

## **EXHIBIT - B**

### **Scope of Work**



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#### **Purpose/Background:**

Contractor shall provide a total “turnkey” project including all necessary equipment, materials, and installation services. The project site is at the Boulder County Communications Center located at 3280 Airport Rd, Boulder, CO 80301. The project is expected to complete by the end of third quarter 2025.

#### **INSURANCE REQUIREMENTS:**

The insurance requirements are specified in the Exhibit A attachment. Current Insurance Certificates must be on file with the Public Works Department prior to any work relating to this Project commencing.

All hired contractors are required to meet the insurance requirements, as stated, for contracted services as part of the Boulder County contracting process. Owner/Sole Proprietors/Officer are not Exempt from the county’s insurance requirements and coverage limits. Please refer to the Insurance Requirements in this BID.

#### **PAYMENT & PERFORMANCE BONDS:**

**Both a payment and a performance bond are required for this project and must each equal 100% of the proposed cost. Please include the cost of this bonding into the total proposed cost**



**Boulder County Purchasing  
1325 Pearl Street  
Boulder, CO 80302**

## **SPECIFICATIONS**

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**The scope of work for the Boulder County Communications Center Fencing Project includes, but is not necessarily limited to:**

- a. Utility locates and layout
- b. Sawcut and remove concrete for recycle or disposal.
- c. Spoils haul-off
- d. Core drilling
- e. Form, reinforce and place slide gate channels
- f. All concrete for posts and bollards
- g. Required site work, grading
- h. All fence, posts, gates, operators, and hardware per plans
- i. Supply and install of bollards
- j. Pedestrian gates by same manufacturer as fence

**Exclusions:**

All electrical and data is by Boulder County Building Services

A city permit for the project is in place and held by Boulder County

Taxes - The contractor will be responsible for submitting the state tax exemption form, [DR 0172](#)-Contractor Application for Exemption Certificate, in order to gain exemption for sales and use. A copy of the County tax-exempt certificate will be issued to the contractor.

### **SITE LOGISTICS:**

The contractor and all associated subcontractors are expected to keep entrances and exits accessible to the building users at all times unless approved by the County prior to blocking off.

**Staging Area:**

The contractor shall keep any staging area materials or equipment out of the way of the public or public passage and all materials and/or equipment should remain in the indicated area of operation that will be outlined by the County prior to the project starting.

**Electric service:**

There will not be any electrical provided onsite for contractor use during the demolition or construction of the fence.



9152 MARSHALL PLACE  
WESTMINSTER, CO 80031  
Phone (720) 692-6291  
www.Jonescfc.com



## PROPOSAL

FOR:	Boulder County Communications Center	ESTIMATE NO:	JCF-23-01
AT:	Boulder County Building Services	DATE:	7/10/2025
ATTENTION:	Purchasing Department	FAX #	
EMAIL:	procurement@bouldercounty.gov	PHONE #	
SPECIFICATIONS BY:	Drexel, Barrell & Co.	ADDENDUM:	1, 2
DRAWING NO.	Fence Permit Plans in entirety	DATED:	6/25, 7/3
DATED:	4/29/25		

### Scope of Work

We hereby submit specifications and estimates for:

LABOR AND MATERIAL:

#### ITEM #1: ALL FENCE, POSTS, GATES, OPERATORS, AND HARDWARE PER PLANS

ITEM #1: FURNISH AND INSTALL APPROX 1,600 LF OF 8'H 2-RAIL AMERISTAR MONTAGE II INVINCIBLE FENCE. INCLUDES 4" POSTS SET IN CONCRETE FOOTERS. INCLUDES CROSSBARS AT SWALE CROSSING PER DETAIL (SHEET C3.1)

ITEM #2: FURNISH AND INSTALL (1) 8' WIDE DOUBLE DRIVE GATE WITH STANDARD HINGES AND LOCKABLE LATCH.

ITEM #3: FURNISH AND INSTALL (1) 10' WIDE DOUBLE DRIVE GATE WITH STANDARD HINGES AND LOCKABLE LATCH.

ITEM #4: FURNISH AND INSTALL (2) 12' WIDE DOUBLE DRIVE GATES WITH STANDARD HINGES AND LOCKABLE LATCHES.

ITEM #5: FURNISH AND INSTALL (2) AMERISTAR SINGLE EXODUS STEEL SECURITY SWING GATES WITH INVINCIBLE STYLE HEADERS AND SCHEDULED HARDWARE. (EXCLUDES ANY POWER/ACCESS CONTROL)

ITEM #6: INSTALL (3) AUTOMATED TRANSPORT II GATES NOMINAL OPENINGS OF (1) 12' AND (2) 14'. SEE GATE SCOPE BELOW. (EXCLUDES ANY POWER/ACCESS CONTROL)

INCLUDES DEMO OF EXISTING FENCE AFTER SECURING PERIMETER.

INCLUDES HAUL OFF OF SPOILS.

**SUB TOTAL: \$349,109**

#### ITEM #2: BOLLARDS

ITEM #1: FURNISH AND INSTALL (24) 8" X 3' CONCRETE-FILLED SCH 40 PIPE BOLLARDS WITH YELLOW HIGH-DENSITY POLYETHYLENE THERMOPLASTIC BOLLARD COVERS.

EXCLUDES GUARDRAIL BOLLARDS. SEE ALTERNATE #1.

**SUB TOTAL: \$23,167**

#### ITEM #3: CONCRETE SITEWORK

ITEM #1: FURNISH AND INSTALL (3) CONCRETE SLIDE GATE CHANNELS PER DETAILS ON SHEET C3.1. INCLUDES EXCAVATION, BACKFILL, FORMING, POURING, AND PLACEMENT. INCLUDES CURB CUTS, DEMO, AND HAUL OFF.

ITEM #2: RIBBON CURB REPLACEMENT. INCLUDES EXCAVATION, BACKFILL, FORMING, POURING, AND PLACEMENT. INCLUDES CURB CUT, DEMO, AND HAUL OFF.

SUB TOTAL:	\$25,858	
BASE BID:	\$398,133	P&P BOND - 3%: \$11,944.00

ALTERNATE #3: CURB CUT AT NW PROPERTY

ITEM #1: CUT CURB LOCATED AT NW AREA OF SITE. INCLUDES DEMO AND HAUL OFF.

SUB TOTAL:	\$4,816	
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INCLUDES ONE MOBILIZATION; ANY ADDITIONAL ADD \$1500 EACH

EXCLUSIONS

REMEDICATION OF LANDSCAPING, POTHOLING WITHIN 3' OF EXISTING UTILITIES, HANDIGGING AND HYDROVACING; EXPORT OF MATERIALS; FINAL GRADING; STAKING; SURVEY; MARKING OF GATE LOCATIONS; ANY CONCRETE OR ASPHALT CORE DRILLING; ANY LOCKSETS FOR GATES; PANIC HARDWARE; COST OF PERMIT; ANY X-RAYING OF CONCRETE; CONCRETE TESTING; ENGINEERING; BONDS; CERTIFIED PAYROLL; DAMAGE TO SPRINKLERS; CONCRETE MOW STRIPS; GROUNDING RODS FOR FENCE; PRIVATE LOCATES; SNOW REMOVAL; JCF EXCLUDES PROTECTION OF POSTS AFTER PLACEMENT FROM DAMAGE BY OTHERS.

