUALS 16'-7" OVERALL HEIGHT.
- SITE MANEUVERING REQUIREMENTS:**
1. MINIMUM 125 FT CLEAR AND LEVEL IN FRONT OF BUILDING.

DAS RFB923904-01
DAS PROJECT NO.: 9239.04
PROJECT NO.: 02401959.001

DATE: 06/01/2026

NEWTON CORRECTIONAL FACILITY IOWA PRISON INDUSTRIES

PHASE II SALLYPORT & PARKING LOT DESIGN

SHEET INDEX:

C0.1	CIVIL INFORMATION
C1.1	SURVEY & DEMO PLAN
C2.1	SALLYPORT & PARKING LAYOUT
C2.2	OVERALL FENCE LAYOUT W/ EXISTING CONTOURS
C3.1	SALLYPORT & PARKING GRADING PLAN
C6.1	DETAILS
C7.1	SEEDING & EROSION CONTROL

PROPERTY DESCRIPTION:

THE NORTHEAST QUARTER OF SECTION 28, TOWNSHIP 79 NORTH, RANGE 19 WEST OF THE 5TH P.M., JASPER COUNTY, IOWA EXCEPT STREET AND EXCEPT APPROXIMATELY 1.0 ACRES IN THE NORTHEAST CORNER DEEDED TO THE CENTRAL IOWA WATER ASSOCIATION IN PATENT RECORDED AS INSTRUMENT # 04-01346.

ADDRESS:

803 S 60TH AVE W
NEWTON, IA 50208

OWNER/PREPARED FOR:

STATE OF IOWA
1007 EAST GRAND AVE
DES MOINES, IA 50319

ZONING:

CLASS: A (AGRICULTURAL)
PER JASPER COUNTY ASSESSOR PAGE

BENCHMARK:

POINT: #9000, MAG NAIL
NORTHING = 594215.79
EASTING = 1758735.35
ELEVATION = 776.85
DESCRIPTION: LOCATED ON THE SE CORNER OF THE INTERSECTION BETWEEN SW 60TH AVE AND THE PUBLIC ACCESS ROAD ON WHICH THE PROPERTY LIES

POINT: #9001, MAG NAIL

NORTHING = 592955.48
EASTING = 1759082.21
ELEVATION = 779.68
DESCRIPTION: LOCATED ON THE EAST SIDE OF THE PUBLIC ACCESS ROAD TOWARDS THE SOUTHERN END OF THE PROPERTY

GENERAL NOTES:

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH SUDAS STANDARD SPECIFICATIONS AND ANY AND ALL STATE FIRE MARSHAL SUPPLEMENTAL SPECIFICATIONS. THE STATE FIRE MARSHAL & CORRECTIONS FACILITY MUST BE NOTIFIED BY ALL CONTRACTORS 72 HOURS PRIOR TO COMMENCING WORK.
- IN EVENT OF A DISCREPANCY BETWEEN THE QUANTITY ESTIMATES AND THE DETAILED PLANS, THE DETAILED PLANS SHALL GOVERN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL UTILITIES. ANY DAMAGE TO SAID UTILITIES SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.
- 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.
- ALL NECESSARY CONSTRUCTION SIGNS, BARRICADES AND OTHER TRAFFIC CONTROL DEVICES REQUIRED DURING CONSTRUCTION WILL BE FURNISHED BY THE CONTRACTOR. SIGNS, BARRICADES AND OTHER TRAFFIC CONTROL DEVICES MUST BE IN CONFORMANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS."
- BISHOP ENGINEERING SHALL NOT BE LIABLE FOR ANY INJURIES THAT HAPPEN ON SITE. THIS SHALL INCLUDE BUT NOT BE LIMITED TO TRENCH COLLAPSES FROM VARYING SOIL CONDITIONS OR INJURIES CAUSED BY UNDERGROUND UTILITIES INCLUDING UTILITIES THAT ARE NOT SHOWN ON PLAN.
- 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.
- THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A SCHEDULE FOR PERFORMANCE OF WORK ITEMS. THIS SCHEDULE SHALL BE PROVIDED BY THE CONTRACTOR AT THE PROJECT PRECONSTRUCTION CONFERENCE. NO WORK SHALL BEGIN UNTIL A SCHEDULE HAS BEEN SUBMITTED AND ACCEPTED. THE CONTRACTOR SHALL THEN PERFORM WORK TO CONFORM TO THE ACCEPTED SCHEDULE.
- LABORATORY TESTS SHALL BE PERFORMED BY THE OWNER UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL PROVIDE SAMPLES OF MATERIAL REQUIRED FOR LABORATORY TESTS AND TESTING IN ACCORDANCE WITH THE URBAN STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS.
- SOIL IMPORT OR EXPORT ON THIS PROJECT SHALL BE CONSIDERED INCIDENTAL AND WILL NOT BE MEASURED OR PAID FOR SEPARATELY.
- THE CONTRACTOR SHALL PROTECT ALL STRUCTURES NOT SHOWN AS REMOVALS ON THE PLANS.
- THE CONTRACTOR SHALL OBTAIN ANY AND ALL NECESSARY PERMITS PRIOR TO ANY CONSTRUCTION. CONTRACTOR SHALL WORK WITH OWNER OR OWNERS REPRESENTATIVE ON ALL REQUIRED STORM WATER DISCHARGE PERMITS FROM THE IOWA DEPARTMENT OF NATURAL RESOURCES.
- GRADING AND EROSION CONTROL SHALL BE DONE IN ACCORDANCE WITH THE APPROVED GRADING PLAN, SWPPP, NPDES DOCUMENTS, AND IOWA DEPARTMENT OF NATURAL RESOURCES REQUIREMENTS.
- THE CONTRACTOR SHALL PICK UP ANY DEBRIS SPILLED ONTO THE ADJACENT RIGHT OF WAY OR ABUTTING PROPERTIES AS THE RESULT OF CONSTRUCTION, AT THE END OF EACH WORK DAY.
- THE CONTRACTOR IS RESPONSIBLE FOR THE PROMPT REMOVAL OF ALL MUD THAT HAS BEEN TRACKED OR WASHED UNTO ADJACENT PROPERTY OR RIGHT OF WAY UNTIL SUCH TIME THAT PERMANENT VEGETATION HAS BEEN ESTABLISHED.
- DISPOSE OF ALL EXCESS MATERIALS AND TRASH IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REQUIREMENTS. PROVIDE WASTE AREAS OR DISPOSAL SITES FOR EXCESS MATERIALS NOT DESIRABLE FOR INCORPORATION INTO THE PROJECT.

PAVING NOTES:

- THE PAVING/ GRADING CONTRACTOR SHALL BACKFILL THE PAVING SLAB AND FINE GRADE THE RIGHT OF WAY AS SOON AFTER THE PAVING AS POSSIBLE. ALL AREAS SHALL BE SEEDED IN ACCORDANCE WITH CITY OF NEWTON STANDARD SPECIFICATIONS AND THE CURRENT VERSION OF SUDAS.
- SUBGRADE PREPARATION AND PAVEMENTS WILL BE CONSTRUCTED FOLLOWING RECOMMENDATIONS IN THE SOILS REPORT. APPROVED SOILS ENGINEER MUST SIGN OFF ON SUBBASE PRIOR TO ANY PAVEMENT BEING PLACED.
- SEE DETAILS FOR ALL PAVEMENT THICKNESS.
- ALL PEDESTRIAN WALKWAYS THAT UNLOAD INTO A VEHICLES TRAVELED PATH MUST HAVE A.D.A. DETECTABLE WARNING PANEL(S) AS PER A.D.A. REGULATIONS. PANEL TYPE & COLOR SHALL BE PER CITY STANDARD.
- ALL WALKS, PARKING LOTS, HANDICAP PARKING, RAMPS, ETC. SHALL COMPLY WITH ALL A.D.A. AND CITY CODES. HANDICAP PARKING SIGNAGE IS REQUIRED FOR ALL HANDICAP STALLS AND SHALL BE CONSIDERED INCIDENTAL. IN EVENT OF A DISCREPANCY BETWEEN THE PLANS AND THE A.D.A./CITY CODES THE A.D.A./CITY CODES SHALL GOVERN. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING A.D.A. CODES ARE MET.

UTILITY NOTES:

- QUANTITY CALLOUTS ON PIPE LENGTHS ARE APPROXIMATE AND SHOULD BE USED FOR REFERENCE ONLY.
- THE CONTRACTOR SHALL PROVIDE AS-BUILTS OF ALL UTILITIES, INCLUDING DEPTH AND LOCATION OF ALL SERVICES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION AND ALL COSTS ASSOCIATED WITH AS-BUILT TOPO OF DETENTION POND & DETENTION POND STORM SEWER. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING BISHOP ENGINEERING (AT 515-276-0467) TO PERFORM SAID AS-BUILT SURVEY. IF DETENTION PONDS HAVE BEEN GRADED INCORRECTLY, CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SUBSEQUENT AS-BUILT TOPO SURVEYS UNTIL ISSUES HAVE BEEN RECTIFIED.
- THE CONTRACTOR SHALL COORDINATE THE ADJUSTMENT OF ANY AND ALL EXISTING AND PROPOSED UTILITIES TO PROPOSED GRADES. EXISTING UTILITIES SHALL BE RAISED OR LOWERED IN ACCORDANCE WITH THE UTILITY OWNER REQUIREMENTS. ANY NECESSARY ADJUSTMENTS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
- ACTIVE EXISTING FIELD TILES ENCOUNTERED DURING CONSTRUCTION SHALL BE REPAIRED, REROUTED, OR CONNECTED TO PUBLIC OR PRIVATE STORM SEWER TO REMAIN IN SERVICE.
- ALL PROPOSED RCP STORM SEWER PIPE JOINTS SHALL BE FABRIC WRAPPED AND THE LAST 3 PIPE SECTIONS ON THE APRON SHALL BE TIED WITH RF-14 TYPE II CONNECTORS. ALL APRONS SHALL HAVE A STANDARD FOOTING AND TRASH GUARD.
- ALL RIP RAP CALLED OUT ON PLANS SHALL BE UNDERLAIN WITH ENGINEERING FABRIC.
- SANITARY SEWER SERVICE CONNECTIONS SHALL BE PLACED AT A SLOPE OF NO LESS THAN 2%. SERVICES SHALL MAINTAIN 18" OF VERTICAL SEPARATION FROM THE WATERMAIN WITH 18" OF COMPACTED LOW PERMEABILITY SOIL BETWEEN THE UTILITIES WITHIN 10' OF THE CROSSING.
- MANDREL AND PRESSURE TESTS SHALL BE REQUIRED FOR ALL PROPOSED SANITARY LINES. TELEVISIONING OF THE SANITARY SEWER SYSTEM SHALL BE COMPLETED PRIOR TO PAVING UNLESS OTHERWISE APPROVED BY JURISDICTION.

UTILITY NOTE:

THE LOCATION OF THE UTILITIES INDICATED ON THE PLANS HAVE BEEN TAKEN FROM THE FIELD SURVEY, EXISTING PUBLIC RECORDS, AND PLANS PROVIDED BY OTHERS. SURFACE UTILITY LOCATIONS HAVE BEEN FIELD LOCATED BY BISHOP ENGINEERING, UNLESS OTHERWISE NOTED. ALL UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE LOCATIONS ONLY. BISHOP ENGINEERING DOES NOT GUARANTEE THE UNDERGROUND LOCATION OF ANY UTILITIES SHOWN. IT SHALL BE THE DUTY OF THE CONTRACTOR TO DETERMINE THE LOCATION AND DEPTH OF ANY UNDERGROUND UTILITIES SHOWN AND IF ANY ADDITIONAL UTILITIES, OTHER THAN THOSE SHOWN ON THE PLANS, MAY BE PRESENT. A REQUEST WAS MADE TO IOWA ONE CALL FOR UTILITY PROVIDERS TO VERIFY, LOCATE, AND MARK THEIR UTILITIES IN THE FIELD.



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VICINITY MAP
SCALE: 1" = 400'

UTILITY CONFLICT NOTES:

- UTILITY CONFLICTS MAY EXIST ACROSS THE SITE WITH NEW UTILITIES, GRADING, PAVING ETC. MOST UTILITY CONFLICTS HAVE BEEN CALLED OUT FOR CONTRACTOR CONVENIENCE.
- CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY CONFLICTS THAT ARE EITHER CALLED OUT ON THE PLANS OR THAT CAN BE SEEN ON THE PLANS BETWEEN AN EXISTING UTILITY AND PROPOSED CONSTRUCTION

WETLAND NOTES:

- BISHOP ENGINEERING DOES NOT PERFORM WETLAND STUDIES OR WETLAND MITIGATION. IT IS THE OWNER'S RESPONSIBILITY TO DETERMINE IF ANY WETLANDS ARE LOCATED ON THE PROJECT SITE AND PERFORM ANY NECESSARY MITIGATION PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES.

SURVEY NOTES:

- SURVEY WORK WAS COMPLETED BY BISHOP ENGINEERING ON 05-18-26. SEE SITE SURVEY PROVIDED AS PART OF THIS SET OF PLANS FOR EXISTING SITE CONDITIONS AND BOUNDARY INFORMATION.

GEOTECHNICAL REPORT:

- REFERENCE ALLENDER BUTZKE ENGINEERS INC. SOILS REPORT (PROJECT NO. 251210) FOR ADDITIONAL SOILS INFORMATION INCLUDING BUT NOT LIMITED TO SUBGRADE INFORMATION, FOOTING DESIGN, AND ANY POSSIBLE OVER EXCAVATION DUE TO POOR SOILS. PAVEMENT SECTIONS ON THE PLANS GOVERN OVER PAVEMENT THICKNESS IN THE SOILS REPORT.
- THE RECOMMENDED DESIGN AND SPECIFICATIONS HAVE BEEN APPROVED BY THE OWNER.
- ANY RECOMMENDATIONS MADE BY THE OWNER'S SELECTED GEOTECHNICAL FIRM SHALL GOVERN.

SPECIFICATIONS NOTES:

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NEWTON CORRECTIONAL FACILITY PROJECT SPECIFICATIONS, STATE FIRE MARSHAL SPECIFICATIONS AND SUDAS SPECIFICATIONS.
- FOR ANY DISCREPANCIES BETWEEN THE NEWTON CORRECTIONAL FACILITY PROJECT SPECIFICATIONS AND STATE FIRE MARSHAL REQUIREMENTS AND SPECIFICATIONS, PLUMBING CODE, AND URBAN STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENT (SUDAS 2020), STATE FIRE MARSHAL STANDARD SPECIFICATIONS SHALL GOVERN.
- FOR ALL SPECIFICATION DISCREPANCIES, PROJECT ENGINEER SHALL BE CONTACTED PRIOR TO PROCEEDING WITH CONSTRUCTION. IF ENGINEER IS NOT CONTACTED, CONTRACTOR SHALL BE RESPONSIBLE FOR ANY PROBLEMS THAT RESULT FROM SAID DISCREPANCIES.
- FOR ALL SPECIFICATION DISCREPANCIES, CONTRACTOR MUST OBTAIN WRITTEN APPROVAL FROM NEWTON CORRECTIONS FACILITY FOR ANY CHANGES TO PROPOSED SITE INFRASTRUCTURE OR GRADES PRIOR TO PROCEEDING WITH ANY CHANGES.

SECURITY NOTES:

- CONTRACTOR RESPONSIBLE FOR SECURITY OF THE SITE.
- TEMPORARY FENCES OR ANY OTHER SECURITY MEASURES ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- NO SECURITY MEASURES WILL BE ELIGIBLE FOR A CHANGE ORDER AND MUST BE INCLUDED IN THE BASE BID.

STAKING NOTES:

- CONTRACTOR IS REQUIRED TO HAVE ALL STAKING DONE UNDER THE SUPERVISION OF A LICENSED LAND SURVEYOR AND IN COORDINATION WITH THE PROJECT ENGINEER.
- CONTRACTOR IS REQUIRED TO HAVE ALL STAKING DONE DIRECTLY UNDER THE CONTRACTOR BY A SINGLE COMPANY.
- STAKING DOES NOT RELIEVE CONTRACTOR OF ULTIMATE RESPONSIBILITY TO CONSTRUCT THE PROJECT PER PLAN.

