

# FDCF SALLY PORT AUTOMATED GATE REPLACEMENT

## DAS PROJECT NO: 9505.00

### RFB: 950500-01

FORT DODGE CORRECTIONAL FACILITY  
1550 L ST.  
FORT DODGE, IA 50501

#### CONTACT INFORMATION

##### ENGINEER

SHIVE-HATTERY, INC.  
ATTN: CHRIS BAUER  
CBAUER@SHIVE-HATTERY.COM  
4125 WESTOWN PKWY, SUITE 100  
WEST DES MOINES, IA 50266  
515-223-8104

##### OWNER

IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES  
DIVISION OF BUSINESS AND PROPERTY SERVICES  
ATTN: JENNIE ELLIOTT  
JENNIE.ELLIOTT@IOWA  
109 SE 13TH STREET  
DES MOINES, IA 50319  
515-380-8049

##### CONSTRUCTION MANAGER

BOYD JONES CONSTRUCTION COMPANY  
ATTN: ROB GREINER  
RGREINER@BOYDJONES.BIZ  
11204 NW AURORA AVE.  
URBANDALE, IA 50322  
402-553-1804

##### SITE ADDRESS

FORT DODGE CORRECTIONAL FACILITY  
1550 L ST.  
FORT DODGE, IA 50501



VICINITY MAP  
NTS



PROJECT MAP  
NTS

#### Legend

EXISTING	DESCRIPTION	PROPOSED
	LIGHT POLE	
	BOLLARD	
	TRANSFORMER	
	CURB AND GUTTER (PCC)	
	ELECTRICAL LINE	
	GAS MAIN	
	SANITARY SEWER	
	STORM SEWER	
	WATER MAIN	
	BUILDING	
	PCC PAVING	
	PAVING DEMO	

#### GENERAL NOTES

- THE LOCATIONS OF UTILITY MAINS, STRUCTURES AND SERVICE CONNECTIONS PLOTTED ON THE DRAWINGS ARE APPROXIMATE ONLY AND WERE OBTAINED FROM RECORDS MADE AVAILABLE TO SHIVE-HATTERY, INC. THERE MAY BE OTHER EXISTING UTILITY MAINS, STRUCTURES AND SERVICE CONNECTIONS NOT KNOWN TO SHIVE-HATTERY, INC. AND NOT SHOWN ON THE DRAWINGS. THE VERIFICATION OF EXISTENCE OF AND THE DETERMINATION OF THE EXACT LOCATION OF UTILITY MAINS, STRUCTURES AND SERVICE CONNECTIONS SHALL BE THE RESPONSIBILITY OF THE CONSTRUCTION CONTRACTOR(S).
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL UNCOVER EXISTING UTILITIES AT CRITICAL LOCATIONS TO VERIFY EXACT HORIZONTAL AND VERTICAL LOCATION.
- THE FACILITY WILL COMPLETE PRIVATE UTILITY LOCATES OF ALL FACILITY UTILITIES REQUIRED BY IOWA ONE-CALL. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL LOCATES AND CONFIRM THEY ARE COMPLETED PRIOR TO THE START OF CONSTRUCTION.
- IOWA CODE 480, UNDERGROUND FACILITIES INFORMATION, REQUIRES VERBAL NOTICE TO IOWA ONE-CALL BY CALLING 811 OR 1-800-292-8989 NOT LESS THAN 48 HOURS BEFORE EXCAVATING, EXCLUDING WEEKENDS AND HOLIDAYS.
- NOTIFY UTILITY COMPANIES WHOSE FACILITIES ARE SHOWN ON THE PLANS OR KNOWN TO BE WITHIN THE CONSTRUCTION LIMITS OF THE SCHEDULE PRIOR TO EACH STAGE OF CONSTRUCTION.
- ALL UTILITY WORK, PUBLIC OR PRIVATE, SHALL BE DONE IN ACCORDANCE WITH SUDAS STANDARD SPECIFICATIONS AND CITY REQUIREMENTS.
- TRENCH, EXCAVATION AND BACKFILL SHALL FOLLOW DIVISION 3 SUDAS SPECIFICATION SECTIONS.
- UNLESS OTHERWISE SPECIFIED, ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF IOWA STATEWIDE URBAN DESIGN AND SPECIFICATIONS (SUDAS).
- ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY/COUNTY/STATE REGULATIONS/CODES AND OSHA STANDARDS.
- THE MEANS OF THE WORK AND THE SAFETY OF THE CONTRACTOR'S EMPLOYEES ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
- NO WORK SHALL BE PERFORMED BEYOND THE PROJECT LIMITS WITHOUT PRIOR AUTHORIZATION FROM THE OWNER'S REPRESENTATIVE.
- PROTECT EXISTING UTILITIES DURING CONSTRUCTION.
- MAINTAIN POSITIVE DRAINAGE ON THE SITE THROUGHOUT THE PROJECT DURATION.
- SITE CLEAN-UP SHALL BE PERFORMED ON A DAILY BASIS. DRIVES, ROADWAYS, ETC. SHALL BE KEPT CLEAN AT ALL TIMES.
- ALL OPEN EXCAVATIONS SHALL BE PROTECTED.
- REPAIR OR REPLACE DAMAGED SITE FEATURES (WALLS, PAVEMENT, UTILITIES, FENCES, ETC.) TO REMAIN AT NO ADDITIONAL EXPENSE TO THE STATE.
- ANY WORK REQUIRED TO COMPLETE THE SCOPE OF THIS PROJECT BUT NOT SPECIFICALLY CALLED OUT SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT. NO ADDITIONAL COMPENSATION TO BE ALLOWED FOR THE COMPLETION OF THIS WORK.
- WORK WHICH DOES NOT CONFORM TO THE REQUIREMENTS OF THE CONTRACT WILL BE CONSIDERED UNACCEPTABLE. UNACCEPTABLE WORK, WHETHER THE RESULT OF POOR WORKMANSHIP, USE OF DEFECTIVE MATERIALS, DAMAGE THROUGH CARELESSNESS OR ANY OTHER CAUSE FOUND TO EXIST PRIOR TO THE FINAL ACCEPTANCE OF THE WORK SHALL BE REMOVED AND REPLACED IN AN ACCEPTABLE MANNER AS REQUIRED BY THE OWNER'S REPRESENTATIVE AT THE CONTRACTOR'S EXPENSE. WORK DONE CONTRARY TO THE INSTRUCTIONS OF THE OWNER'S REPRESENTATIVE, WORK DONE BEYOND THE LINES SHOWN ON THE PLANS OR ANY EXTRA WORK DONE WITHOUT WRITTEN AUTHORIZATION WILL NOT BE PAID FOR.
- THE CONTRACTOR SHALL MATCH EXISTING GRADES AND SLOPES AND CONFIRM POSITIVE DRAINAGE ON ALL NEW AND ADJACENT PAVEMENT.
- STAGING LOCATIONS AND CONSTRUCTION ACCESS ROUTES FOR CONSTRUCTION EQUIPMENT AND MATERIALS SHALL BE COORDINATED WITH AND APPROVED BY THE FACILITY AND CONSTRUCTION MANAGER.
- ALL AREAS DISTURBED BY CONSTRUCTION SHALL RECEIVE A MINIMUM OF 6" OF TOPSOIL PER SUDAS SPECIFICATIONS. SEEDING WILL BE DONE BY THE FACILITY.
- CONTROL DUST SPREADING FROM ALL WORK AND STAGING AREAS.
- CONTRACTOR TO COORDINATE ANY SITE, UTILITY OR GRADE ADJUSTMENTS WITH THE CONSTRUCTION MANAGER PRIOR TO PROCEEDING WITH THE WORK.
- EACH PRIME CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF WORK OF ALL SUBCONTRACTOR(S) INVOLVED ON THE PROJECT.