LOCATING OF ALL UNDERGROUND UTILITIES AND SPRINKLER LINES IS THE RESPONSIBILITY OF THE OWNER/GENERAL CONTRACTOR. JCF RESERVES THE RIGHT TO NOT INSTALL POSTS UNTIL FINAL GRADE IS WITHIN +/- 1/10"

SALES TAX EXEMPT



## **Qualifications of proposal**

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### **SCOPE OF WORK AT GATES TO INCLUDED**

(3) SINGLE SLIDE GATE SYSTEMS ASTM F1184-94 TYPE II CLASS 2 FULL CANTILEVER WITH ENCLOSED TRACK AND INTERNAL TRUCKS, NOMINAL OPENINGS OF 12'X8' AND 14'X8'. OPEN ACTIVATION BY DIGITAL KEYPAD/CARD READER (BY OTHERS), CLOSE ACTIVATION BY AUTOMATIC TIMER AND EXIT OPEN ACTIVATION BY FREE EXIT LOOP. VEHICLE ENTRAPMENT PROTECTION BY SAWCUT IMBEDDED VEHICLE SENSING LOOPS, PEDESTRIAN ENTRAPMENT PROTECTION BY PHOTO EYE AND SAFETY EDGES. FIRE DEPARTMENT ACCESS BY KNOX KEY SWITCH.

### **FURNISH TO YOUR FACILITIES**

- PROPERLY LOCATE MOTOR OPERATORS IN RELATIONSHIP TO GATE PANEL AND SECURLY FASTEN TO MOUNTING POSTS
- PROPERLY LOCATE AND PERMANENTLY AFFIX DRIVE CHAIN TO GATE PANEL
- SAW-CUT AND INSTALL VEHICLE LOOPS
- ELECTICAL CONTROL CONNECTIONS, FINAL ADJUSTMENTS AND TUNE UP OF EQUIPMENT
- FABRICATION AND INSTALLATION OF THE GATES
- INSTALLATION OF THE PHOTO-EYES

### **WORK BY OTHERS**

- ELECTICAL CONTRACTOR, TO BE RESPONSIBLE FOR ALL TRENCHING, BORING, BACKFILLING, PATCHING, WALL AND ENCLOSURE PENETRATIONS FOR CONDUIT RUNS. FURNISH AND INSTALL ALL CONDUITS, FITTINGS AND HARDWARE NECESSARY FOR POWER, CONTROL, DATA, COMMUNICATION WIRING.
- FURNISH AND INSTALL ALL REQUISITE EARTH GROUND COMPONENTS. PROPERLY TERMINATE CONDUITS TO ENCLOSURES. ALL EMPTY CONDUITS TO BE LEFT WITH A PULL STRING FOR FUTURE USE.
- FURNISH AND INSTALL ALL WIRE AND ALL ASSOCIATED COMPONENTS AS NEEDED TO SUPPLY REQUISITE LINE VOLTAGE CIRCUITS TO DESIGNATED LOCATIONS.
- ELECTRICAL POWER SUPPLY, TELEPHONE LINE SUPPLY, CONDUIT, WIRE AND WIRE PULLING TO AND BETWEEN OPERATORS AND ALL CONTROLS.

Restroom service:

The contractor is responsible for providing their own temporary restroom facilities for the Project. The County will direct contractor on where to place unit, if utilized.

Water service:

Water for construction use will be made available to the contractor.

Concrete washout:

All work requiring deliveries of ready-mix concrete will require a concrete washout. Prior to work commencing, the contractor is responsible for providing and maintaining an approved concrete washout system. Concrete washout water and solids are to be recycled when possible.

**HOURS OF OPERATION:**

Contractor work hours shall be designated as Monday through Friday, 7:00 a.m. to 5:30 p.m. Work on Saturdays and Sundays, nights, and designated Federal Holidays shall not be allowed unless approved, in writing, by the County.

**PRE-CONSTRUCTION MEETING:**

The BCBS Project Manager (PM) will schedule the pre-construction meeting in consultation with the contractor prior to the start of the Project. The pre-construction meeting is anticipated to last one (1) hour and will take place on location at Project site or at a mutually agreed upon alternative site.



**Boulder County Purchasing**  
**1325 Pearl Street**  
**Boulder, CO 80302**  
[procurement@bouldercounty.gov](mailto:procurement@bouldercounty.gov)

## **BID TAB**

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Provide a price for one and/or each item as listed below. Work shall be awarded based on the most responsible Bid that best satisfies the requirements of the project, not necessarily on the lowest price. Boulder County reserves the right to make the award based on the Bid deemed most favorable to the County, to waive any informalities, or to reject any or all Bids.

**All work described in the Drawings, Specifications and Addenda for this project:**

**ITEM #1: All fence, posts, gates, operators, and hardware per plans-** Work consists of all labor and materials required for a turnkey product including demo of existing fence sections.

THREE HUNDRED FORTY-NINE THOUSAND ONE HUNDRED NINE dollars (\$ 349,109.00 )

Duration 19 Working Days

**ITEM #2: Bollards** - Work consists of all labor and materials required for installing concrete-filled bollards as shown on the project drawings.

TWENTY-THREE THOUSAND ONE HUNDRED SIXTY-SEVEN dollars (\$ 23,167.00 )

Duration 6 Working Days

**Item #3: Concrete Sitework** - Work consists of all saw-cutting, demo, excavation and concrete flatwork for curb cut and slide gate channels.

TWENTY-FIVE THOUSAND EIGHT HUNDRED FORTY dollars (\$ 25,858.00 )

**Alternates:** Provide a separate page for any proposed alternates, with description of alternate and impact to cost or timing of work.

## ALTERNATES

### ~~ALTERNATE #1: GUARDRAIL~~

~~FURNISH AND INSTALL APPROX 30 LF OF 60" HIGH GUARDRAIL COMPRISED OF 8" CONCRETE FILLED PIPE BOLLARDS WITH (2) C8X11.5 CHANNEL RAILS WELDED TO FACE. EXCLUDES PAINTING~~