EARTHWORK BALANCE NOTES:

- SOIL IMPORT OR EXPORT ON THIS PROJECT SHALL BE CONSIDERED INCIDENTAL AND WILL NOT BE MEASURED OR PAID FOR SEPARATELY. CONTRACTOR RESPONSIBLE FOR MAKING THE SITE EARTHWORK BALANCE.
- THIS INCLUDES BUT IS NOT LIMITED TO TOPSOIL, POOR SOILS AND STRUCTURAL FILL NECESSARY TO MEET PROJECT PLANS AND SPECIFICATIONS.

SPECIAL NOTES:

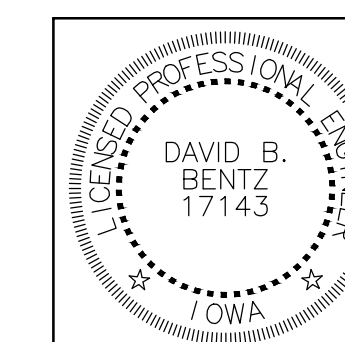
ALL INFORMATION PROVIDED IN THESE DOCUMENTS CONCERNING ANY WORK DIRECTLY ASSOCIATED WITH THE COMPLETE INSTALLATION OF THE CHAIN LINK SECURITY FENCE AND SALLY PORT IS FOR INFORMATION ONLY AND IS NOT INCLUDED IN THIS CONTRACT.

ABBREVIATIONS:

AC	ACRES
ASPH	ASPHALT
BK	BOOK
CONC	CONCRETE
D	DEEDED DISTANCE
EX	EXISTING
ENCL	ENCLOSURE
FF	FINISHED FLOOR
FL	FLOW LINE
FRAC	FRACTIONAL
M	MEASURED DISTANCE
MH	MANHOLE
OPC	ORANGE PLASTIC CAP
P	PLATTED DISTANCE
PG	PAGE
POB	POINT OF BEGINNING
POC	POINT OF COMMENCEMENT
PRA	PREVIOUSLY RECORDED AS PUBLIC UTILITY EASEMENT
PUE	PUBLIC UTILITY EASEMENT
ROW	RIGHT OF WAY
RPC	RED PLASTIC CAP
SF	SQUARE FEET
SAN	SANITARY
TYP	TYPICAL
YPC	YELLOW PLASTIC CAP
N	NORTH
S	SOUTH
E	EAST
W	WEST

LEGEND:

— SAN —	SANITARY SEWER
— ST —	STORM SEWER
— W —	WATER LINE
— G —	GAS LINE
— U/E —	UNDERGROUND ELECTRIC
— O/E —	OVERHEAD ELECTRIC
— TELE —	TELEPHONE LINE
— F/O —	FIBER OPTIC
— CATV —	CABLE TV
Ⓢ	STORM MANHOLE
Ⓜ	SURFACE INTAKE
Ⓜ	FLARED END SECTION
Ⓢ	SANITARY MANHOLE
Ⓢ	CLEANOUT
Ⓢ	FIRE HYDRANT
Ⓢ	SPRINKLER
Ⓢ	IRRIGATION CONTROL VALVE
Ⓢ	WATER MANHOLE
Ⓢ	WELL
Ⓢ	WATER VALVE
Ⓢ	WATER SHUT OFF
Ⓢ	YARD HYDRANT
Ⓢ	ELECTRIC MANHOLE
Ⓢ	ELECTRIC METER
Ⓢ	ELECTRIC RISER
Ⓢ	ELECTRIC VAULT
Ⓢ	POWER POLE
Ⓢ	TRANSFORMER POLE
Ⓢ	LIGHT POLE
Ⓢ	ELECTRIC JUNCTION BOX
Ⓢ	ELECTRIC PANEL
Ⓢ	TRANSFORMER
Ⓢ	GROUND LIGHT
Ⓢ	GUY WIRE
Ⓢ	ELECTRIC HANDHOLE
Ⓢ	GAS METER
Ⓢ	GAS VALVE
Ⓢ	AIR CONDITIONING UNIT
Ⓢ	TELEPHONE RISER
Ⓢ	TELEPHONE VAULT
Ⓢ	TELEPHONE MANHOLE
Ⓢ	TRAFFIC SIGNAL MANHOLE
Ⓢ	FIBER OPTIC MANHOLE
Ⓢ	FIBER OPTIC RISER
Ⓢ	FIBER OPTIC VAULT
Ⓢ	CABLE TV RISER
Ⓢ	SIGN
Ⓢ	BOLLARD
Ⓢ	DENOTES NUMBER OF PARKING STALLS
Ⓢ	PROPERTY CORNER - FOUND AS NOTED
Ⓢ	PROPERTY CORNER - PLACED AS NOTED
Ⓢ	SECTION CORNER - FOUND AS NOTED



I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

SIGNED: _____ DATE: _____

DAVID B. BENTZ, PE. 17143
LICENSE RENEWAL DATE: DEC. 31, 2027
PAGES OR SHEETS COVERED BY THIS SEAL: C0.1 - C7.2



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ISSUE:
DATE: DESCRIPTION:

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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:

DAS NO.: 9239.04

SHEET TITLE:

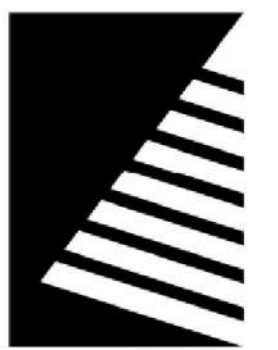
CIVIL INFORMATION SHEET

SHEET NUMBER:

C0.1

PROJECT NO.: 02401959.001

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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:

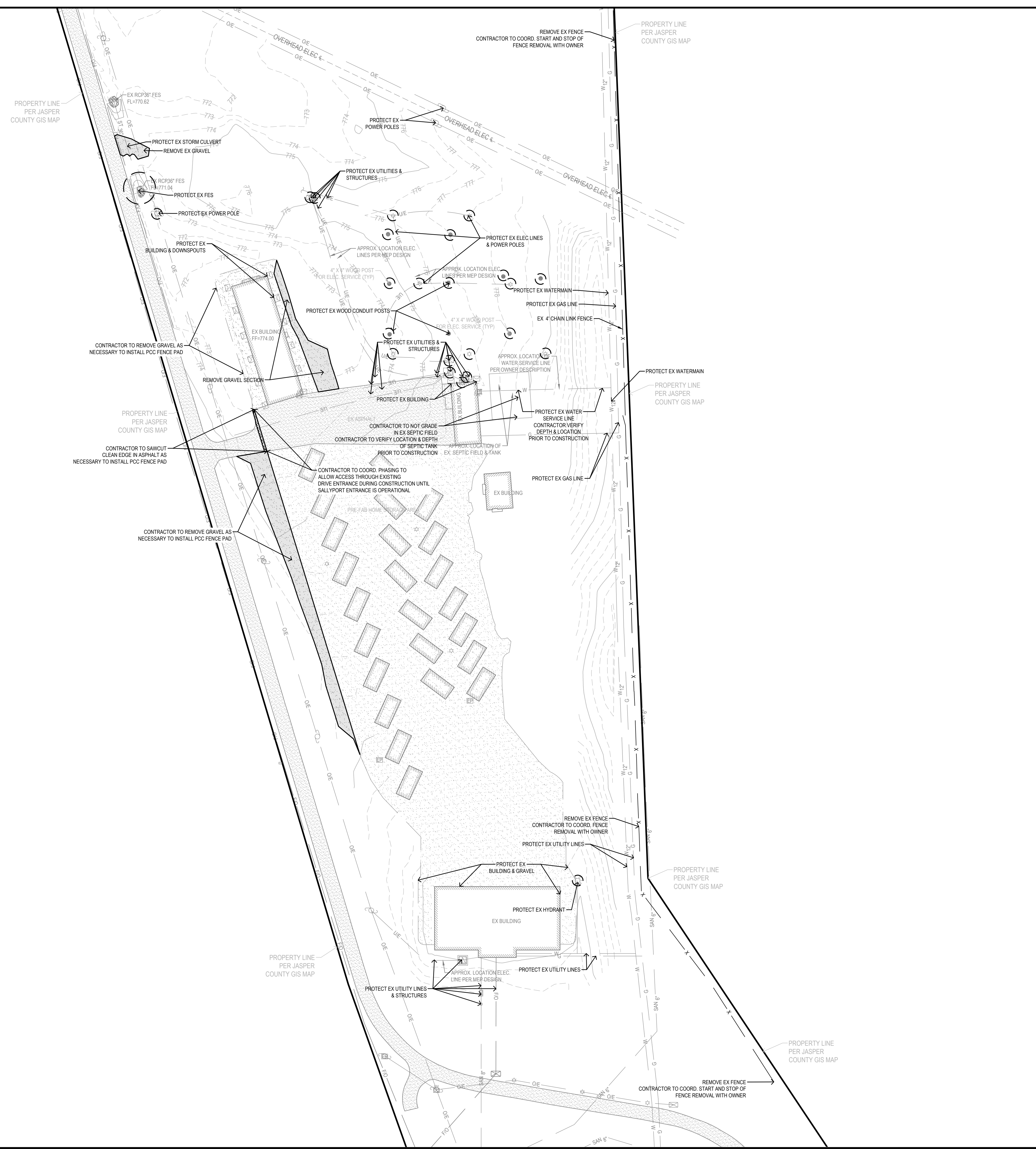
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SHEET TITLE:
SURVEY & DEMO PLAN

SHEET NUMBER:

C1.1

PROJECT NO.: 02401959.001

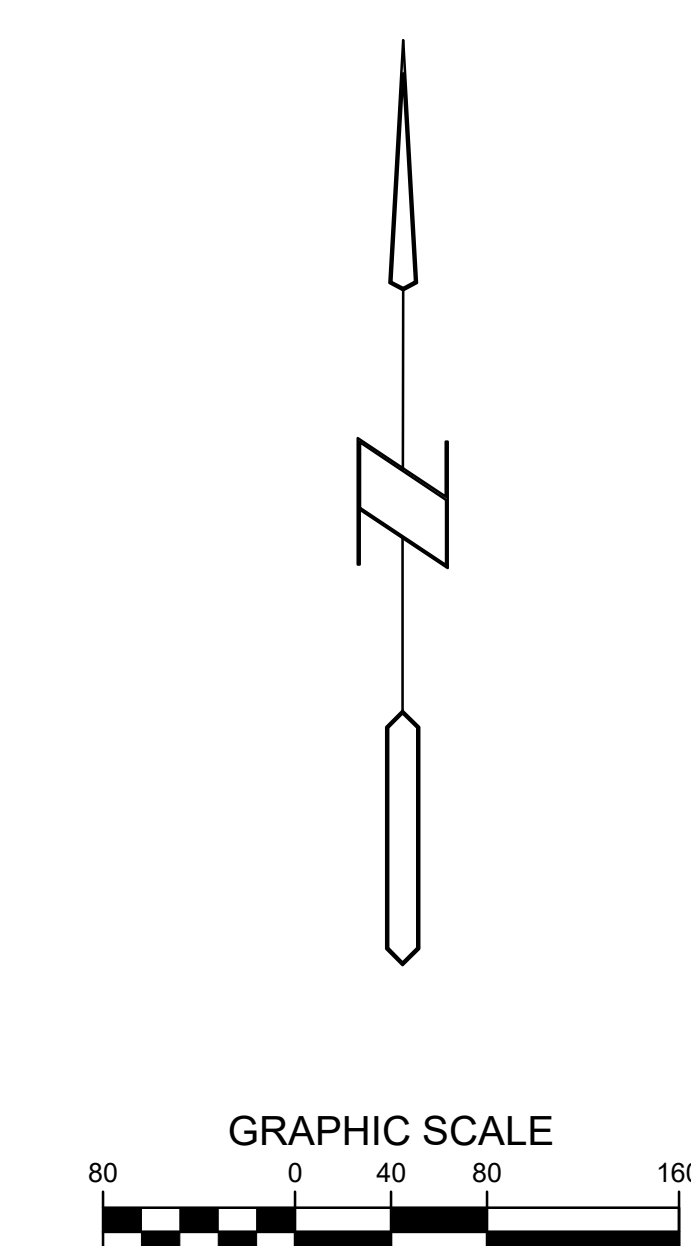


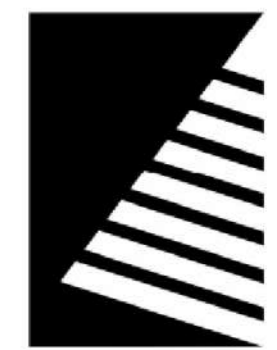
DENOTES PROTECTION:

DEMO NOTES:

- CONTRACTOR TO LOCATE AND VERIFY ALL EXISTING UTILITY LOCATIONS AND DEPTH ON SITE PRIOR TO CONSTRUCTION AND CONTACT ENGINEER/OWNER IF DIFFERENT FROM PLANS OR IN CONFLICT IN CONSTRUCTION ACTIVITIES.
- CONTRACTOR TO COORDINATE PERMITTING, SIGNAGE AND LANE CLOSURE WITH CITY OF NEWTON AS REQUIRED FOR WORK WITHIN RIGHT OF WAY PRIOR TO START OF CONSTRUCTION.
- CONTRACTOR TO PROTECT ALL UTILITIES, PAVEMENTS AND STRUCTURES THAT ARE NOT SCHEDULED FOR REMOVAL. CONTRACTOR SHALL REPAIR AND/OR REPLACE ANY DAMAGED UTILITIES, PAVEMENTS, AND STRUCTURES NOT SCHEDULED FOR REMOVAL PER CITY/OWNER SPECIFICATIONS AT THE CONTRACTORS EXPENSE.
- CONTRACTOR TO REMOVE EXISTING GRANULAR SURFACE AND UNSUITABLE MATERIALS WITHIN REMOVAL LIMITS SHOWN AND HAUL OFF TO AN APPROVED LOCATION.
- CONTRACTOR TO COORDINATE WITH OWNER FOR SALVAGING & STORING MATERIALS AT A LOCATION DESIGNATED BY THE OWNER.
- CONTRACTOR TO COORDINATE WITH UTILITY OWNERS AND MEP FOR ANY REQUIRED RELOCATION OR ADJUSTMENT OF EXISTING FIBER, ELECTRIC AND GAS LINES AS NEEDED TO AVOID CONFLICT WITH CONSTRUCTION ACTIVITIES AND IMPROVEMENTS.
- CONTRACTOR TO RE-GRAVEL SURROUNDING SURFACE ONCE CONSTRUCTION IS COMPLETE.