#### Sheet List Table

Sheet Number	Sheet Title
C000	COVER SHEET
C001	CONSTRUCTION NOTES
CD01	EXISTING CONDITIONS AND DEMOLITION PLAN
C101	SITE PLAN
C102	SITE PHOTOS
C501	CONSTRUCTION DETAILS
C502	CONSTRUCTION DETAILS

#### CIVIL ENGINEER

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

03/02/2026  
SIGNATURE DATE

PRINTED OR TYPED NAME CHRISTOPHER BAUER

LICENSE NUMBER 19737

MY LICENSE RENEWAL DATE IS DECEMBER 31, 2027

PAGES, SHEETS OR DIVISIONS COVERED BY THIS SEAL  
ALL SHEETS

SHIVE-HATTERY ARCHITECTURE+ENGINEERING

800.798.0313 | SHIVE-HATTERY.COM

FDCF - SALLY PORT AUTOMATED GATE REPLACEMENT

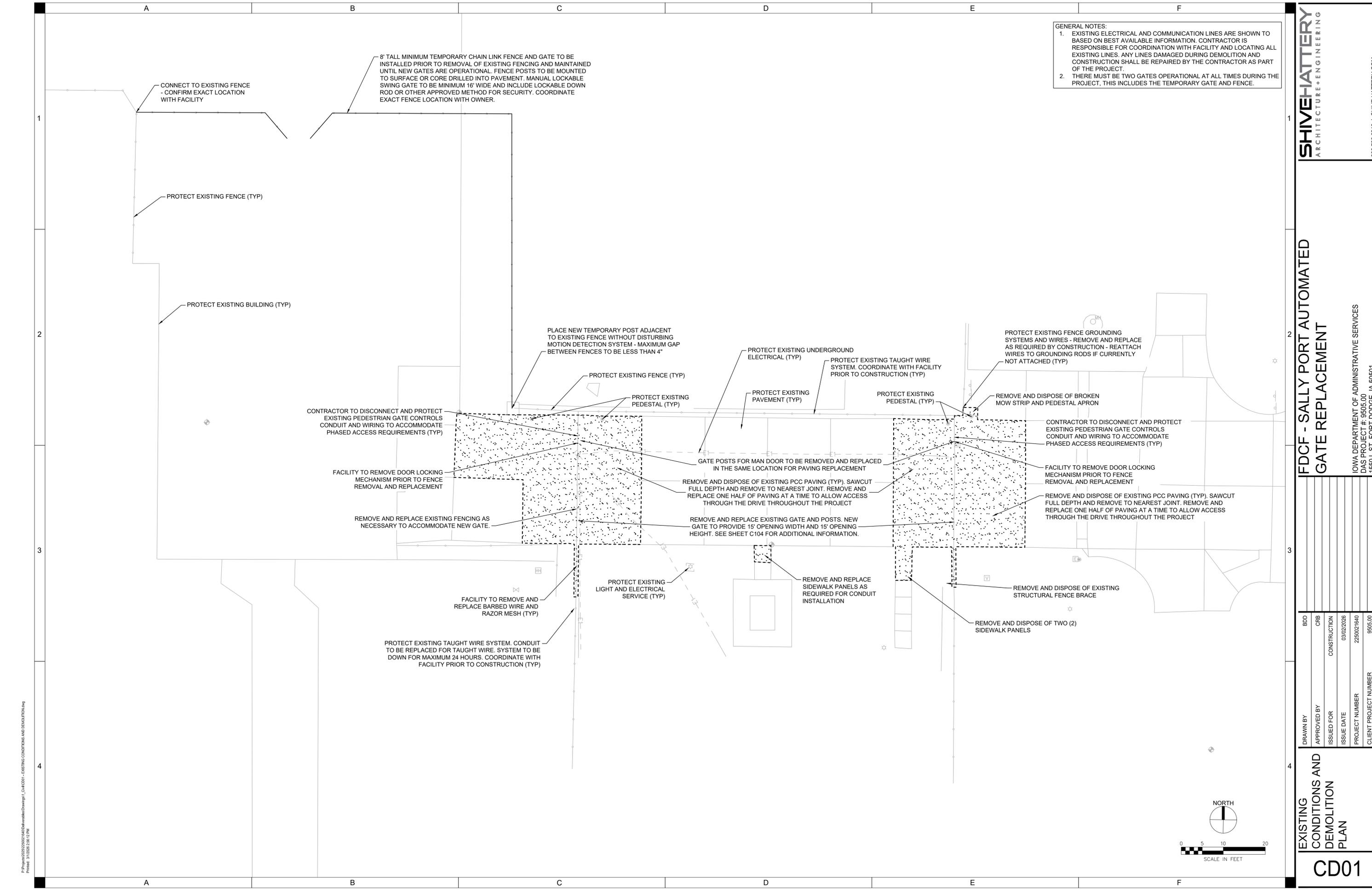
IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES  
DAS PROJECT #: 9505.00  
1550 L ST. FORT DODGE, IA 50501