~~\$12,840.00 3 DAYS~~

### ~~ALTERNATE #2: STRIPING~~

~~INSTALL STRIPING FOR (10) PARKING LOT STALLS.~~

~~\$3,543.00~~

### ~~ALTERNATE #3: CURB CUT - NW PROPERTY~~

~~CUT CURB LOCATED AT NW AREA OF SITE. INCLUDES DEMO AND HAUL OFF.~~

~~\$4,816.00~~

### ~~ALTERNATE #4: SPEED BUMPS~~

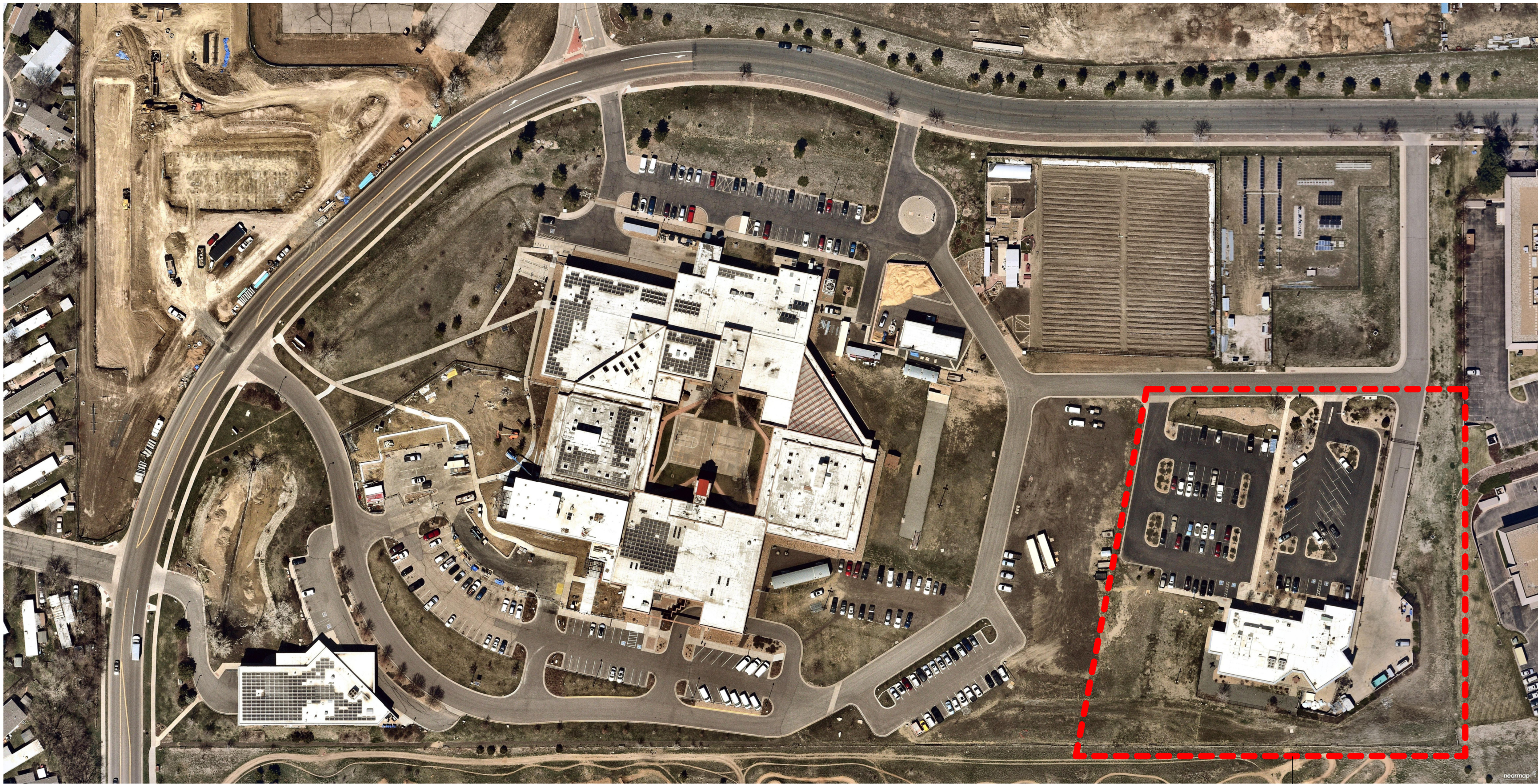
~~FURNISH AND INSTALL (3) 15' SPEED BUMPS PER PLANS.~~

~~\$8,959.00 1 DAY~~



# BOULDER COUNTY JAIL COMMUNICATIONS CENTER

FENCING PERMIT PLANS  
APRIL 28, 2025



PROJECT LOCATION

NORTH



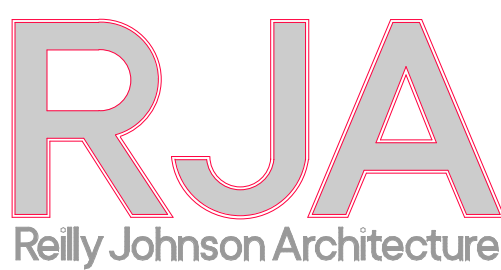
**DRAWING INDEX BOULDER COUNTY JAIL COMMUNICATIONS CENTER**

**CIVIL**

- C1.0 COVER SHEET & NOTES
- C2.0 CIVIL SITE PLAN
- C3.0 DETAILS
- C3.1 DETAILS

**ARCHITECTURAL**

- A00.1 GENERAL INFORMATION & INDEX
- A1.1 OVERALL SITE DEVELOPMENT PLAN
- A1.2 SITE PLAN - PHASE 1 FENCING
- A1.4 ENLARGED GATE PLANS AND ELEVATIONS - PHASE 1
- A1.5 ENLARGED GATE PLANS AND ELEVATIONS - PHASE 1
- A1.6 ENLARGED GATE PLANS AND ELEVATIONS - PHASE 1
- A1.7 ENLARGED GATE PLANS AND ELEVATIONS - PHASE 1
- A1.8 ENLARGED GATE PLANS AND ELEVATIONS - PHASE 1
- A1.20 ENLARGED FENCE DETAILS



**PRIME ARCHITECT**  
REILLY JOHNSON ARCHITECTURE  
DENVER, CO.

**ASSOCIATE ARCHITECT**  
DLR GROUP  
DENVER, CO.

**CIVIL ENGINEERING**  
DREXEL BARRELL & CO

**STRUCTURAL ENGINEERING**  
MARTIN & MARTIN  
CONSULTING ENGINEERS

**PLUMBING, MECHANICAL,  
ELECTRICAL ENGINEERING**  
BCER ENGINEERING INC.



BOULDER COUNTY JAIL  
COMMUNICATIONS CENTER

3200 Airport Rd  
Boulder 80301



ISSUE	DESCRIPTION	DATE
1	PRICING PACKAGE	08/09/2024

REV.	DESCRIPTION	DATE

**FENCING PERMIT**

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Date: 4/28/2025

Drawn By: DFJ

Checked By: DPP

Scale: AS NOTED

GENERAL INFORMATION &  
INDEX

Title:

**A00.1**

Sheet:

**City of Boulder**  
**Planning & Development Services**

These documents have been reviewed for compliance with the requirements of the Boulder Revised Code (BRC 1981) and other ordinances of the City of Boulder, and are approved for construction. No modifications to or deviations from these documents are allowed without written approval by the City of Boulder, nor are these documents to be used for construction at any site other than the site for which these documents have been approved. This approval shall not be construed to be a permit for, or an approval of, any violation of the Boulder Revised Code or other City ordinance. This approval shall not prevent the building official from requiring the correction of errors in the construction documents and other data. The building official may also prevent occupancy or use of a structure where in violation of the Boulder Revised Code or other City ordinance.