6/2/2026 11:33:07 AM L:\LAND PROJECTS\2023\20091-2 NCF FENCE AND PARKING LOT\DWG\C1.1 EX. CONDITIONS& DEMO.DWG
L:\Users\jlc\OneDrive\Documents\2023\20091-2 NCF FENCE AND PARKING LOT\DWG\C1.1 EX. CONDITIONS& DEMO.DWG | 5/27/2026 8:05 PM





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ISSUE:
DATE: DESCRIPTION:

GENERAL NOTES:

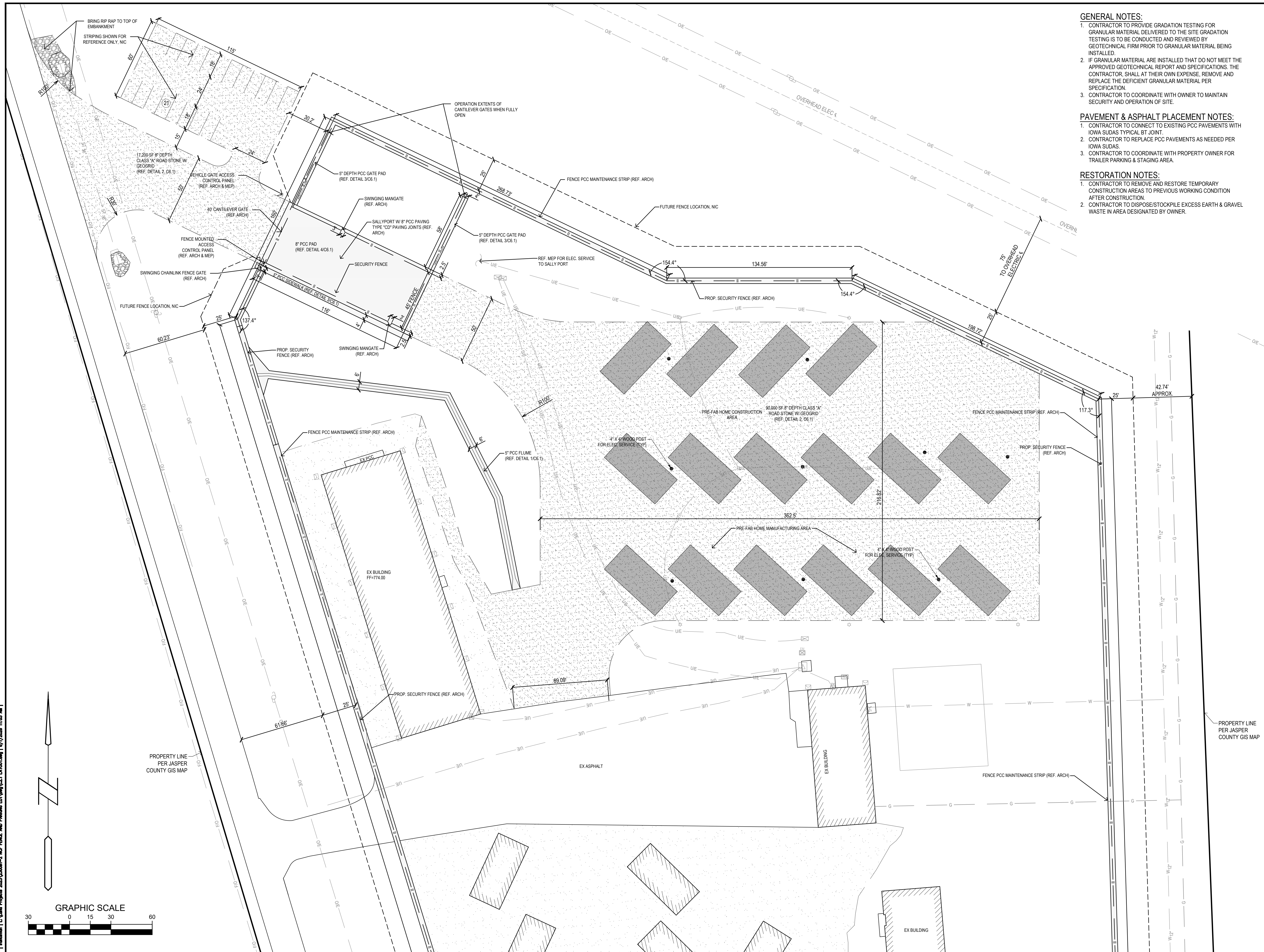
1. CONTRACTOR TO PROVIDE GRADATION TESTING FOR GRANULAR MATERIAL DELIVERED TO THE SITE. GRADATION TESTING IS TO BE CONDUCTED AND REVIEWED BY GEOTECHNICAL FIRM PRIOR TO GRANULAR MATERIAL BEING INSTALLED.
2. IF GRANULAR MATERIAL ARE INSTALLED THAT DO NOT MEET THE APPROVED GEOTECHNICAL REPORT AND SPECIFICATIONS, 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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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:	
DAS NO.:	9239.04

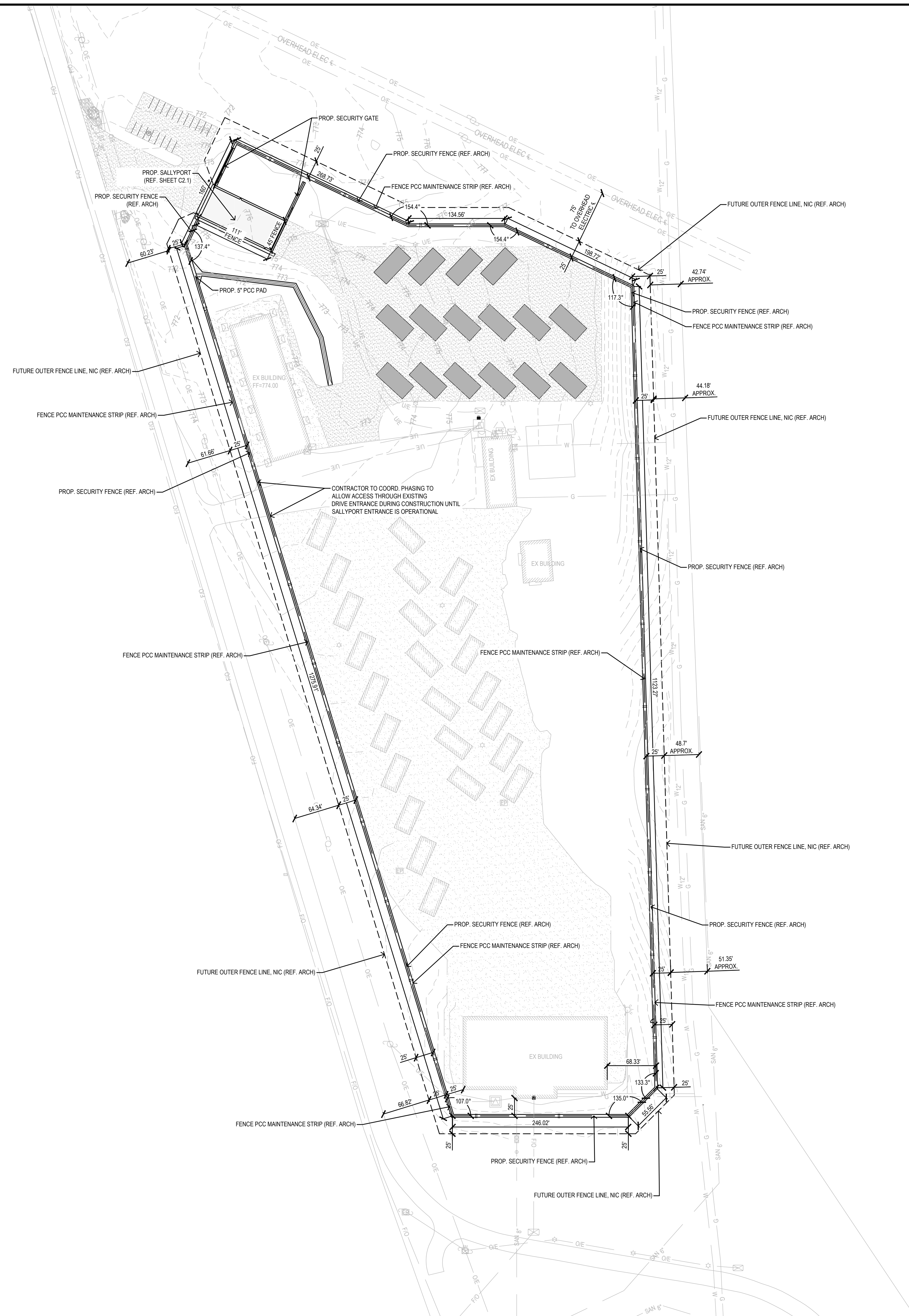
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SALLYPORT & PARKING LAYOUT

SHEET NUMBER:

C2.1

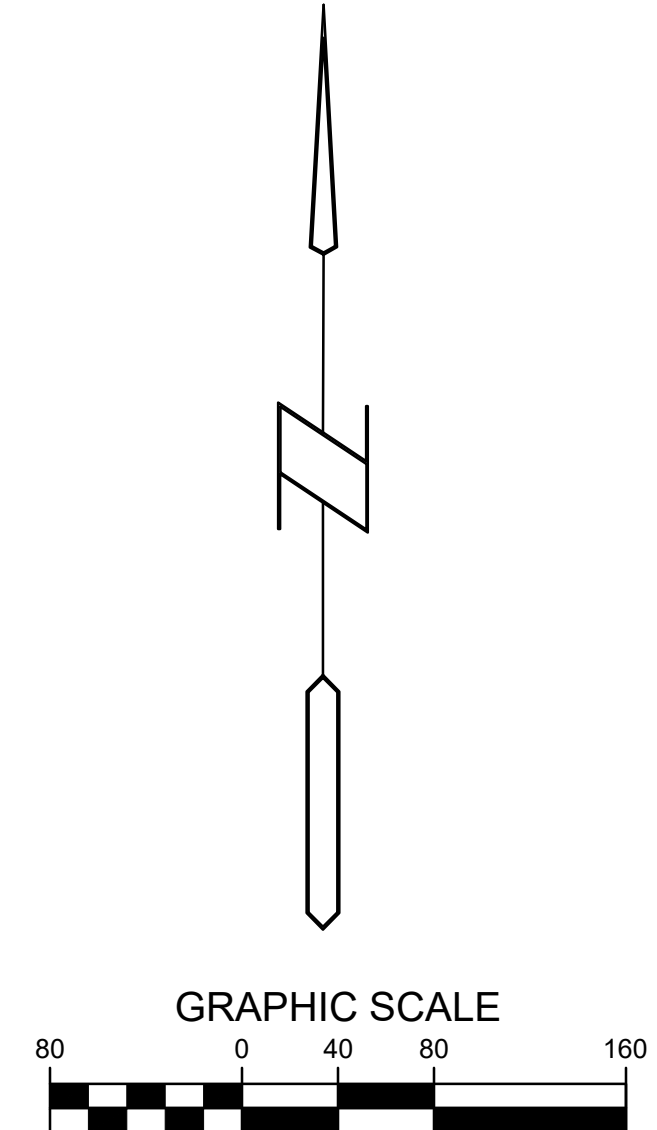
PROJECT NO.: 02401959.001

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 | hudson | L:\Land Projects\2023\20091-2 NCF FENCE AND PARKING LOT\DWG\C2.2 FENCE LAYOUT.dwg | 6/1/2026 10:58 AM |



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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ISSUE:
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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:

DAS NO.: 9239.04

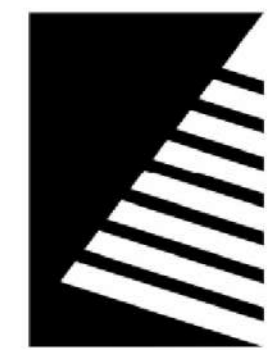
SHEET TITLE:

OVERALL FENCE LAYOUT
 W/ EXISTING CONTOURS

SHEET NUMBER:

C2.2

PROJECT NO.: 02401959.001



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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:

DAS NO.: 9239.04

SHEET TITLE:
SALLYPORT & PARKING
GRADING PLAN

SHEET NUMBER:

C3.1

PROJECT NO.: 02401959.001

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

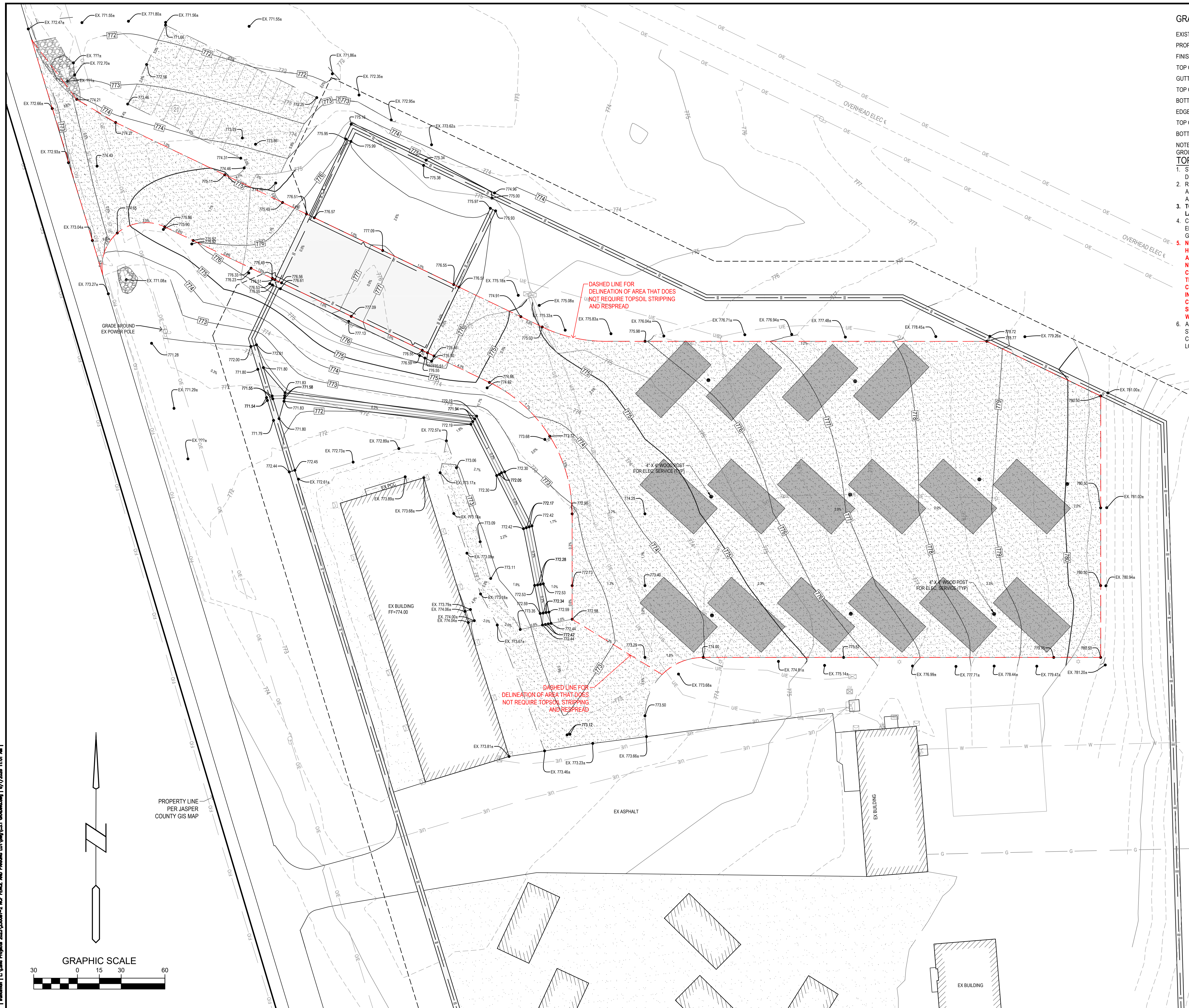
NOTE: WALL ELEVATIONS SHOWN ON PLAN ARE FINISHED GROUND GRADES AT THE TOP AND BOTTOM OF THE WALL.