DRAWN BY: BDD  
APPROVED BY: CRB  
ISSUED FOR: CONSTRUCTION  
ISSUE DATE: 03/02/2026  
PROJECT NUMBER: 2230021640  
CLIENT PROJECT NUMBER: 9505.00

COVER SHEET

C000





GENERAL NOTES:  
 1. EXISTING ELECTRICAL AND COMMUNICATION LINES ARE SHOWN TO BASED ON BEST AVAILABLE INFORMATION. CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH FACILITY AND LOCATING ALL EXISTING LINES. ANY LINES DAMAGED DURING DEMOLITION AND CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR AS PART OF THE PROJECT.  
 2. THERE MUST BE TWO GATES OPERATIONAL AT ALL TIMES DURING THE PROJECT, THIS INCLUDES THE TEMPORARY GATE AND FENCE.

8' TALL MINIMUM TEMPORARY CHAIN LINK FENCE AND GATE TO BE INSTALLED PRIOR TO REMOVAL OF EXISTING FENCING AND MAINTAINED UNTIL NEW GATES ARE OPERATIONAL. FENCE POSTS TO BE MOUNTED TO SURFACE OR CORE DRILLED INTO PAVEMENT. MANUAL LOCKABLE SWING GATE TO BE MINIMUM 16' WIDE AND INCLUDE LOCKABLE DOWN ROD OR OTHER APPROVED METHOD FOR SECURITY. COORDINATE EXACT FENCE LOCATION WITH OWNER.

CONNECT TO EXISTING FENCE - CONFIRM EXACT LOCATION WITH FACILITY

PROTECT EXISTING FENCE (TYP)

PROTECT EXISTING BUILDING (TYP)

CONTRACTOR TO DISCONNECT AND PROTECT EXISTING PEDESTRIAN GATE CONTROLS CONDUIT AND WIRING TO ACCOMMODATE PHASED ACCESS REQUIREMENTS (TYP)

FACILITY TO REMOVE DOOR LOCKING MECHANISM PRIOR TO FENCE REMOVAL AND REPLACEMENT

REMOVE AND REPLACE EXISTING FENCING AS NECESSARY TO ACCOMMODATE NEW GATE.

FACILITY TO REMOVE AND REPLACE BARBED WIRE AND RAZOR MESH (TYP)

PROTECT EXISTING TAUGHT WIRE SYSTEM. CONDUIT TO BE REPLACED FOR TAUGHT WIRE. SYSTEM TO BE DOWN FOR MAXIMUM 24 HOURS. COORDINATE WITH FACILITY PRIOR TO CONSTRUCTION (TYP)

PLACE NEW TEMPORARY POST ADJACENT TO EXISTING FENCE WITHOUT DISTURBING MOTION DETECTION SYSTEM - MAXIMUM GAP BETWEEN FENCES TO BE LESS THAN 4"

PROTECT EXISTING FENCE (TYP)

PROTECT EXISTING PEDESTAL (TYP)

PROTECT EXISTING UNDERGROUND ELECTRICAL (TYP)

PROTECT EXISTING PAVEMENT (TYP)

PROTECT EXISTING TAUGHT WIRE SYSTEM. COORDINATE WITH FACILITY PRIOR TO CONSTRUCTION (TYP)

PROTECT EXISTING PEDESTAL (TYP)

PROTECT EXISTING FENCE GROUNDING SYSTEMS AND WIRES - REMOVE AND REPLACE AS REQUIRED BY CONSTRUCTION - REATTACH WIRES TO GROUNDING RODS IF CURRENTLY NOT ATTACHED (TYP)