Permit # **FEN2025-00011** Date **05/20/2025**



FENCE PERMIT PLANS FOR  
3200 AIRPORT ROAD  
BOULDER COUNTY JAIL  
COMMUNICATIONS CENTER  
CITY OF BOULDER, COLORADO

APRIL 2025

CITY OF BOULDER GENERAL NOTES

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE 'DESIGN AND CONSTRUCTION STANDARDS' OF THE CITY OF BOULDER, AND SHALL BE COMPLETED TO THE SATISFACTION OF THE DIRECTOR OF PUBLIC WORKS. IN THE EVENT THAT A DESIGN ELEMENT DOES NOT REFLECT CITY STANDARDS, THE MATTER MUST BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER AND THE DIRECTOR OF PUBLIC WORKS. THE ENGINEER SHALL BE RESPONSIBLE FOR RECOMMENDING A SOLUTION OR ALTERNATIVE SOLUTIONS TO THE CITY FOR REVIEW AND APPROVAL.
- THE APPROVAL OF A CONSTRUCTION PLAN DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF CONSTRUCTING WORKABLE PUBLIC IMPROVEMENTS. ALL REVISIONS AND/OR CORRECTIONS REQUIRED WILL BE SOLELY THE CONTRACTOR'S RESPONSIBILITY, AND AT THEIR EXPENSE.
- THESE PLANS HAVE BEEN CHECKED BY THE CITY OF BOULDER ONLY FOR CONFORMANCE WITH THE 'DESIGN AND CONSTRUCTION STANDARDS,' COMPLIANCE WITH DEVELOPMENT AGREEMENT CONDITIONS, AND FOR GENERAL CONCEPTUAL APPROVAL OF PUBLIC IMPROVEMENTS AS SHOWN. THE CITY'S REVIEW DOES NOT VERIFY OR ENSURE THE ACCURACY OF EXISTING OR PROPOSED DIMENSIONS, LINES, COORDINATES, OR GRADES SHOWN, INCLUDING ALL EXISTING UTILITIES SHOWN OR NOT SHOWN.
- UTILITY LOCATIONS SHOWN REFLECT AVAILABLE RECORD DATA. THE CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITY LINES SHOWN AND OTHER UTILITY LINES OTHERWISE LOCATED. THE CONTRACTOR SHALL CONTACT THE 'UTILITY NOTIFICATION CENTER OF COLORADO' AT 1-800-922-1987 OR 811 FOR UTILITY LOCATES 24 HOURS PRIOR TO BEGINNING CONSTRUCTION.
- BEFORE WORK BEGINS, THE CONTRACTOR SHALL OBTAIN A PERMIT TO WORK IN THE RIGHT-OF-WAY FROM THE CITY AND MUST NOTIFY THE CITY RIGHT-OF-WAY INSPECTION STAFF AT LEAST 24 HOURS IN ADVANCE OF COMMENCING CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR SHALL OBTAIN AND MAINTAIN A COMPLETE AND APPROVED SET OF CONSTRUCTION PLANS, THESE DRAWINGS, AND ANY REQUIRED PERMITS, SHALL BE AVAILABLE AT THE PROJECT SITE AT ALL TIMES AND SHALL BE MADE AVAILABLE TO CITY STAFF UPON REQUEST. IF CONSTRUCTION PLANS ARE NOT READILY AVAILABLE AT THE PROJECT SITE, THE DIRECTOR OF PUBLIC WORKS MAY ISSUE A STOP WORK ORDER AND HALT ALL CONSTRUCTION ACTIVITIES PENDING COMPLIANCE BY THE CONTRACTOR.
- THE CONTRACTOR AGREES TO COMPLY WITH THE PROVISIONS OF THE TRAFFIC CONTROL PLAN AND THE CURRENT EDITION OF THE 'MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES,' 'TEMPORARY TRAFFIC CONTROL' SECTION, FOR CONSTRUCTION SIGNAGE AND TRAFFIC CONTROL.
- ALL SURPLUS MATERIALS, TOOLS, AND TEMPORARY STRUCTURES, FURNISHED BY THE CONTRACTOR, SHALL BE REMOVED FROM THE PROJECT SITE BY THE CONTRACTOR. ALL DEBRIS AND RUBBISH CAUSED BY THE OPERATIONS OF THE CONTRACTOR SHALL BE REMOVED, AND THE AREA OCCUPIED DURING CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO ITS ORIGINAL CONDITION, WITHIN 48 HOURS OF PROJECT COMPLETION, UNLESS OTHERWISE DIRECTED BY THE DIRECTOR OF PUBLIC WORKS.
- THE CONTRACTOR SHALL PROVIDE TREE AND LANDSCAPE PROTECTION AS SET FORTH IN CHAPTER 6-6, 'PROTECTION OF TREES AND PLANTS,' BOULDER REVISED CODE (B.R.C.) 1981 AND THE CITY OF BOULDER DESIGN AND CONSTRUCTION STANDARDS (DCS). ALL LANDSCAPING SHALL BE PROVIDED AND MAINTAINED IN COMPLIANCE WITH THE APPROVED LANDSCAPING PLAN, B.R.C. AND DCS.
- THE CONTRACTOR IS REQUIRED TO PROVIDE AND MAINTAIN EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT 'URBAN STORM DRAINAGE CRITERIA MANUAL VOLUME 3', THE 'M-STANDARD PLANS OF THE COLORADO DEPARTMENT OF TRANSPORTATION, AND THE APPROVED EROSION CONTROL PLAN. THE DIRECTOR OF PUBLIC WORKS MAY REQUIRE THE CONTRACTOR TO PROVIDE ADDITIONAL EROSION CONTROL MEASURES DUE TO UNFORESEEN EROSION PROBLEMS OR IF THE PLANS DO NOT FUNCTION AS INTENDED.
- THE CITY OF BOULDER REQUIRES THAT SIDEWALKS CONSTRUCTED HAVE A CROSS SLOPE OF LESS THAN 2%. SIDEWALKS SHALL BE DESIGNED AND CONSTRUCTED WITH CROSS SLOPES SUFFICIENTLY LESS THAN 2% TO ENSURE THAT THEY DO NOT EXCEED THE 2% MAXIMUM.

GENERAL NOTES

- ALL CONTRACTORS UTILIZING THIS PLAN AND THE INFORMATION CONTAINED THEREON ARE CAUTIONED TO COMPLY WITH THE REQUIREMENTS OF COLORADO CODE TITLE 9, ARTICLE 1.5, AS AMENDED, CONCERNING PREVENTION OF DAMAGE TO UNDERGROUND FACILITIES RESULTING FROM EXCAVATIONS (Utility Notification Act). LOCATION OF EXISTING AND PROPOSED UNDERGROUND UTILITIES AND FACILITIES SHOWN ON THE DRAWINGS HAVE BEEN DEVELOPED FROM INFORMATION MADE AVAILABLE. COMPLETENESS AND ACCURACY OF LOCATION AND DEPTH OF UTILITIES AND FACILITIES SHOWN ON THESE PLANS CANNOT BE GUARANTEED. OTHER UTILITIES MAY BE PRESENT AT THIS LOCATION NOT SHOWN ON THIS PLANS. THE CONTRACTOR IS TO VERIFY THE DEPTH AND LOCATION OF ALL UTILITIES AND FACILITIES BEFORE THE START OF WORK. UTILIZE HAND EXCAVATION AS REQUIRED. WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARDS OF THE UTILITY COMPANIES WHERE FACILITIES ARE IN THE PROXIMITY OF THE WORK. PURSUANT TO THE REQUIREMENTS OF COLORADO CODE, THE CONTRACTOR SHALL CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO AT PHONE NUMBER "811", AT LEAST 2 DAYS PRIOR TO EXCAVATION.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE FEDERAL, STATE AND LOCAL CODES, AND ALL REGULATIONS APPURTENANT TO THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970.
- CONTRACTOR SHALL PROVIDE PROTECTION AND SUPPORT FOR EXISTING UTILITIES UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL IMMEDIATELY REPAIR ANY UTILITY LINE INTERRUPTION AT NO ADDITIONAL CONTRACT COST.
- CONTRACTORS SHALL VERIFY ALL DIMENSIONS, INVERTS, ELEVATIONS, AND EXISTING CONDITIONS PRIOR TO PROCEEDING WITH THE WORK. VARIATIONS BETWEEN DRAWINGS AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND RESOLVED PRIOR TO PROCEEDING WITH THE WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR TO ANY SIDEWALKS, LAWN, TREES, PAVING, AND OTHER IMPROVEMENTS DISTURBED OR DAMAGED BY CONSTRUCTION OR DEMOLITION ACTIVITIES PROPOSED HEREIN.
- CONTRACTOR SHALL PROVIDE PROPER TEMPORARY BRACING AND SHORING OF ALL CONSTRUCTION OR DEMOLITION WORK IN PROGRESS.
- CONTRACTOR SHALL PROVIDE THE LAYOUT, LINE AND GRADE UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL WORK ALL THE PROJECT DRAWINGS AND SPECIFICATIONS TOGETHER.
- CONTRACTOR SHALL COORDINATE EXISTING AND PROPOSED CONSTRUCTION WITH OTHER PROJECT CONSTRUCTION PACKAGES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AND PROTECTION OF VEHICULAR AND PEDESTRIAN TRAFFIC. ALL TRAFFIC CONTROL MEASURES SHALL BE IN ACCORDANCE WITH LOCAL, STATE, AND OSHA REGULATIONS.
- CONTRACTOR SHALL PROVIDE TEMPORARY DEWATERING OF EXCAVATIONS THROUGHOUT THE DURATION OF CONTRACT AT NO ADDITIONAL COST.
- CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES WITHIN THE DRAWINGS, SPECIFICATIONS, CODES OR STANDARDS FOR DIRECTION PRIOR TO START OF WORK.
- CONTRACTORS SHALL HAVE ALL REQUIRED SUBMITTAL APPROVALS PRIOR TO BEGINNING THE WORK OR ORDERING MATERIALS.
- PROFESSIONAL INSPECTION AND ACCEPTANCE OF CONSTRUCTION FOR CONFORMANCE TO THE APPLICABLE STANDARDS AND CODES IS THE RESPONSIBILITY OF THE OWNER. SITE OBSERVATION OF THE GEOTECHNICAL ASPECTS OF THE PROJECT IS TO BE DONE UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL ENGINEER. THE OWNER OR THE OWNER'S CONSTRUCTION REPRESENTATIVE RESERVES THE RIGHT TO INSPECT ANY PORTION OF THE WORK AND REQUEST CORRECTION TO THE OWNER'S SATISFACTION FOR ALL WORK NOT COMPLETED IN ACCORDANCE WITH THE SPECIFICATIONS AND DRAWINGS. INSPECTION OR SITE OBSERVATION OF WORK BY THE ENGINEER DOES NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY OF CONFORMING TO THE DRAWINGS AND SPECIFICATIONS FOR ALL CONSTRUCTION.