TOPSOIL NOTES:

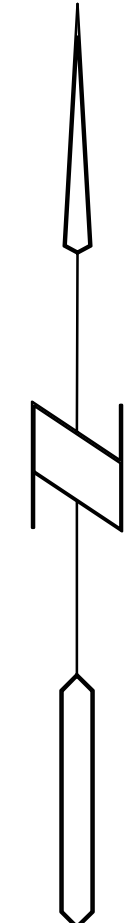
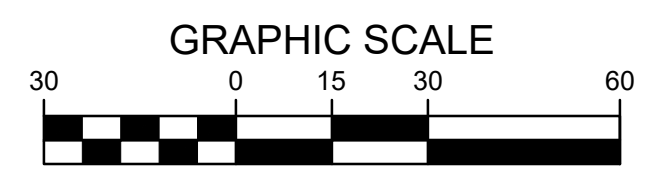
1. STRIP AND STOCKPILE THE TOP 8" OF SOIL ON ALL DISTURBED AREAS.
2. RESPREAD TOPSOIL TO A MINIMUM DEPTH OF 8" ON ALL GREEN (NON PAVED) AREAS. IMPORT TOPSOIL AS NECESSARY TO ACHIEVE A MINIMUM DEPTH OF 6".
3. TOPSOIL SHALL BE FREE OF ALL ROCK AND DEBRIS LARGER THAN 3/4" IN SIZE.
4. CONTRACTOR SHALL BE 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:

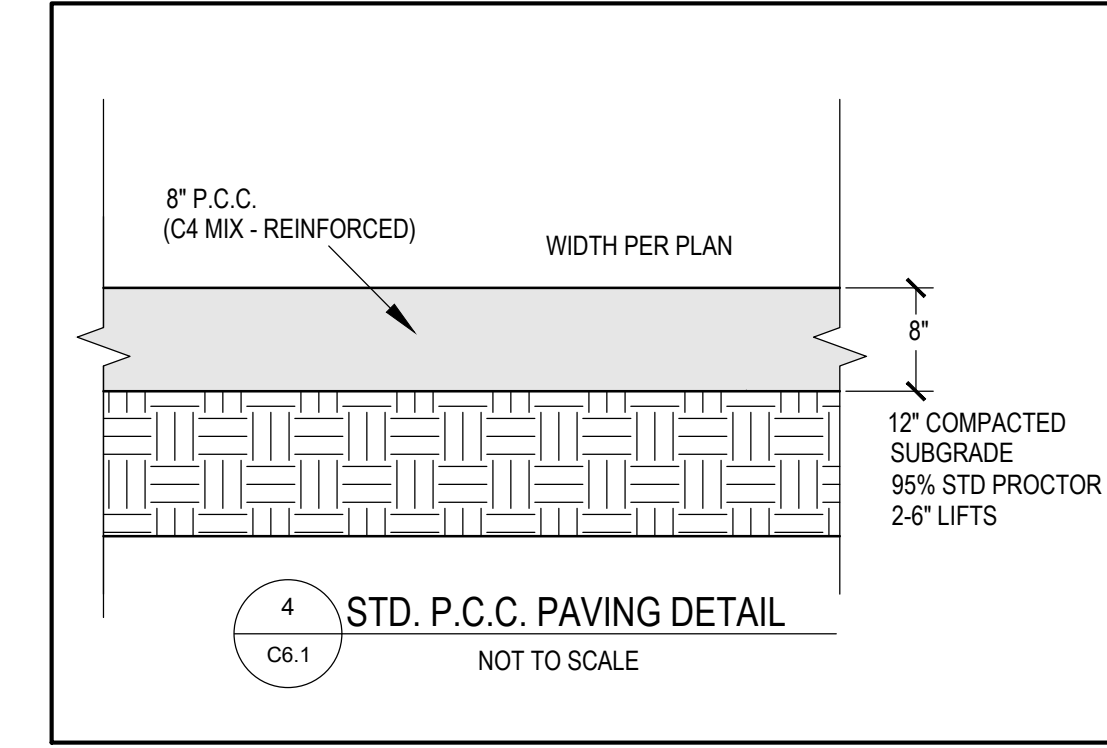
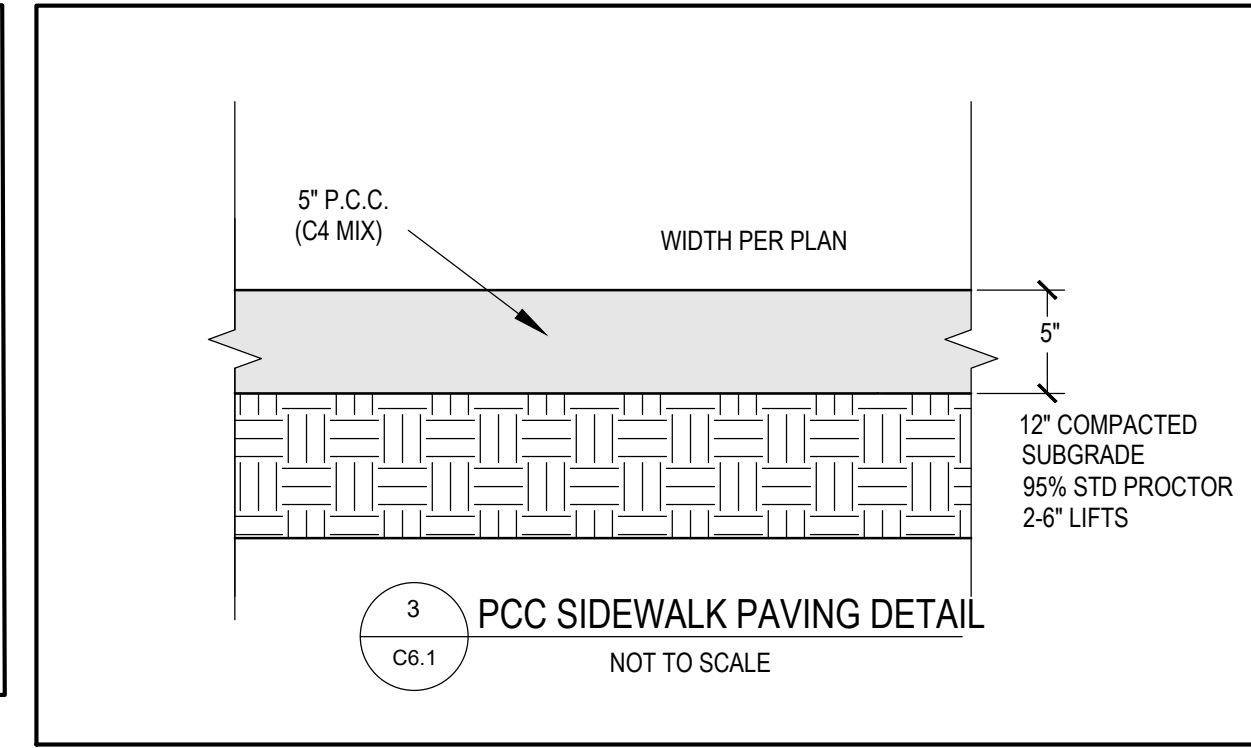
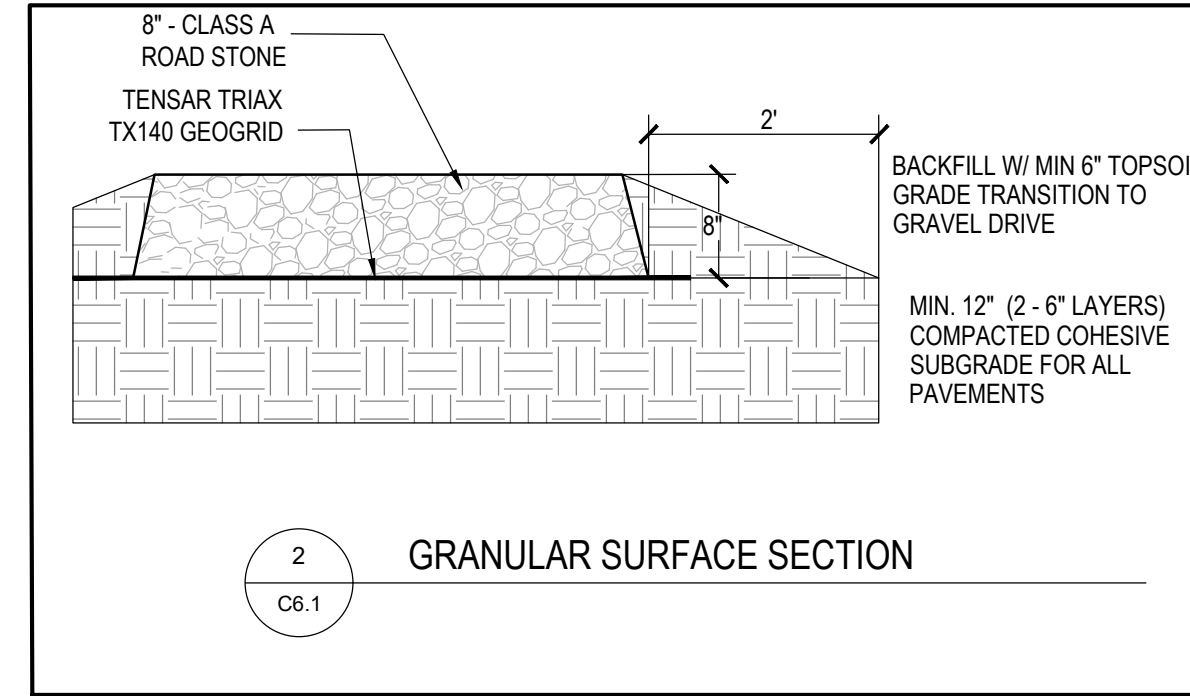
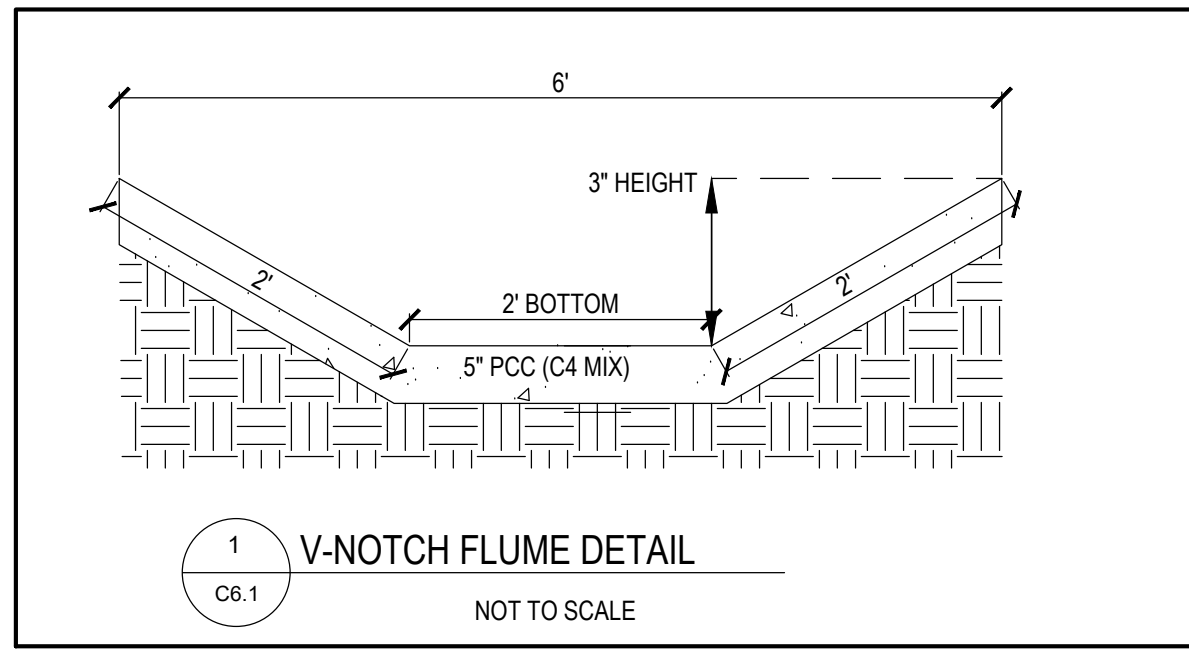
CUT VOLUME: 240 CY
FILL VOLUME: 3,440 CY
NET: 3,200 CY (FILL)



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PROPERTY LINE
PER JASPER
COUNTY GIS MAP



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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:
DAS NO.: 9239.04

SHEET TITLE:
DETAILS

SHEET NUMBER:

C6.1

PROJECT NO.: 02401959.001



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EROSION CONTROL NOTES:

- SEE SUPPLEMENTAL DETAIL STORM WATER POLLUTION PLAN NARRATIVE FOR ALL EROSION CONTROL MEASURES. ADDITIONAL DETAILS AND NOTE ADDITIONAL NOTES AND MEASURES IN NARRATIVE SHALL BE CONSIDERED INCIDENTAL AND SHALL BE INCLUDED IN THE ORIGINAL BID.
- SWPPP PLAN AND NARRATIVE ARE CONSIDERED A LIVING DOCUMENT AND WILL NEED PERIODIC UPDATES AND ADJUSTMENTS AS NECESSARY DEPENDING ON SITE CONDITIONS TO ASSURE COMPLIANCE WITH NPDES GENERAL PERMIT NO. 2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO UPDATE THE SWPPP AND IMPLEMENT ANY AND ALL MEASURES NECESSARY TO COMPLY WITH SAID PERMIT NO. 2.
- INSTALL PERIMETER SILT FENCE AS SHOWN ON PLANS PRIOR TO CONSTRUCTION.
- INSTALL INTAKE PROTECTION WITH SILT FENCE IMMEDIATELY AFTER STORM SEWER CONSTRUCTION.
- INSTALL FINISHED PAVING INLET PROTECTION IMMEDIATELY AFTER PAVING IS COMPLETED AROUND INTAKE.
- OTHER EROSION CONTROL TYPES MAY NOT BE SUBSTITUTED FOR SILT FENCE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING A CONCRETE WASHOUT IN ACCORDANCE WITH NPDES GENERAL PERMIT NO. 2 DURING ALL CONCRETE WORK. CONCRETE WASHOUT SHALL MEET SUDAS SPEC 11050.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING TEMPORARY RESTROOM FACILITIES. SANITARY WASTE SHALL BE DISPOSED OF PER ALL FEDERAL, STATE AND LOCAL REGULATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING ALL TOPSOIL REQUIREMENTS OF NPDES GENERAL PERMIT NO. 2 ARE MET.
- THIS PROJECT INCLUDES SAWCUTTING OR CONCRETE GRINDING SO PROTECTION OF STORM SEWERS AND DRAINAGE WAYS WILL NEED TO BE PROVIDED FROM SLURRY FROM THE CONCRETE OPERATIONS TO DISCHARGE OFFSITE. SEE SWPPP SHEET AND NARRATIVE FOR ADDITIONAL DETAILS.
- CONTRACTOR SHALL PROVIDE APPROPRIATE CONTROLS TO PREVENT DISCHARGES FROM ANY AND ALL DEWATERING ACTIVITIES.
- SEE LANDSCAPE PLAN FOR FINAL STABILIZATION INCLUDING SEEDING AND SODDING AREAS.
- PER NPDES GENERAL PERMIT NO. 2, IF CONSTRUCTION ACTIVITY IS NOT PLANNED FOR AT LEAST 14 DAYS, ALL DISTURBED AREAS SHALL BE STABILIZED IMMEDIATELY BY TEMPORARY EROSION CONTROL MEASURES.
- THE FOLLOWING DISCHARGES ARE PROHIBITED: WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OIL, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS, FUEL OILS OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE, AND SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING

EROSION CONTROL REMOVAL NOTES:

- AFTER FINAL STABILIZATION HAS OCCURRED, AS DEFINED IN NPDES GENERAL PERMIT NO. 2, CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL TEMPORARY EROSION CONTROL DEVICES INCLUDING, BUT NOT LIMITED TO: SILT FENCE, INLET PROTECTION, AND TEMPORARY STANDPIPES.