REMOVE AND DISPOSE OF BROKEN MOW STRIP AND PEDESTAL APRON

CONTRACTOR TO DISCONNECT AND PROTECT EXISTING PEDESTRIAN GATE CONTROLS CONDUIT AND WIRING TO ACCOMMODATE PHASED ACCESS REQUIREMENTS (TYP)

FACILITY TO REMOVE DOOR LOCKING MECHANISM PRIOR TO FENCE REMOVAL AND REPLACEMENT

REMOVE AND DISPOSE OF EXISTING PCC PAVING (TYP). SAWCUT FULL DEPTH AND REMOVE TO NEAREST JOINT. REMOVE AND REPLACE ONE HALF OF PAVING AT A TIME TO ALLOW ACCESS THROUGH THE DRIVE THROUGHOUT THE PROJECT

GATE POSTS FOR MAN DOOR TO BE REMOVED AND REPLACED IN THE SAME LOCATION FOR PAVING REPLACEMENT

REMOVE AND DISPOSE OF EXISTING PCC PAVING (TYP). SAWCUT FULL DEPTH AND REMOVE TO NEAREST JOINT. REMOVE AND REPLACE ONE HALF OF PAVING AT A TIME TO ALLOW ACCESS THROUGH THE DRIVE THROUGHOUT THE PROJECT

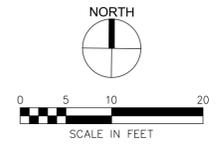
REMOVE AND REPLACE EXISTING GATE AND POSTS. NEW GATE TO PROVIDE 15' OPENING WIDTH AND 15' OPENING HEIGHT. SEE SHEET C104 FOR ADDITIONAL INFORMATION.

PROTECT EXISTING LIGHT AND ELECTRICAL SERVICE (TYP)

REMOVE AND REPLACE SIDEWALK PANELS AS REQUIRED FOR CONDUIT INSTALLATION

REMOVE AND DISPOSE OF EXISTING STRUCTURAL FENCE BRACE

REMOVE AND DISPOSE OF TWO (2) SIDEWALK PANELS



**FDCF - SALLY PORT AUTOMATED GATE REPLACEMENT**

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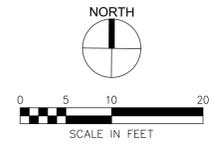
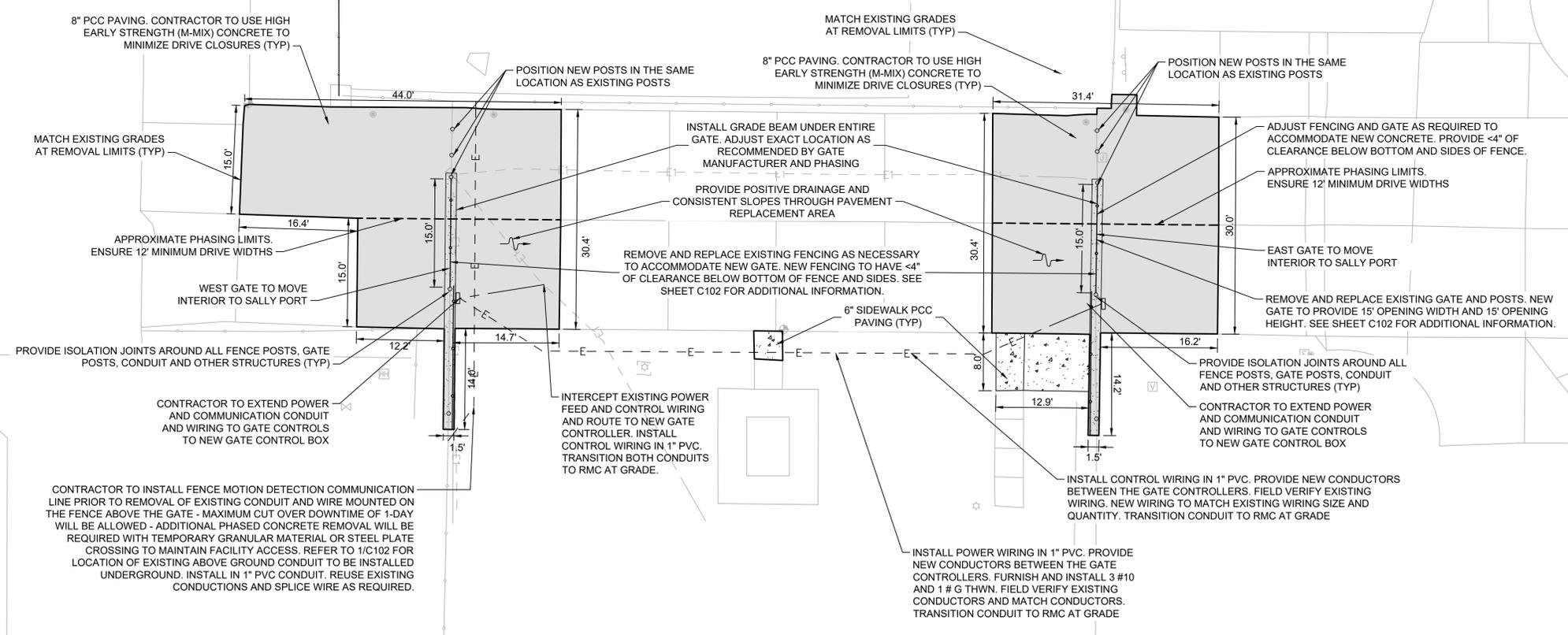
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ISSUED FOR	CONSTRUCTION
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PROJECT NUMBER	2250021640
CLIENT PROJECT NUMBER	9605.00