VICINITY MAP

OWNER

BOULDER COUNTY

2525 13TH STREET  
BOULDER, CO 80304  
(303)-441-4826

CONTACT: JAMES BUTLER

ARCHITECT

REILLY JOHNSON ARCHITECTURE

700 17TH STREET, SUITE 1850  
DENVER, COLORADO 80202  
(303) 832-9111

CONTACT: PAGE PHILLIPS  
CELL (303)550-5211

CIVIL ENGINEER & SURVEYOR

Drexel, Barrell & Co.

1379 MINERS DRIVE, SUITE 107  
LAFAYETTE, CO 80026  
(303) 442-4338

CONTACT: CAMERON KNAPP, P.E.

SHEET INDEX TABLE	
SHEET NUMBER	SHEET TITLE
C1.0	COVER SHEET & NOTES
C2.0	CIVIL SITE PLAN
C3.0	DETAIL SHEET
C3.1	DETAIL SHEET

DEMOLITION NOTES

- THE CONTRACTOR SHALL DOCUMENT THE CONDITION OF ALL EXISTING FEATURES TO REMAIN PRIOR TO THE BEGINNING OF WORK. ALL ITEMS DAMAGED OR DISTURBED SHALL BE REPAIRED OR REPLACED IN KIND TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL CONTRACT COST.
- THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS TO OBTAIN WRITTEN PERMISSION FROM PROPERTY OWNERS FOR DISPOSAL LOCATIONS OUTSIDE THE LIMITS OF THE PROJECT. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CONSTRUCTION DEBRIS IN A MANNER WHICH IS LAWFUL.
- WHERE NEW CONSTRUCTION TIES INTO EXISTING IMPROVEMENTS, SUCH AS PAVEMENT, SIDEWALKS, CURBS, THE CONTRACTOR SHALL SAW CUT THE EXISTING IMPROVEMENTS TO A TRUE LINE, WITH A VERTICAL FACE AND TO A MINIMUM DEPTH OF 2-INCHES OR TO THE DEPTH OF THE REINFORCING STEEL, WHICHEVER OCCURS FIRST. IF THE EDGE IS DAMAGED DURING CONSTRUCTION, IT SHALL BE RE-CUT PRIOR TO CONSTRUCTING THE NEW IMPROVEMENTS. THE MINIMUM WIDTH FOR ALL SAWCUTS OF ASPHALT PAVEMENT SHALL BE TWO-FEET.
- CONTRACTOR SHALL INSTALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO SITE CLEARING OR DEMOLITION ACTIVITIES. SEE EROSION CONTROL PLANS.
- DRAINAGE STRUCTURES SHALL NOT BE REMOVED UNTIL SATISFACTORY ARRANGEMENTS HAVE BEEN MADE TO ACCOMMODATE TRAFFIC AND DRAINAGE.

GRADING NOTES

- MATCH EXISTING GRADES AT LIMITS OF CONSTRUCTION.
- IN AREAS OF UTILITY CONSTRUCTION OR DEMOLITION, RESTORE SURFACE TO EXISTING GRADES UNLESS OTHERWISE INDICATED.
- ALL SPOT ELEVATIONS ARE FLOWLINE OF CURB AND GUTTER OR TOP OF PAVING UNLESS OTHERWISE NOTED.
- ALL PROPOSED CONTOURS ARE TO TOP OF FINISHED PAVING AND LANDSCAPED AREAS UNLESS OTHERWISE NOTED.
- MAXIMUM LANDSCAPE SLOPE SHALL BE 4(HOR) TO 1(VERT) UNLESS OTHERWISE NOTED.
- REFER TO SOILS REPORT FURNISHED BY OWNER FOR ALL COMPACTION REQUIREMENTS.
- ADD 5200 TO ALL SPOT ELEVATIONS TO REACH PROJECT VERTICAL DATUM.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN AND PROVIDE FOR ADEQUATE DRAINAGE THROUGH THE SITE DURING THE PROCESS OF EXCAVATION, GRADING AND EMBANKMENT. THE GRADE SHALL BE MAINTAINED IN SUCH CONDITION THAT IT IS WELL DRAINED AT ALL TIMES. THE CONTRACTOR SHALL NOT REDIRECT OR CONCENTRATE FLOWS SUCH THAT DAMAGE TO DOWNSTREAM PROPERTIES WILL OCCUR.



BOULDER COUNTY  
1325 PEARL STREET  
BOULDER, CO 80306  
PH: (303)441-3525

PREPARED BY:



DREXEL, BARRELL & CO.  
Engineers • Surveyors

1376 MINERS DR., SUITE 107  
LAFAYETTE, COLORADO 80026  
CONTACT: CAMERON KNAPP, P.E.  
(303) 442-4338

LAFAYETTE • COLORADO SPRINGS



Know what's below.  
Call before you dig.  
CALL 2-BUSINESS DAYS IN ADVANCE  
BEFORE YOU DIG, GRADE, OR  
EXCAVATE FOR THE MARKING OF  
UNDERGROUND MEMBER UTILITIES.