LANDSCAPE NOTES:

- ALL SODDING/SEEDING & LANDSCAPE PLANTINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE URBAN STANDARD SPECIFICATIONS, UNLESS SPECIFIED OTHERWISE.
- SOD/SEED ALL DISTURBED AREAS WITHIN THE CONTRACT LIMITS, UNLESS NOTED OTHERWISE. SOD/SEED LIMITS SHOWN ON PLAN ARE FOR REFERENCE ONLY. FINAL LIMITS MAY CHANGE BASED ON CONSTRUCTION ACTIVITIES.
- STAKE SOD ON ALL SLOPES 3:1 OR GREATER.
- PLANT QUANTITIES ARE FOR CONTRACTORS CONVENIENCE. THE DRAWING SHALL PREVAIL IF A CONFLICT OCCURS.
- ALL PLANT MATERIAL SHALL CONFORM TO THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1).
- CONTRACTOR SHALL WARRANT ALL PLANT MATERIAL FOR A PERIOD OF ONE YEAR FROM THE DATE OF INITIAL ACCEPTANCE.
- FOR WARRANTY PURPOSES, THE DATE OF INITIAL ACCEPTANCE SHALL BE SUBMITTED IN WRITING TO THE OWNER AND/OR OWNER'S REPRESENTATIVE AFTER ALL PLANT MATERIALS HAVE BEEN INSTALLED AND REVIEWED BY OWNER OR OWNER'S REPRESENTATIVE. PLANT MATERIALS WILL ONLY BE ACCEPTED IF THEY ARE IN AN ALIVE AND THRIVING CONDITION.
- CONDITIONAL ACCEPTANCE OF PLANT MATERIAL MAY BE GIVEN FOR PLANTS INSTALLED IN A DORMANT CONDITION WITH INITIAL ACCEPTANCE OCCURRING THE FOLLOWING SPRING ONCE THEY ARE SHOWN TO BE ALIVE AND THRIVING.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO REMOVE IDENTIFICATION TAGS AND CORDS ON ALL PLANT MATERIAL PRIOR TO THE COMPLETION OF THE CONTRACT. IDENTIFICATION TAGS (INCLUDING SIZING INFORMATION) MUST BE LEFT ON UNTIL AFTER ACCEPTANCE BY OWNER OR OWNER'S REPRESENTATIVE.
- CONTRACTOR SHALL PLACE SHREDDED HARDWOOD MULCH AROUND ALL TREES, SHRUBS AND GROUND COVER BEDS TO A DEPTH OF 4 INCHES, UNLESS NOTED.
- STAKING AND GUYING OF TREES SHALL BE AT THE DISCRETION OF THE CONTRACTOR BASED ON CURRENT ACCEPTED NURSERY STANDARDS. GENERALLY, TREES IN LARGE OPEN AREAS SUBJECT TO SIGNIFICANT WIND SHALL BE STAKED. STAKE AND WRAP TREES IMMEDIATELY AFTER PLANTING. CONTRACTOR SHALL ADJUST AND MAINTAIN GUYING TENSION THROUGHOUT THE PLANT ESTABLISHMENT PERIOD. REMOVE ALL STAKES AND GUY WIRES NO MORE THAN ONE YEAR AFTER INSTALLATION.
- THE LANDSCAPING CONTRACTOR SHALL HAVE ALL UTILITIES LOCATED BEFORE STARTING ANY SITE WORK OR PLANTING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.
- NO LANDSCAPE MATERIAL SHALL BE SUBSTITUTED WITHOUT THE AUTHORIZATION OF THE LANDSCAPE ARCHITECT.
- ALL EDGING SHALL BE DURAEDGE 3/16" STEEL EDGING - COLOR BLACK, OR APPROVED EQUAL.
- CONTRACTOR SHALL BE RESPONSIBLE MAINTAINING APPROPRIATE LEVEL OF WATERING FOR ALL NEW PLANTS FOR A PERIOD OF 30 DAYS.
- ALL SHRUB AND PERENNIAL PLANTING BEDS SHALL BE MULCHED WITH 4" THICK SHREDDED HARDWOOD MULCH.
- ALL SHRUB AND PERENNIAL PLANTING BEDS SHALL INCORPORATE TYPAR 3301 NONWOVEN LANDSCAPE FABRIC (OR SIMILAR) AND 3" THICK LAYER OF WASHED RIVER ROCK (1.5" NOMINAL SIZE).
- ALL BEDS TO RECEIVE GRANULAR PRE-EMERGENT WEED CONTROL BEFORE AND AFTER MULCH/ROCK IS INSTALLED.

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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:

DAS NO.: 9239.04

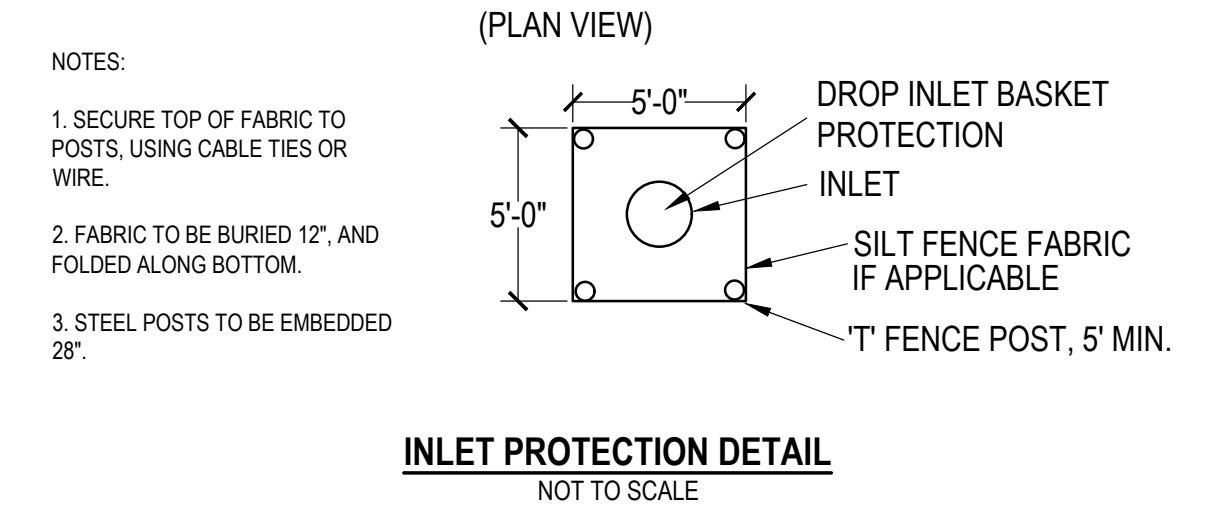
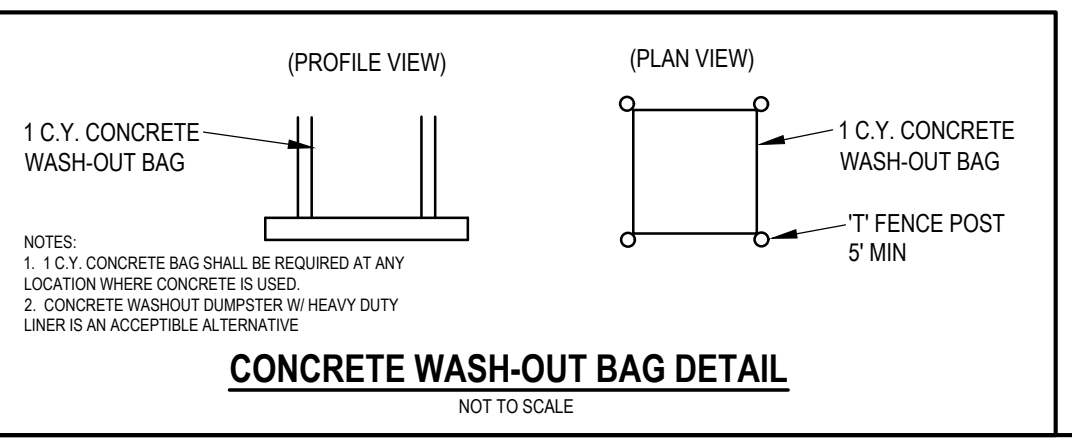
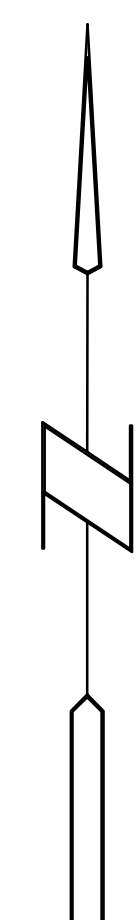
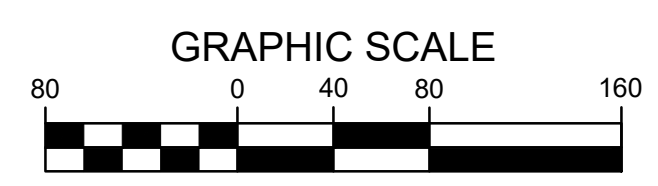
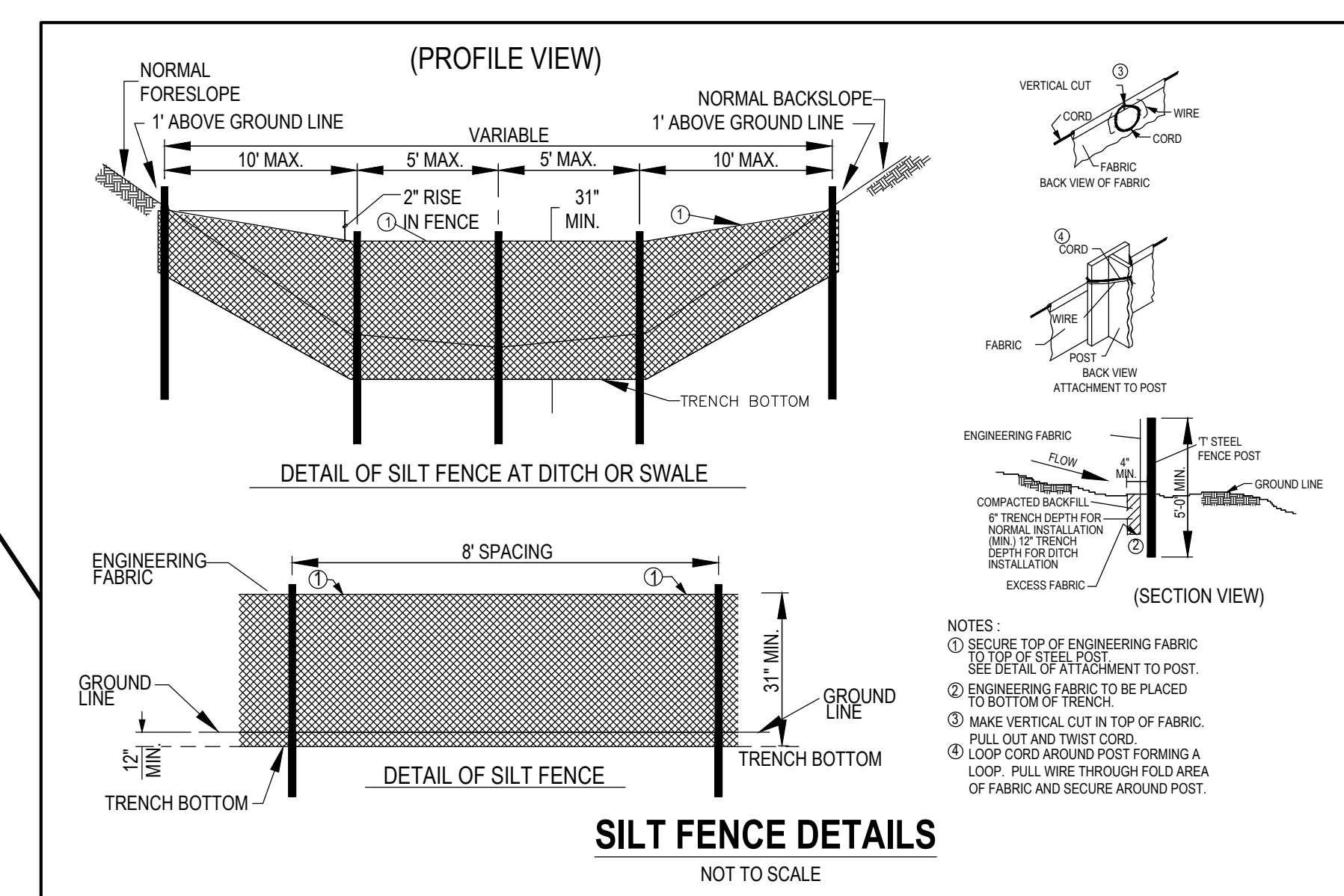
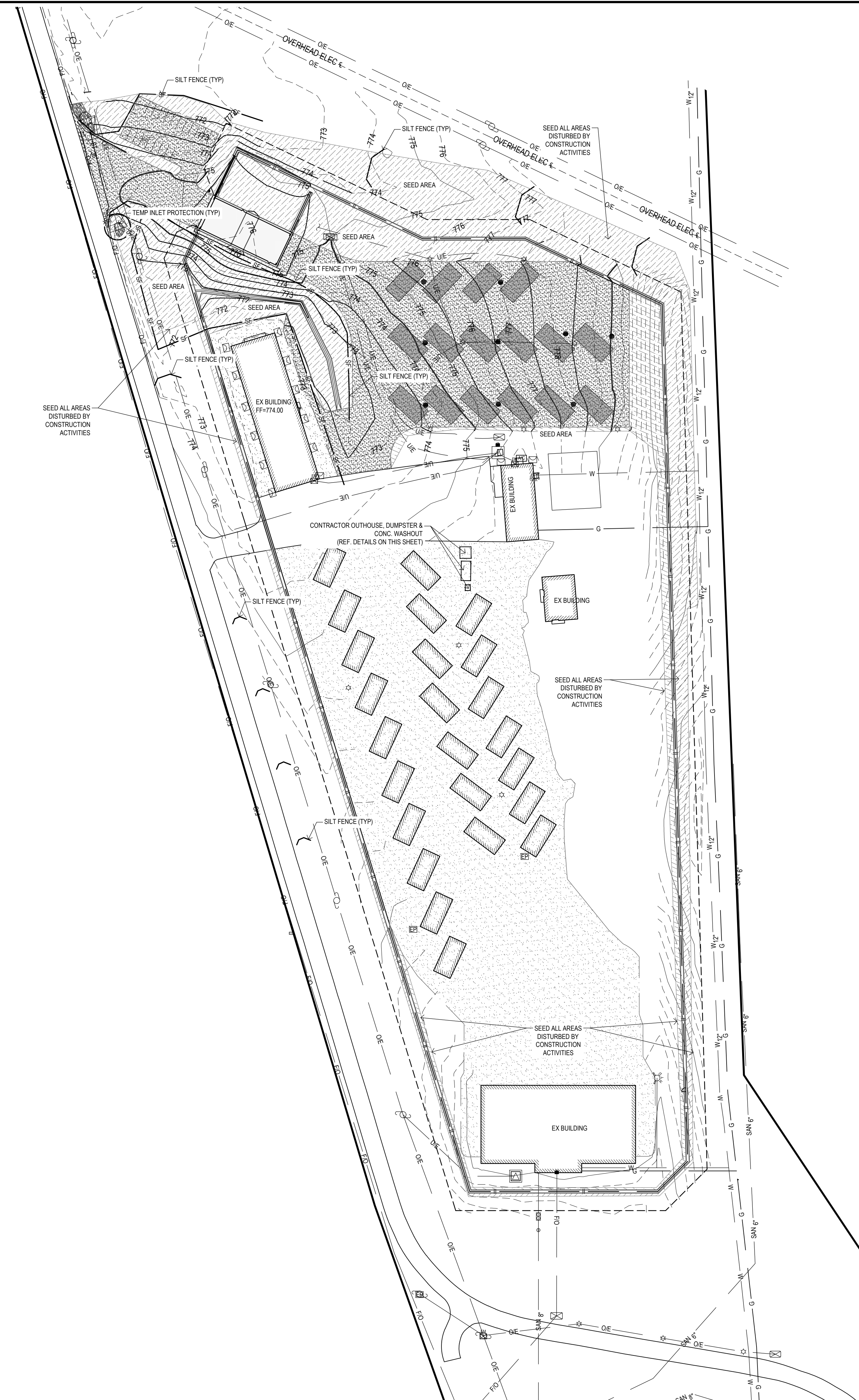
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SEEDING & EROSION CONTROL

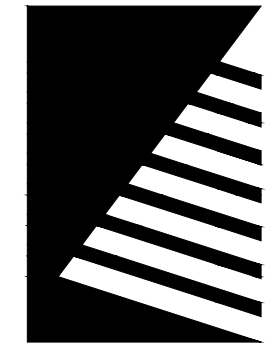
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C7.1

PROJECT NO.: 02401959.001



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PROJECT:
State of Iowa

Newton Correctional Facility Iowa Prison Industries Phase II Perimeter Fence

Newton, Iowa

DATE: 06/01/2026

DESIGNED: LS

DRAWN: KH

REVIEWED: LS

DAS NO.: 9239.04

SHEET TITLE:

ENLARGED ARCHITECTURAL SITE PLAN & DETAILS

SHEET NUMBER:

AC1.1

PROJECT NO.: 02401959.001

GENERAL SITE NOTES:

- ALL SITE WORK SHALL COMPLY WITH THE STATEWIDE URBAN STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS (SUDAS).
- CONTRACTOR SHALL ADJUST ALL UTILITIES TO THE FINISH GRADE. UTILITY ADJUSTMENTS SHALL BE INCLUDED IN THE BID FOR GRADING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL UTILITIES. ANY DAMAGE TO SAID UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- 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.
- 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.
- 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.
- SITE CONTOURS SHOWN ARE EXISTING GRADES. MINOR GRADING SHALL BE PERFORMED TO ACCOMMODATE INSTALLATION OF PERIMETER FENCE COMPONENTS.
- CONTRACTOR SHALL CONTACT OWNER 48 HOURS PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL PICK UP ANY DEBRIS SPILLED ONTO THE ADJACENT PROPERTY AND RIGHT OF WAY AS THE RESULT OF CONSTRUCTION.
- CONTRACTOR TO OBTAIN ANY AND ALL NECESSARY PERMITS FOR THIS PROJECT.
- 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:

- EXISTING STRUCTURE AND ADJACENT PAVEMENT TO REMAIN. PROTECT DURING CONSTRUCTION.
- EXISTING UTILITIES TO REMAIN. COORDINATE ANY NECESSARY ADJUSTMENTS WITH THE UTILITY SERVICE PROVIDER AND OWNER. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXISTENCE, EXACT LOCATION AND DEPTH OF UTILITIES IN PROXIMITY OF PROPOSED WORK PRIOR TO CONSTRUCTION.
- 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:

- ALL SALLY PORTS SHALL BE CONTROLLED BY STAFF LOCATED IN A SECURE AREA EITHER ADJACENT TO THE GATE OR REMOTELY LOCATED.
- 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.
- 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 IN 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.
- 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 ALL INMATES SHALL BE ACCOUNTED FOR PRIOR TO OPENING THE OUTER GATE FOR THE VEHICLE TO EXIT.