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NOTE: SEE PROJECT MAP ON SHEET C000 FOR PROJECT LOCATION

- PHASING NOTES:
- BOTH GATES WILL BE REQUIRED TO BE CONSTRUCTED IN TWO PHASES EACH TO MAINTAIN CONTINUOUS EMERGENCY ACCESS TO THE FACILITY AT ALL TIMES
  - CONTRACTOR TO PROVIDE MEANS TO ALLOW EMERGENCY VEHICLE ACCESS INTO THE FACILITY AT ALL TIMES WITH GRANULAR MATERIAL OR STEEL PLATES AVAILABLE ADJACENT TO AREAS OF ACTIVE TRENCHING OR CONCRETE REMOVAL
  - MEANS OF EMERGENCY VEHICLE ACCESS MUST BE PROVIDED AT ALL TIMES WHEN CONSTRUCTION IS NOT ACTIVELY BEING COMPLETED OR CONTRACTOR PERSONNEL ARE NOT ONSITE
  - POWER MAY BE REMOVED TO BOTH GATES DURING CONSTRUCTION BY CONTRACTORS MEANS AND METHODS WITH GATES TO BE OPERATED MANUALLY.
  - TWO (2) SECURITY BARRIERS MUST BE PROVIDED AT ALL TIMES. INSTALL TEMPORARY FENCE AND SWING GATES PRIOR TO REMOVAL OF EXISTING GATE.