FENCE PERMIT DOCUMENTS FOR  
BOULDER COUNTY JAIL  
COMMUNICATION CENTER  
BOULDER, COLORADO

ISSUE	DATE
FENCE PERMIT	4/29/2025
DESIGNED BY:	MAB
DRAWN BY:	MTO
CHECKED BY:	CWK
FILE NAME:	CV01



DRAWING SCALE:  
HORIZONTAL:  
VERTICAL:

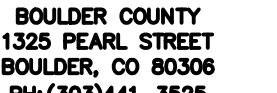
COVER SHEET  
& NOTES

PROJECT NO. 21087-05BLCV

C1.0

SHEET: 1 OF 4





**DBC**  
 ixel, Barrell & Co.  
 al Services, Innovative Solutions

1376 MINERS DR., SUITE 107  
LAFAYETTE, COLORADO 80026  
CONTACT: CAMERON KNAPP, P.E.  
(303) 442-4338



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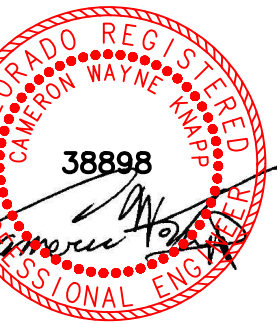
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ISSUE	DATE
FENCE PERMIT	4 /20 /2025

FENCE PERMIT	4/29/2023

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E NAME:	CV01

NAME:	CV01
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4/29/2025

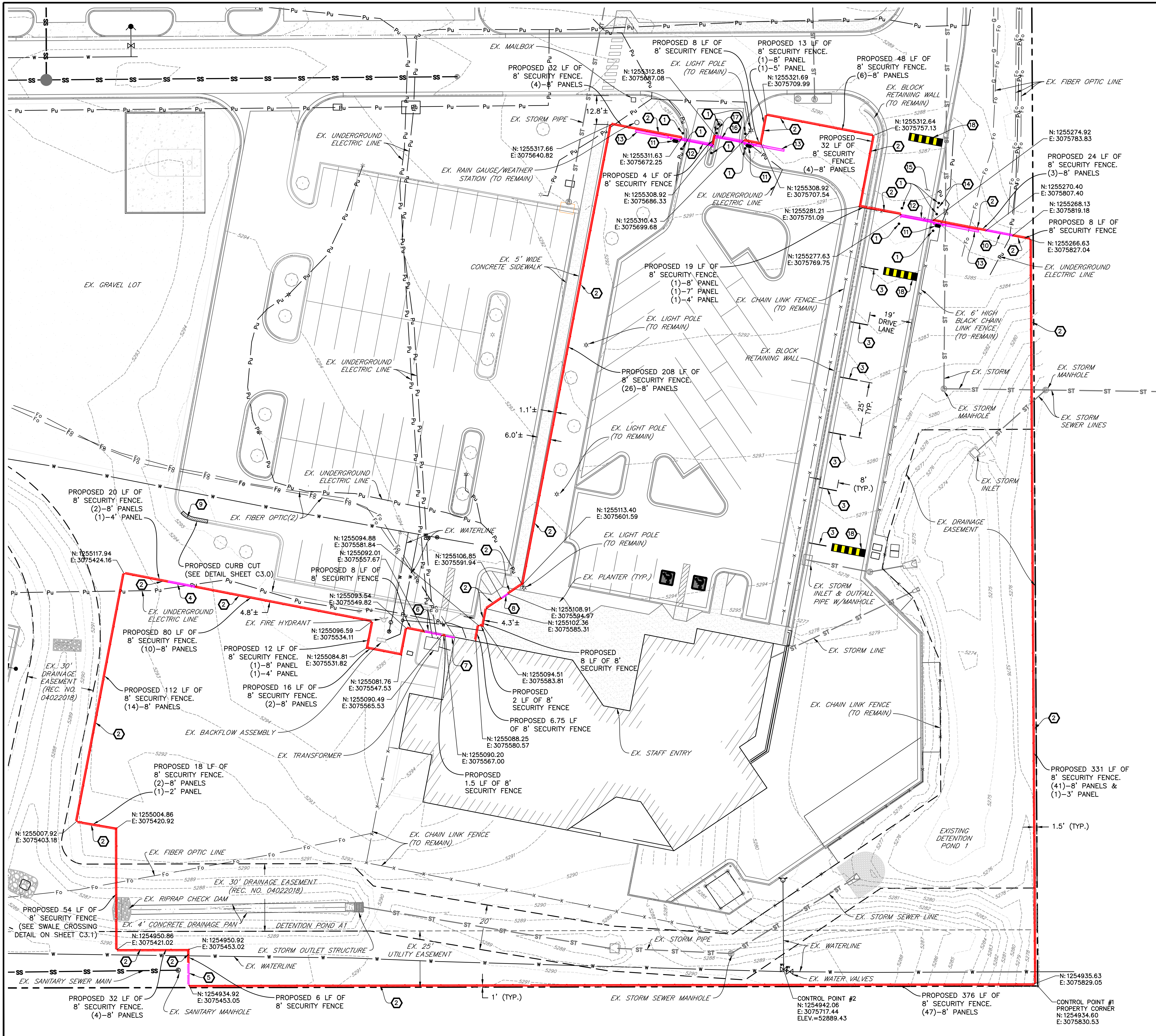
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HORIZONTAL: 1"=20'  
VERTICAL: N/A