PAVING NOTES:

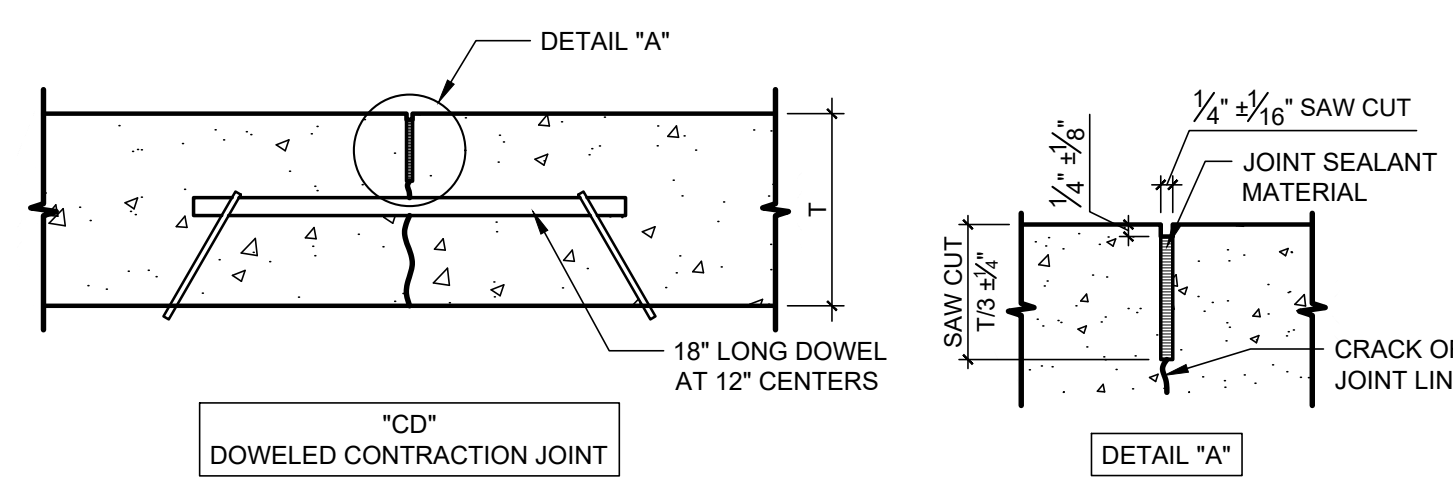
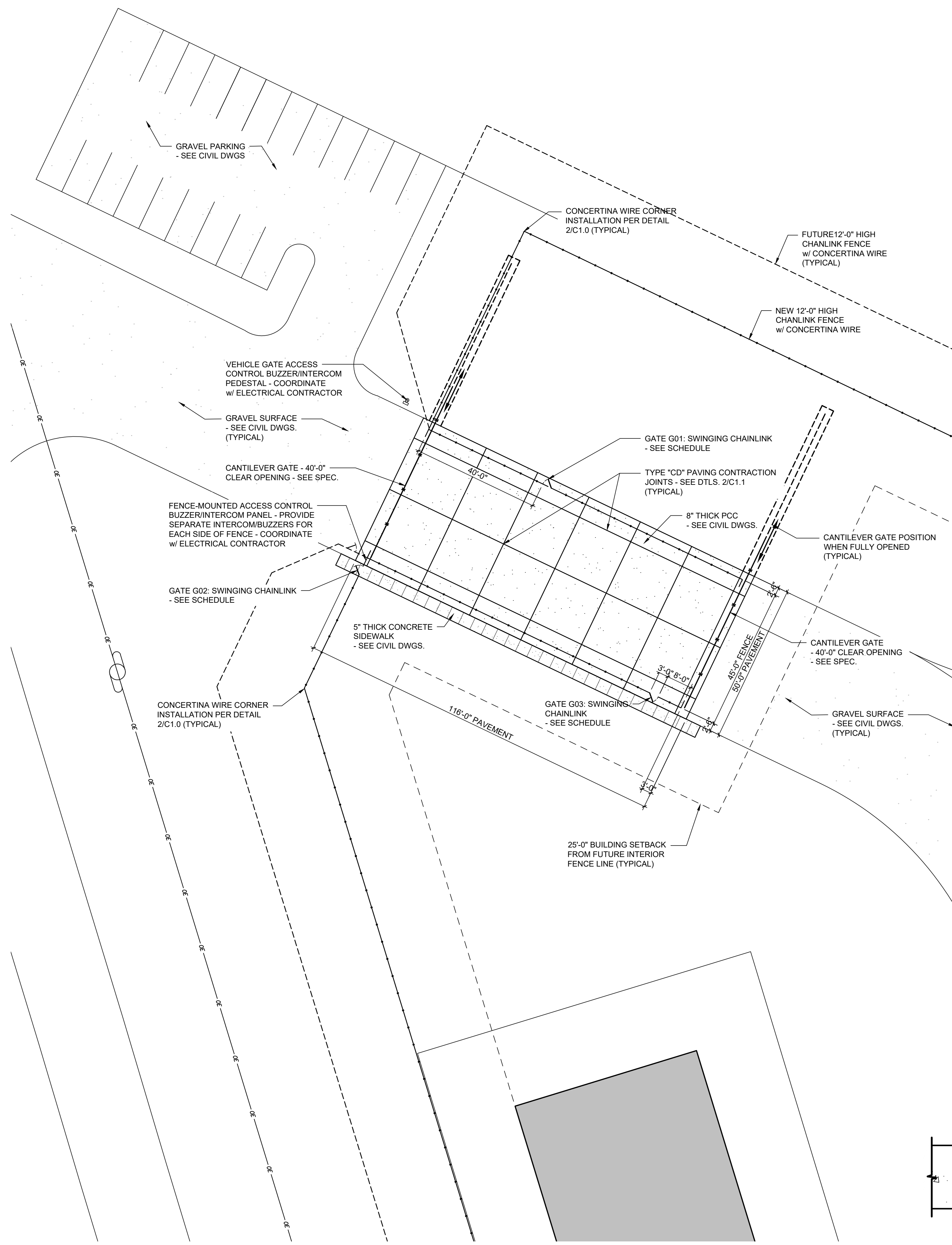
- ALL PAVING WORK SHALL COMPLY WITH THE STATEWIDE URBAN STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS (SUDAS).
- THE PAVING CONTRACTOR SHALL BACKFILL THE PAVING SLAB AND FINE GRADE AREAS DISTURBED BY NEW CONSTRUCTION AS SOON AFTER THE PAVING AS POSSIBLE. DISTURBED LANDSCAPED AREAS SHALL BE SEEDED IN ACCORDANCE WITH THE URBAN STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS.
- SAWCUT NEW PAVEMENT INTO SQUARES BETWEEN APPROXIMATELY 12' X 12' AND 15' X 15'. LENGTH SHALL NOT EXCEED 150% OF WIDTH.
- 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.
- CONTRACTOR TO PROVIDE SAWCUT JOINTING PLAN TO OWNER OR OWNER'S REPRESENTATIVE PRIOR TO ANY CONCRETE PAVEMENT INSTALLATION.
- PAVEMENT MAY BE REQUIRED TO BE REMOVED AND REPLACED IF PLACED WITHOUT AN APPROVED JOINTING PLAN.
- 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:

- 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 (1.6MM) 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 WITH A LOOP SPACING OF 12" (+/- 2"). FOR AN ERECTED LENGTH OF 25FT. (+/- 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.
- RAZOR TAPE/CONCERTINA WIRE SHALL BE INSTALLED ON THE TOP OF EACH FENCE LINE AND PROVIDE QTY. (3) HORIZONTAL ROLLS OF CONCERTINA WIRE ON THE INTERIOR FACE OF EACH PERIMETER FENCE LINES. SECURE HORIZONTAL ROLLS AT THE BOTTOM, MIDDLE AND JUST BELOW THE TOP ROLL OF RAZOR TAPE WITH CONCERTINA BULL RINGS TO THE FENCE.
- 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 THE BOTTOM 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 FROM TOP TO BOTTOM.
 - SECURE HORIZONTAL ROLLS TO VERTICAL ROLL AT CORNER AND FENCE WITH CORRESPONDING CONCERTINA BULL AND HOG RINGS.

STORM WATER POLLUTION PREVENTION PLAN GENERAL NOTES:

- ADDITIONAL MEASURES TO MEET THE REQUIREMENTS OF THE SWPPP AND CHANGING SITE CONDITIONS MAY BE NEEDED.
- 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.
- 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.
- WASHOUT FACILITIES SHALL BE A MINIMUM OF 50' FROM STORM DRAIN INLETS OR DRAINAGE WAYS.
- SIGNAGE SHALL BE PROVIDED AT SITE TO IDENTIFY FACILITY.
- 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.
- MODIFICATIONS TO THE SWPPP SHALL BE IMPLEMENTED WITHIN 7 CALENDAR DAYS FOLLOWING THE INSPECTION.
- THE INSPECTION REPORTS SHALL INCLUDE THE INSPECTORS QUALIFICATIONS.
- 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.



1 ENLARGED SITE PLAN - SALLY PORT

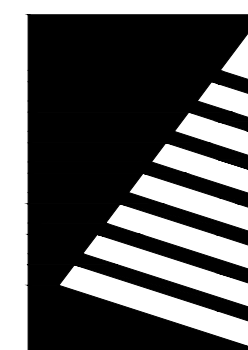
SCALE: 1" = 20'-0"

2 PAVING JOINT DETAILS

SCALE: N.T.S.

CHAINLINK GATE SCHEDULE					
NUMBER	LEAFS	DOOR	DETAIL	CONTROLS	REMARKS
		DOOR SIZE (W x H)			
G01	1	3'-0" x 7'-0"	3/AC2.1	PADLOCK	-
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:**
- ALL GATES ARE SWINGING CHAIN LINK TYPE. SEE SPEC. FOR ADDITIONAL INFORMATION.
 - HARDWARE DESIGNATED AS "CC" DENOTES THE INTEGRATION OF REMOTE ACCESS CONTROLS MANAGED FROM THE MAIN FACILITY CONTROL CENTER.
- OPENING SCHEDULE KEY NOTES:**
- COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER CONNECTIONS.
 - COORDINATE WITH ELECTRICAL CONTRACTOR FOR ACCESS CONTROL CONNECTIONS.
 - COORDINATE WITH ELECTRICAL CONTRACTOR FOR ACCESS CONTROL ROUGH-INS.
 - COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER ROUGH-INS.



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ISSUE:
DATE: DESCRIPTION:

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.

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

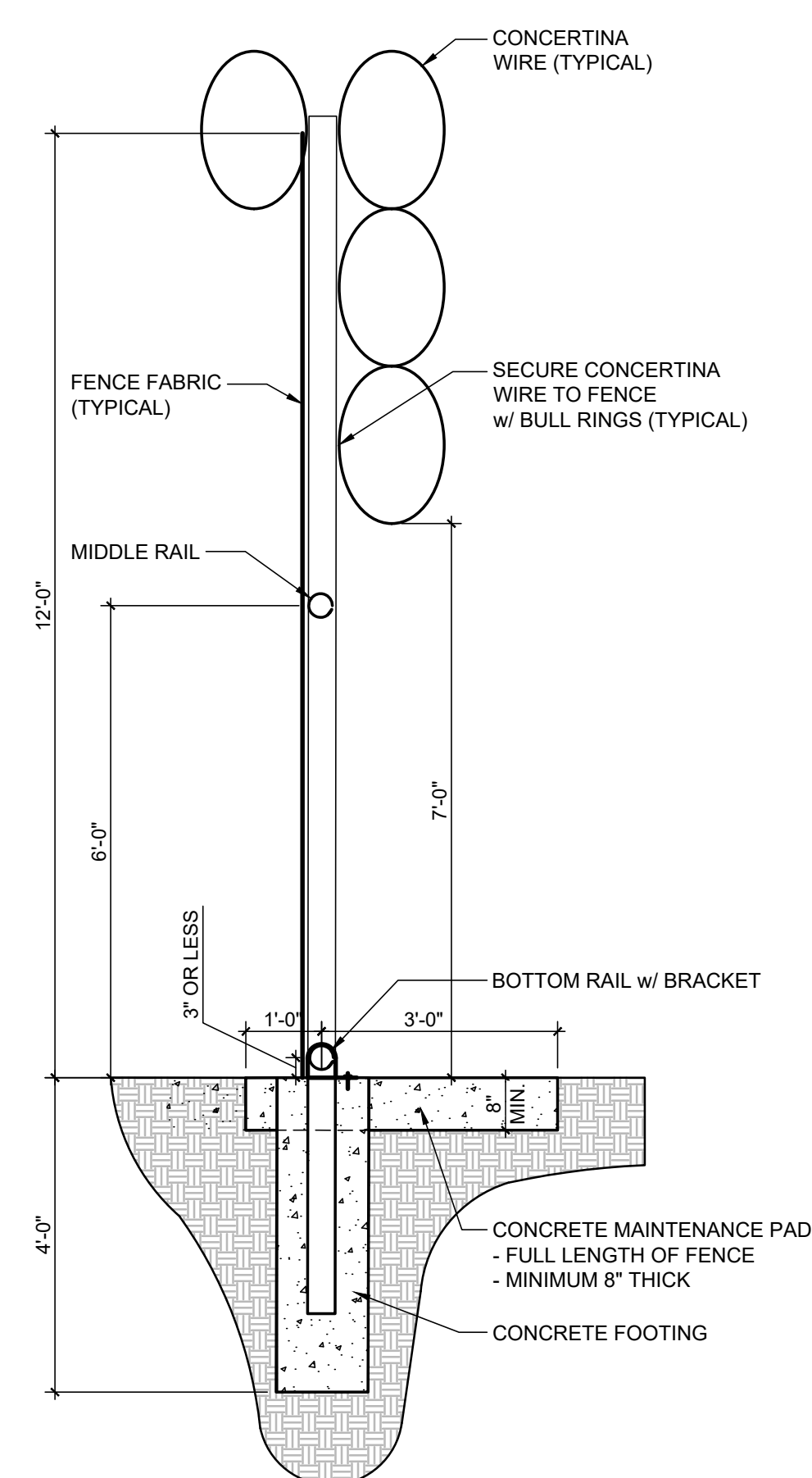
SHEET TITLE:

TYPICAL PERIMETER FENCE SECTION & SWINGING GATE ELEVATIONS

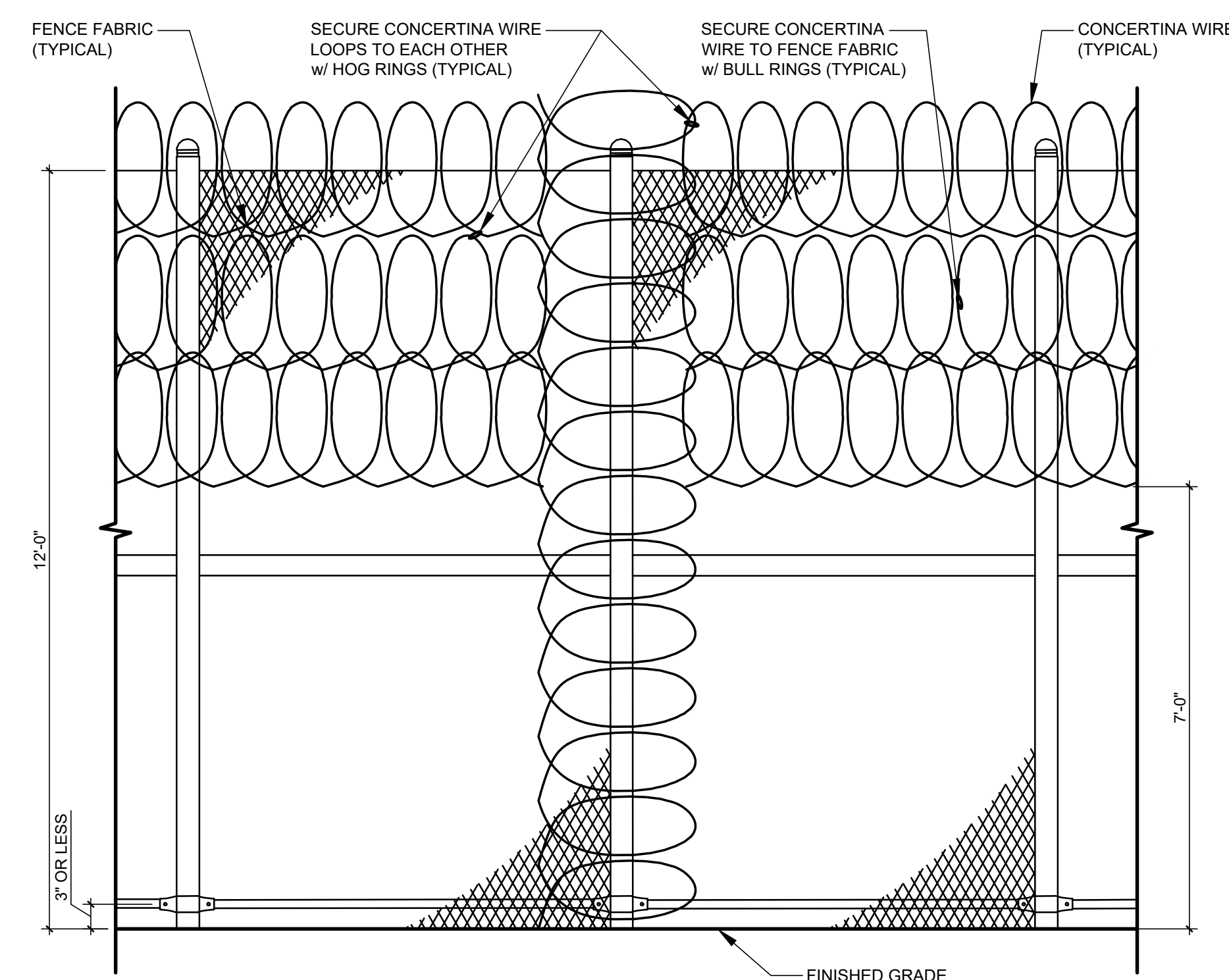
SHEET NUMBER:

AC2.1

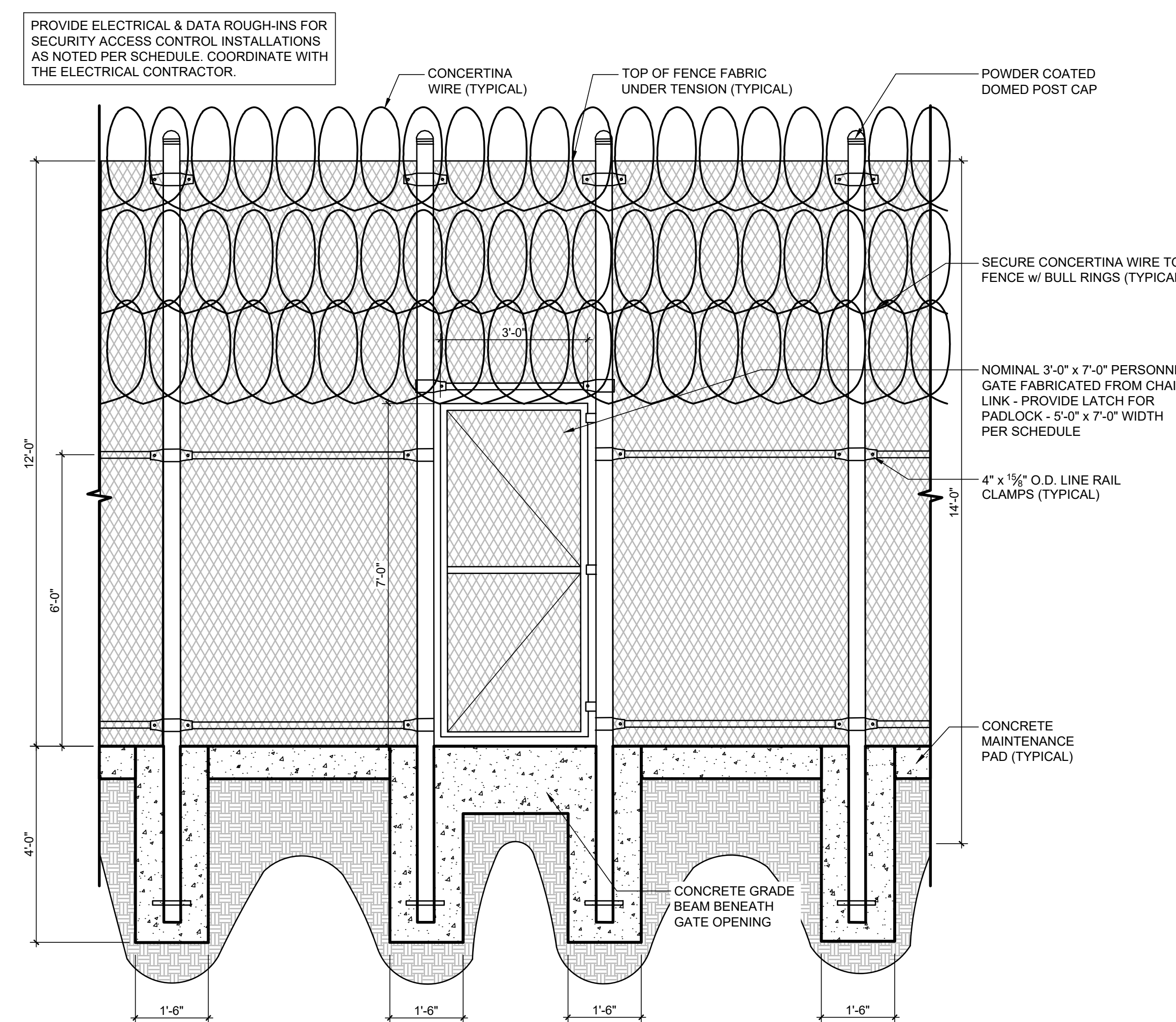
PROJECT NO.: 02401959.001



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



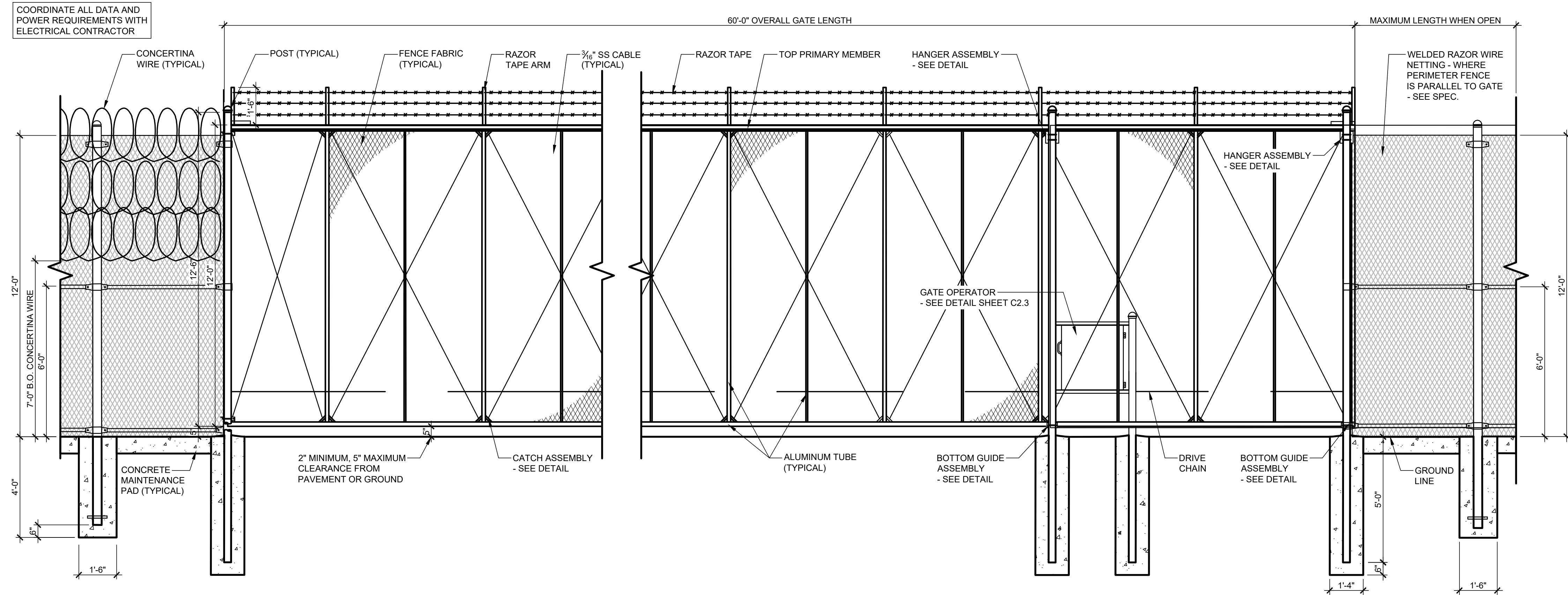
2 TYPICAL PERIMETER FENCE CORNER ELEVATION
SCALE: 1/2" = 1'-0"



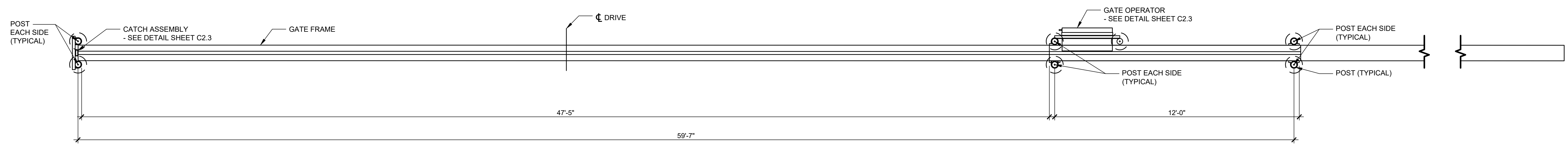
3 ELEVATION - TYPICAL 3'-0\"/>

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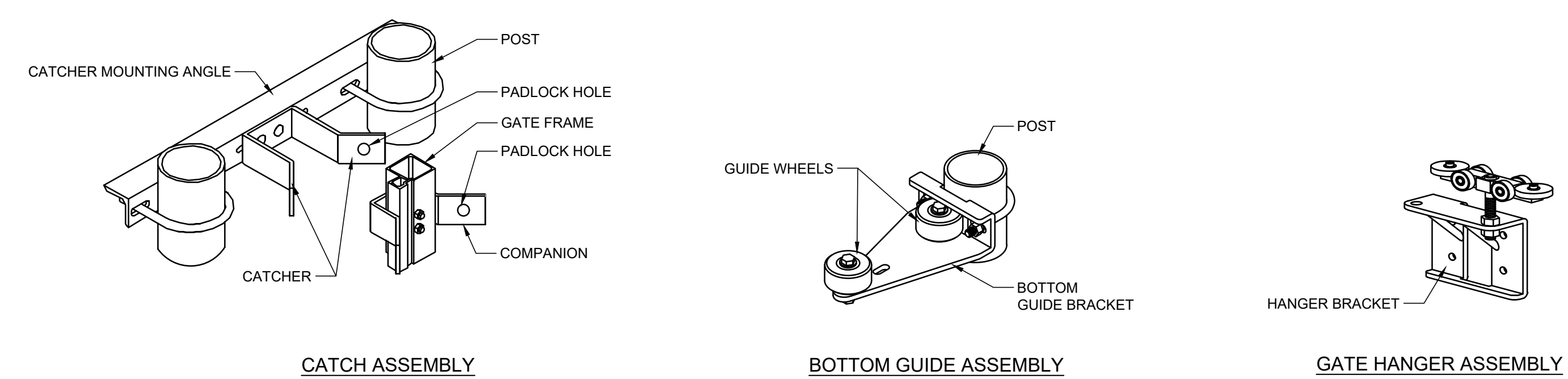
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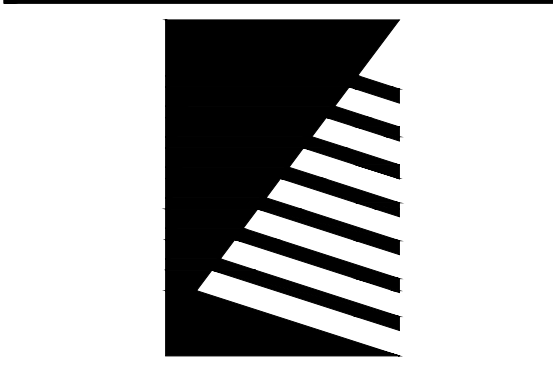
1 AUTOMATIC CANTILEVER GATE - ELEVATION
 SCALE: 3/8" = 1'-0"



2 AUTOMATIC CANTILEVER SLIDE GATE - PLAN
 SCALE: 3/8" = 1'-0"



3 GATE ASSEMBLY COMPONENTS
 SCALE: NOT TO SCALE



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ISSUE:
 # DATE: DESCRIPTION:

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PROJECT:
 State of Iowa

Newton Correctional Facility Iowa Prison Industries Phase II Perimeter Fence

Newton, Iowa

DATE: 06/01/2026
 DESIGNED: LS
 DRAWN: LS
 REVIEWED: LS
 DAS NO.: 9239.04

SHEET TITLE:
AUTOMATIC CANTILEVER GATE DETAILS

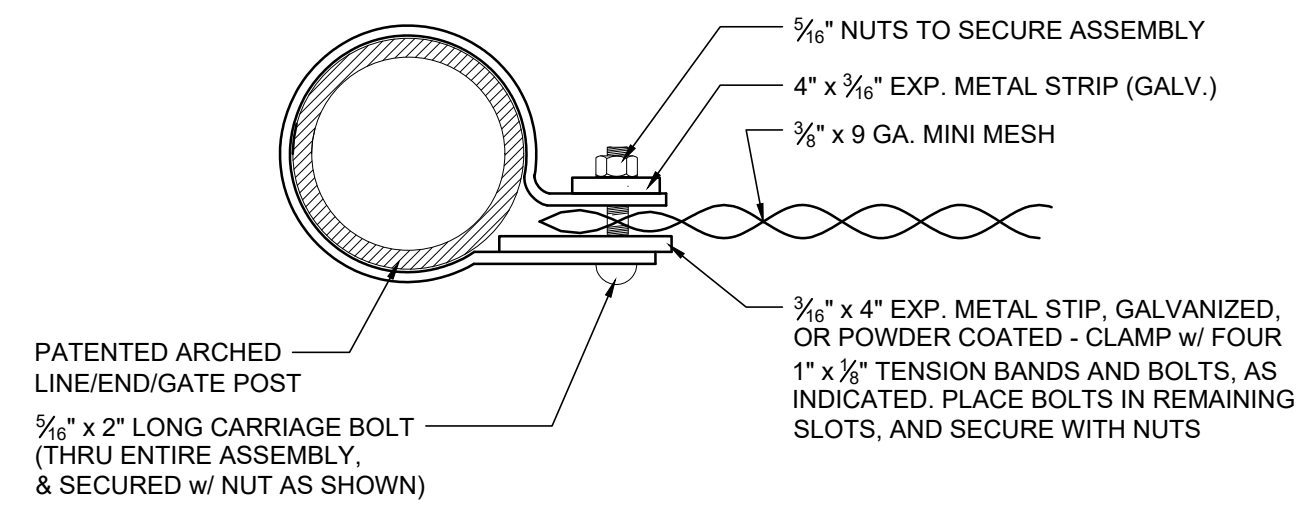
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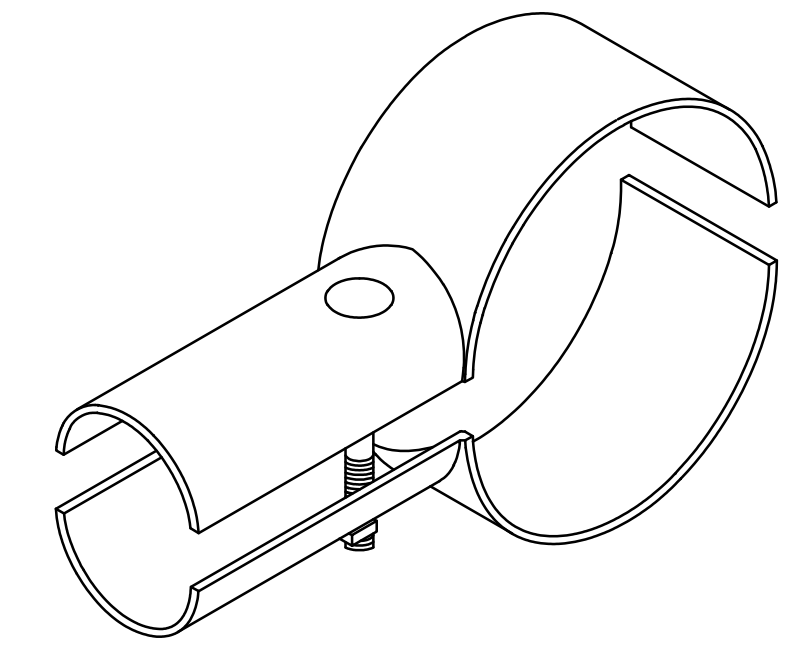
PROJECT NO.: 02401959.001

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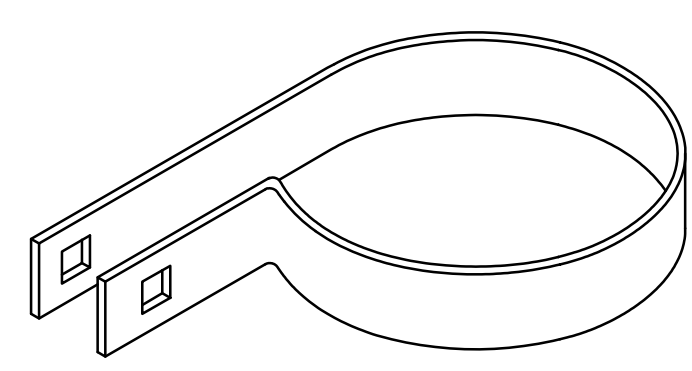
SPECIAL NOTE:
 ALL INFORMATION PROVIDED IN THESE DOCUMENTS CONCERNING ANY WORK DIRECTLY ASSOCIATED WITH THE PROVISION OF POWER AND SECURITY ACCESS CONTROLS TO ANY GATES NOTED TO RECEIVE SHALL BE COORDINATED WITH THE ELECTRICAL CONTRACTOR.



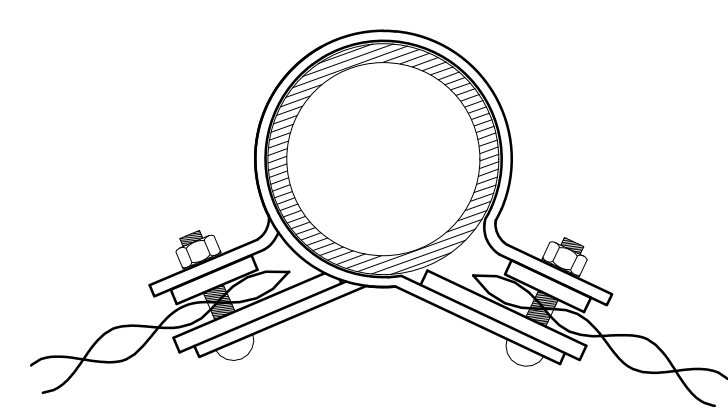
END ASSEMBLY



**END RAIL CLAMP
 POWDER COATED**

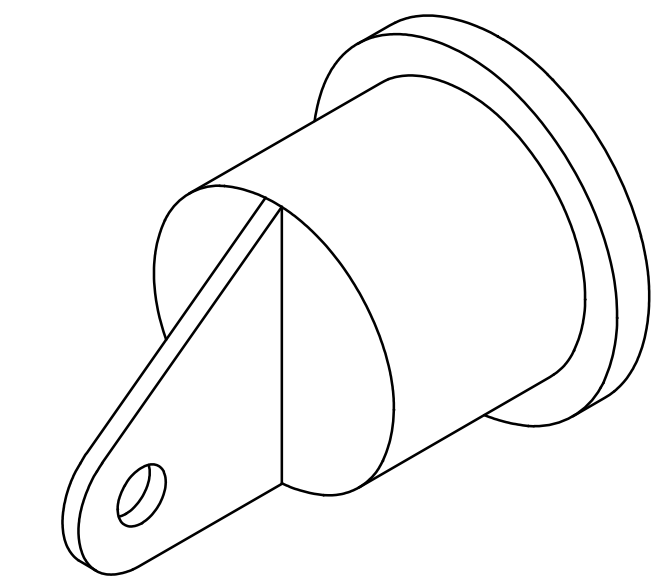


**TENSION BAND
 POWDER COATED**

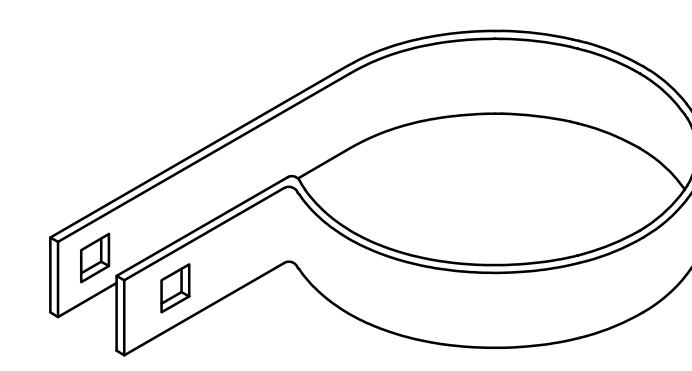


NOTE: CORNER AND END ASSEMBLIES REQUIRE SAME HARDWARE

CORNER ASSEMBLY

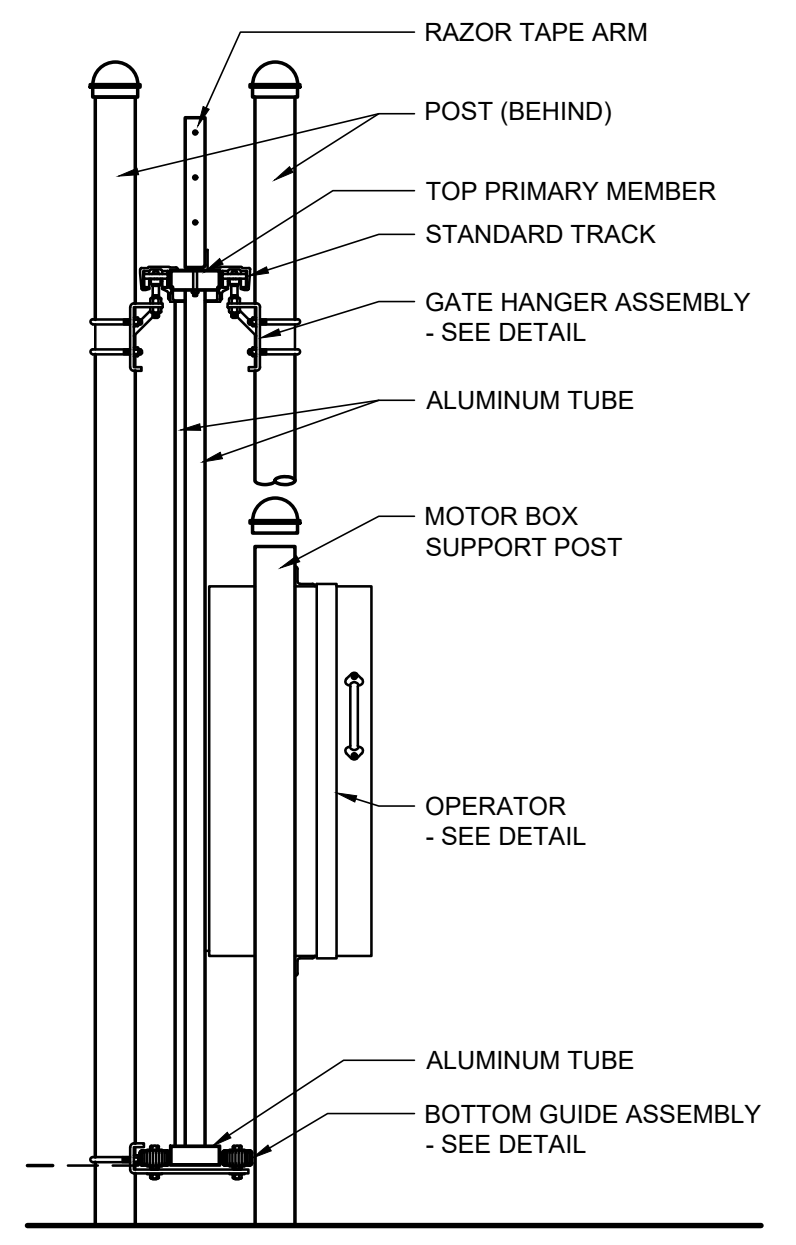


OFFSET RAIL END

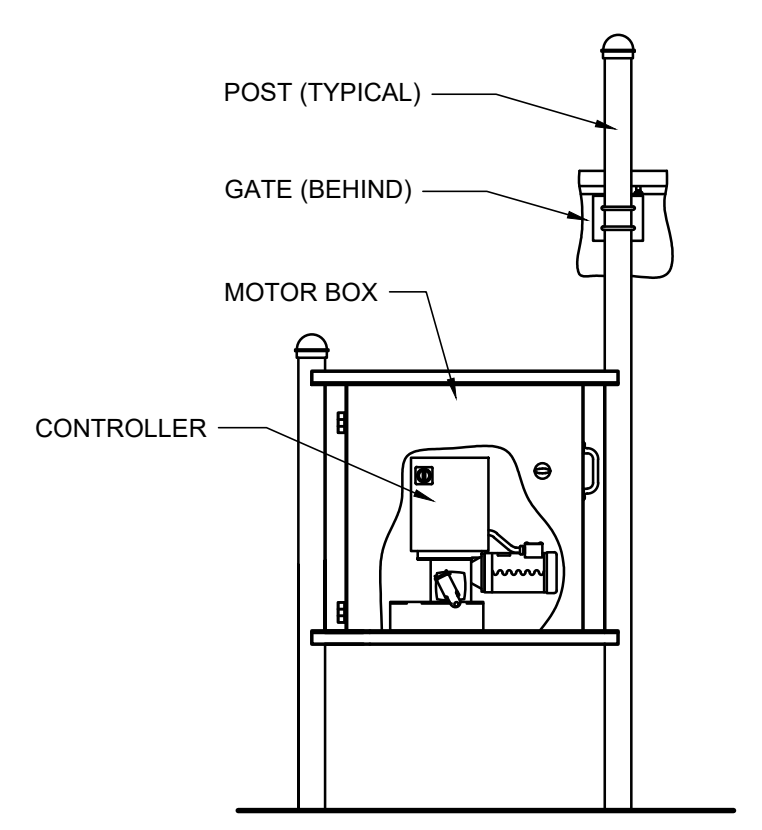


TENSION BAND

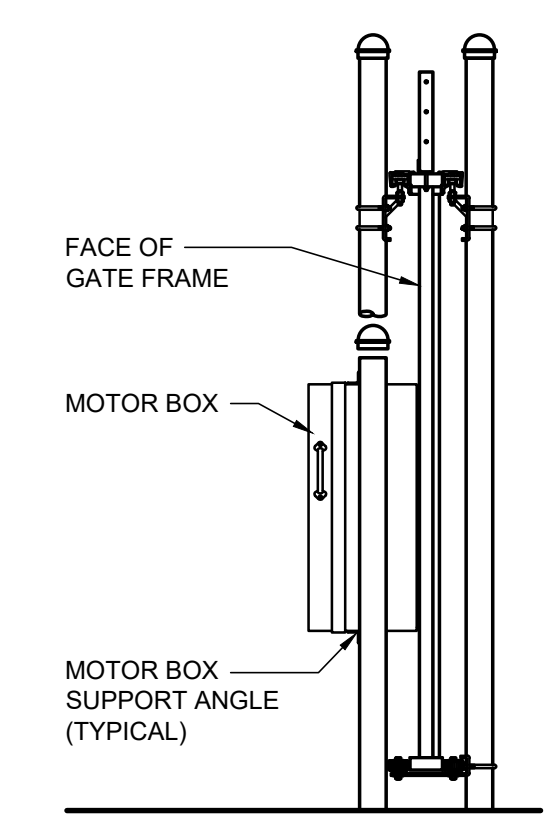
1 MISCELLANEOUS FENCE ASSEMBLY DETAILS
 SCALE: NOT TO SCALE



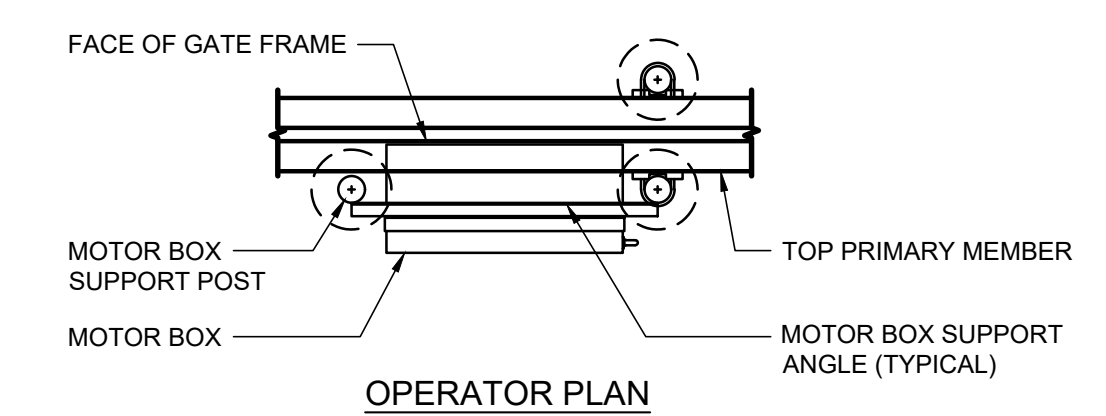
SECTION DETAIL



OPERATOR FRONT ELEVATION



OPERATOR SIDE ELEVATION



OPERATOR PLAN

2 MISCELLANEOUS CANTILEVER GATE DETAILS
 SCALE: NOT TO SCALE

100% Bid Documents

PROJECT:
 State of Iowa

Newton Correctional Facility Iowa Prison Industries Phase II Perimeter Fence

Newton, Iowa

DATE: 06/01/2026
 DESIGNED: LS
 DRAWN: LS
 REVIEWED: LS
 DAS NO.: 9239.04

SHEET TITLE:
MISCELLANEOUS CANTILEVER GATE & FENCE ASSEMBLY DETAILS

SHEET NUMBER:

AC2.3

PROJECT NO.: 02401959.001

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