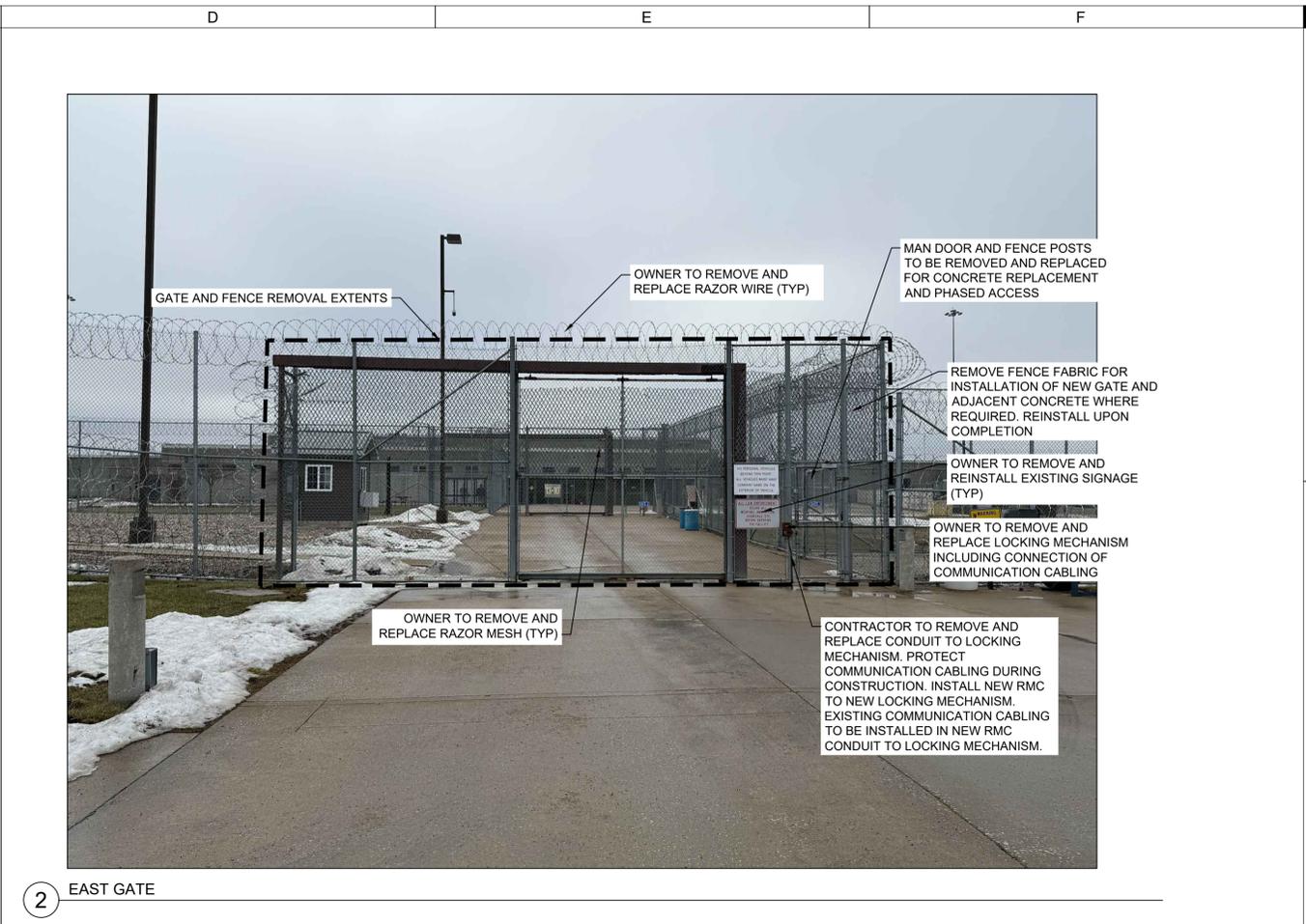
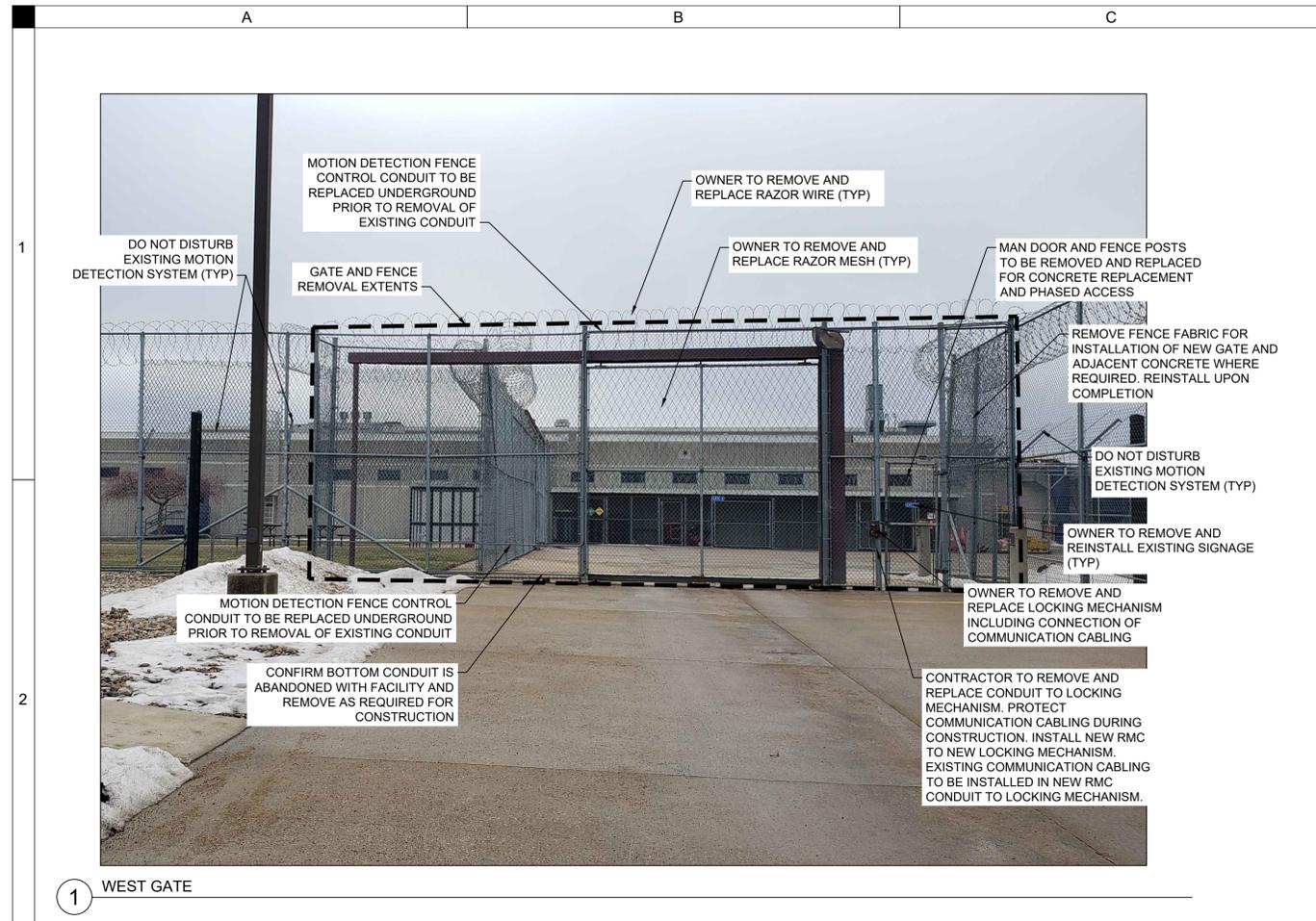


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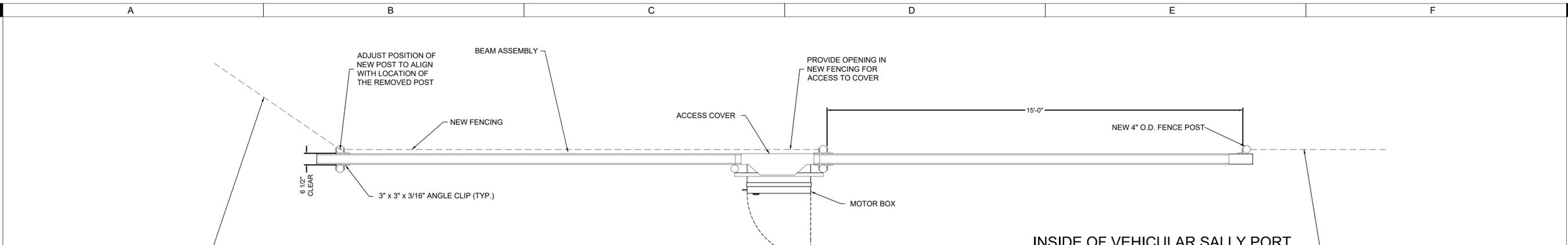
SITE PHOTOS