CIVIL  
SITE PLAN

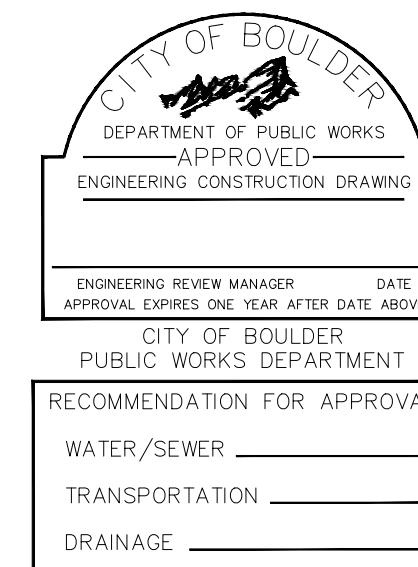
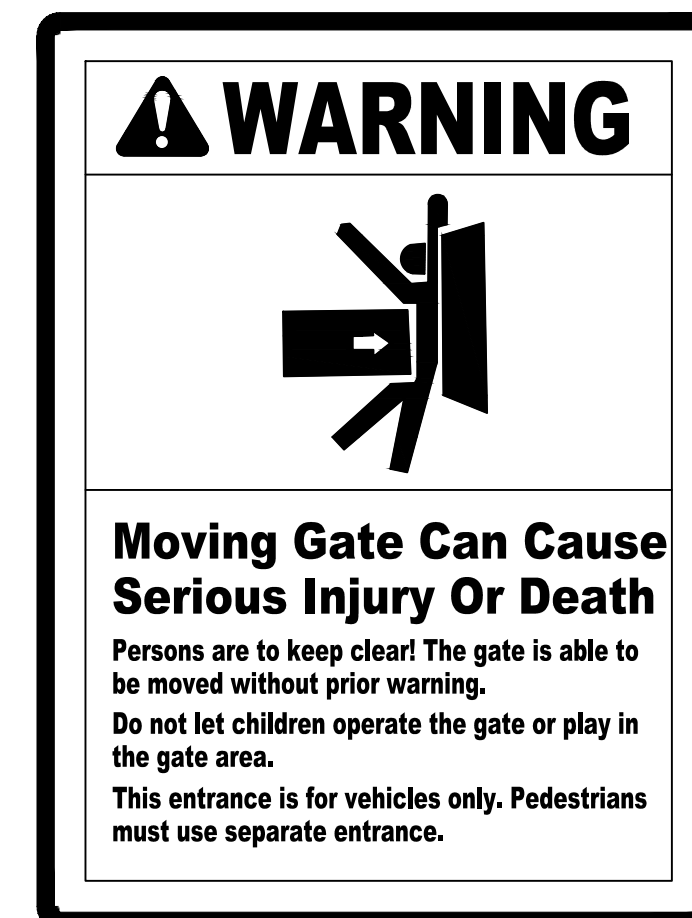
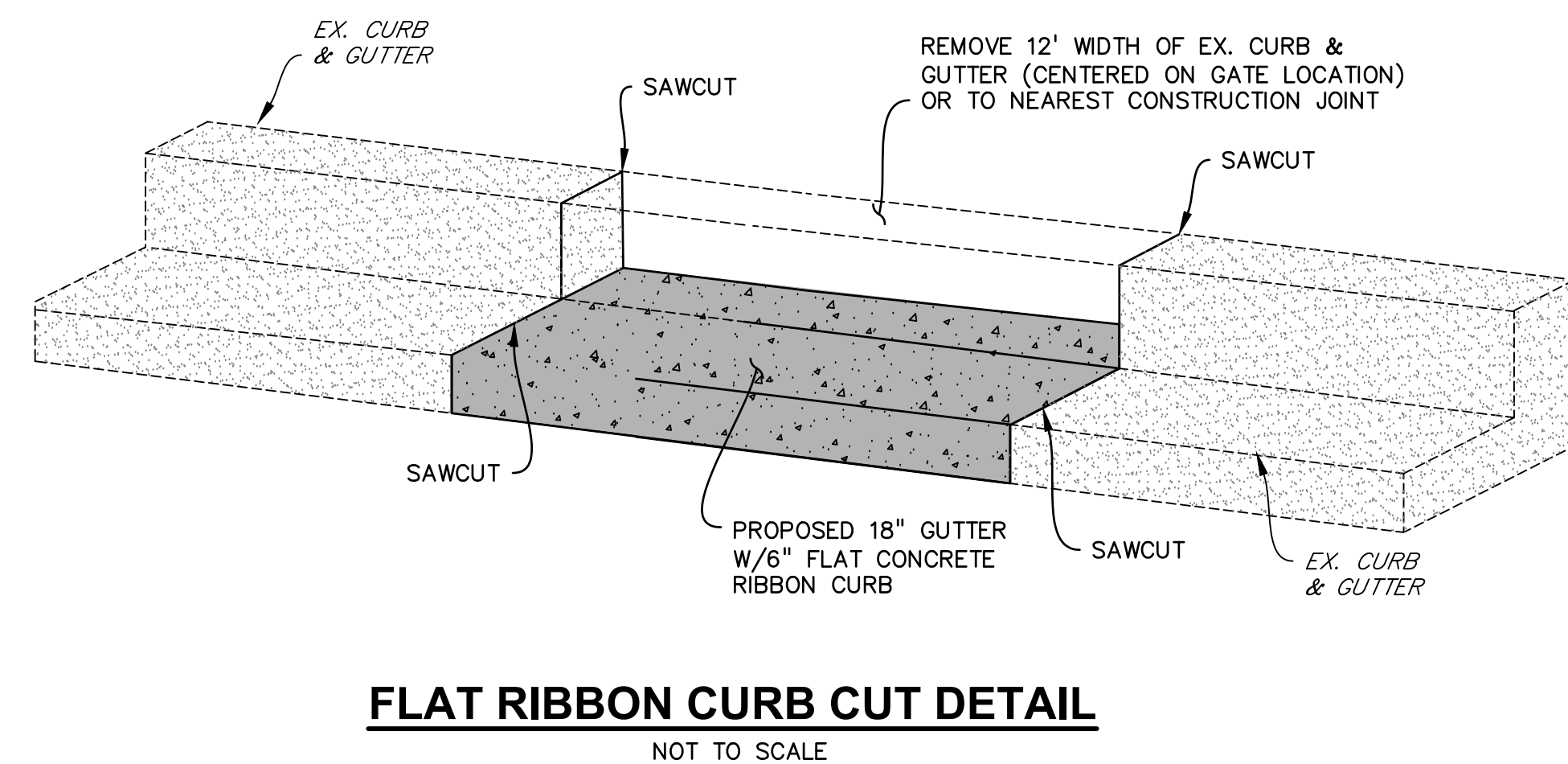