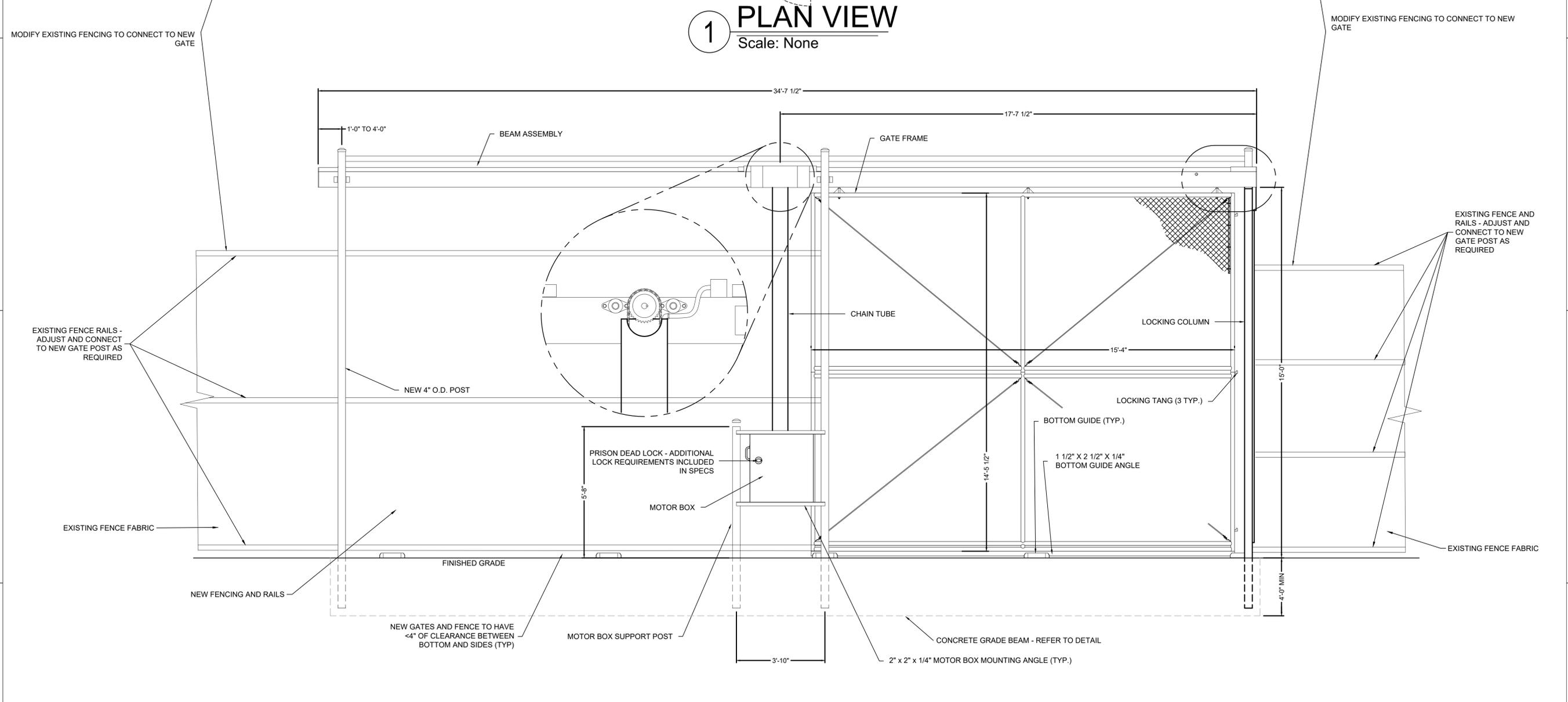
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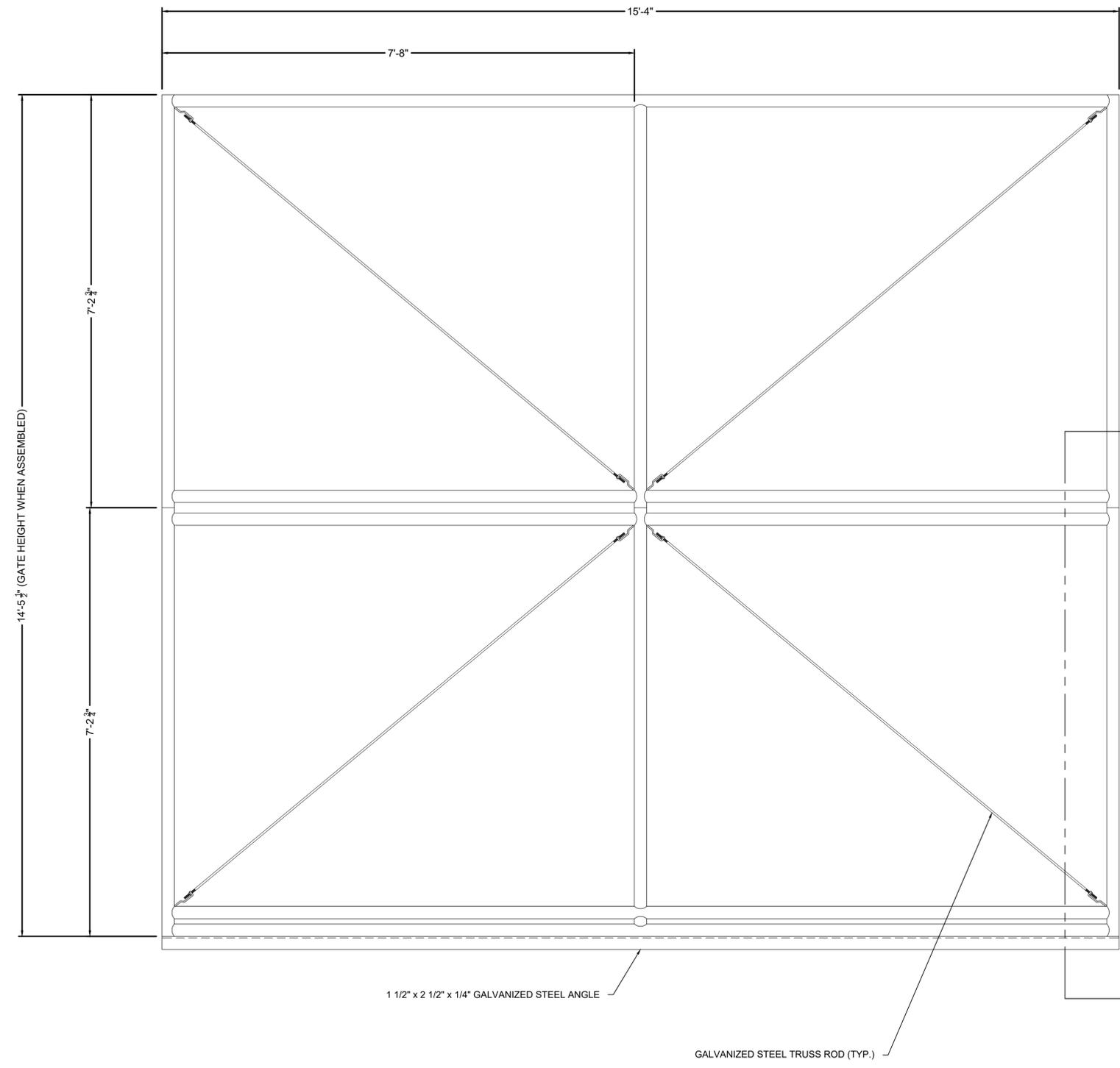
**1 PLAN VIEW**  
Scale: None



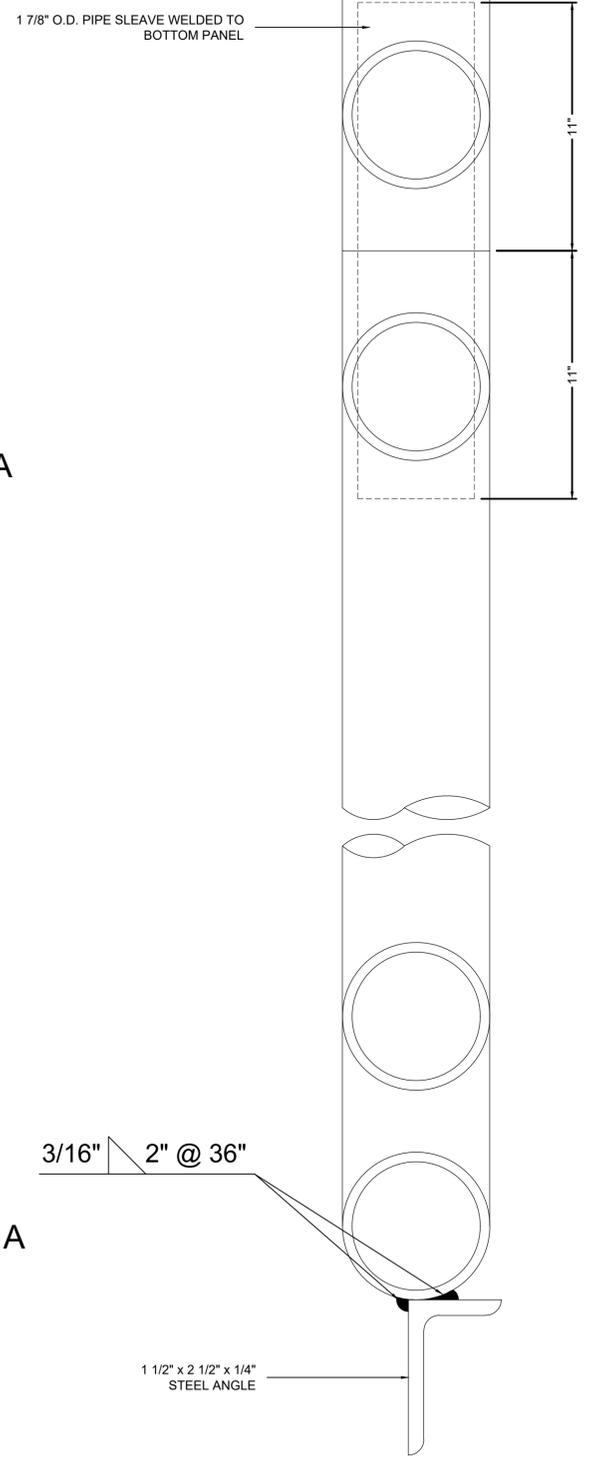
**2 ELEVATION - EAST AND WEST GATE**  
Scale: None



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- NOTES:**
1. GATE FRAME SECTIONS WILL BE WELDED TOGETHER IN THE FIELD.
  2. UNLESS NOTED OTHERWISE, ALL GATE FRAME MEMBERS ARE 2 3/8" O.D. GALVANIZED STEEL PIPE.



**SECTION "A-A"**  
Scale: None

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**CONSTRUCTION  
DETAILS**

**C501**