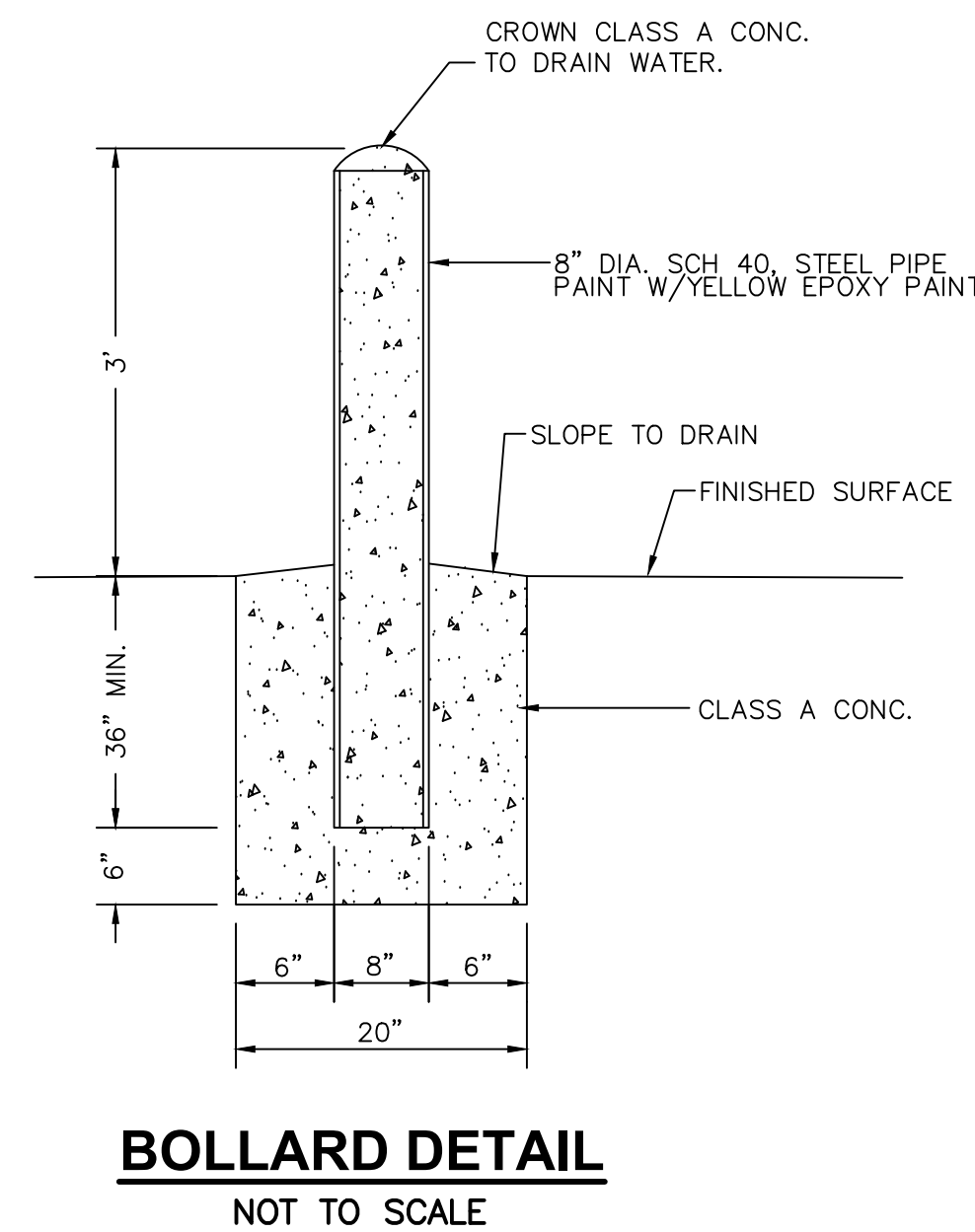
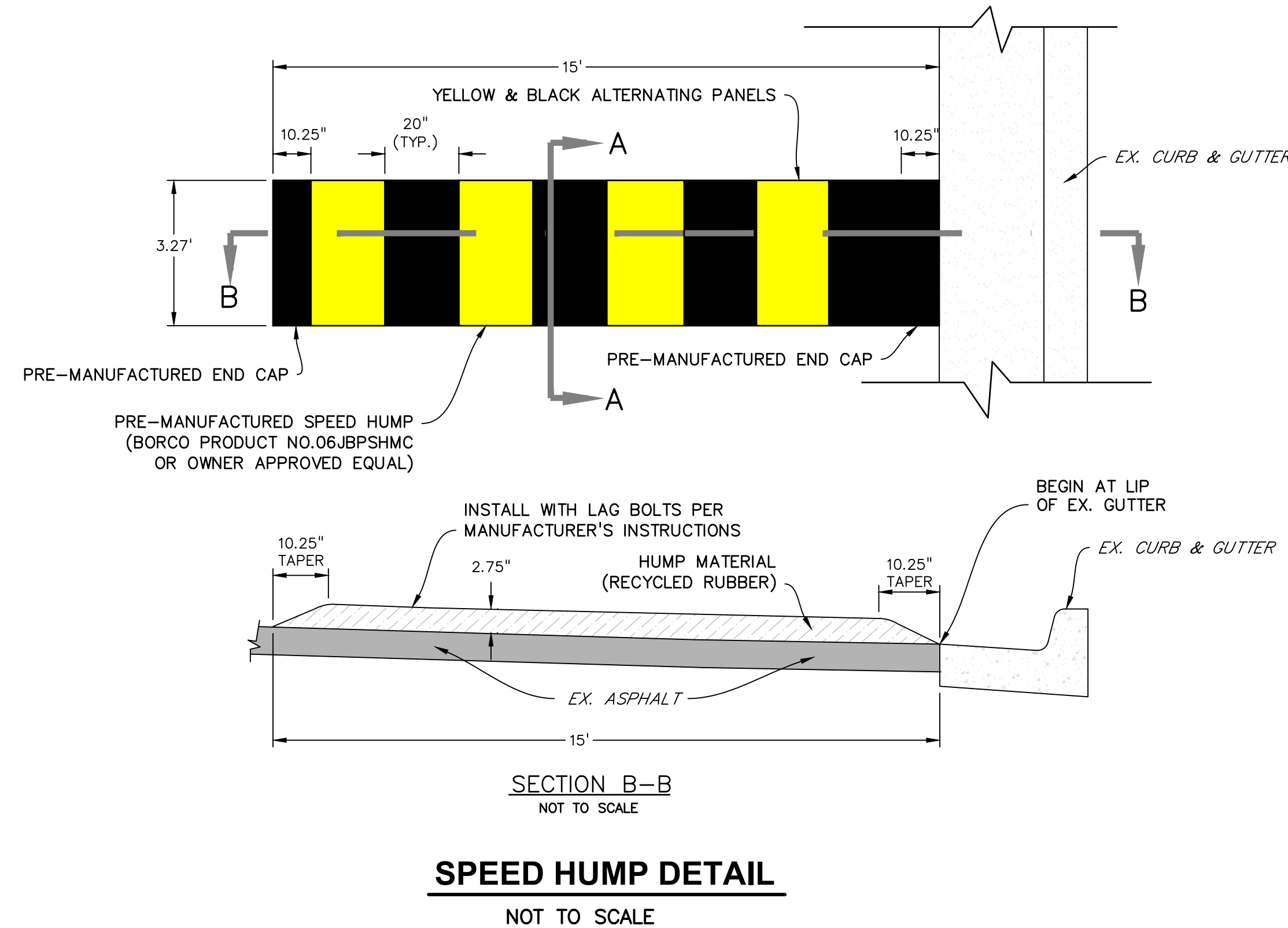
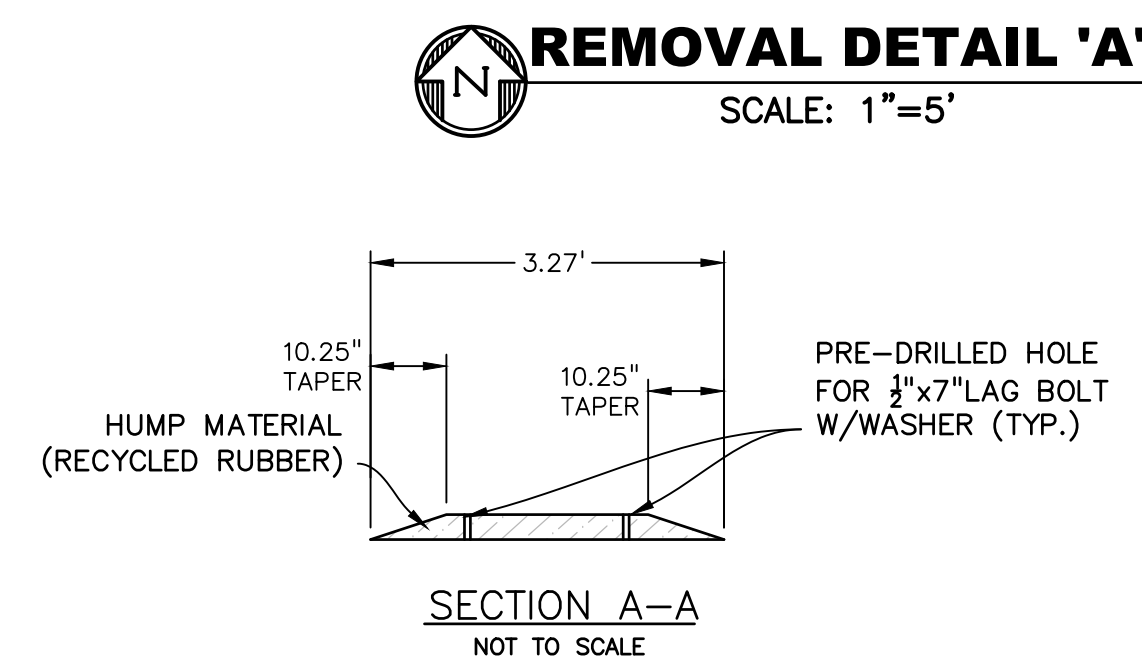
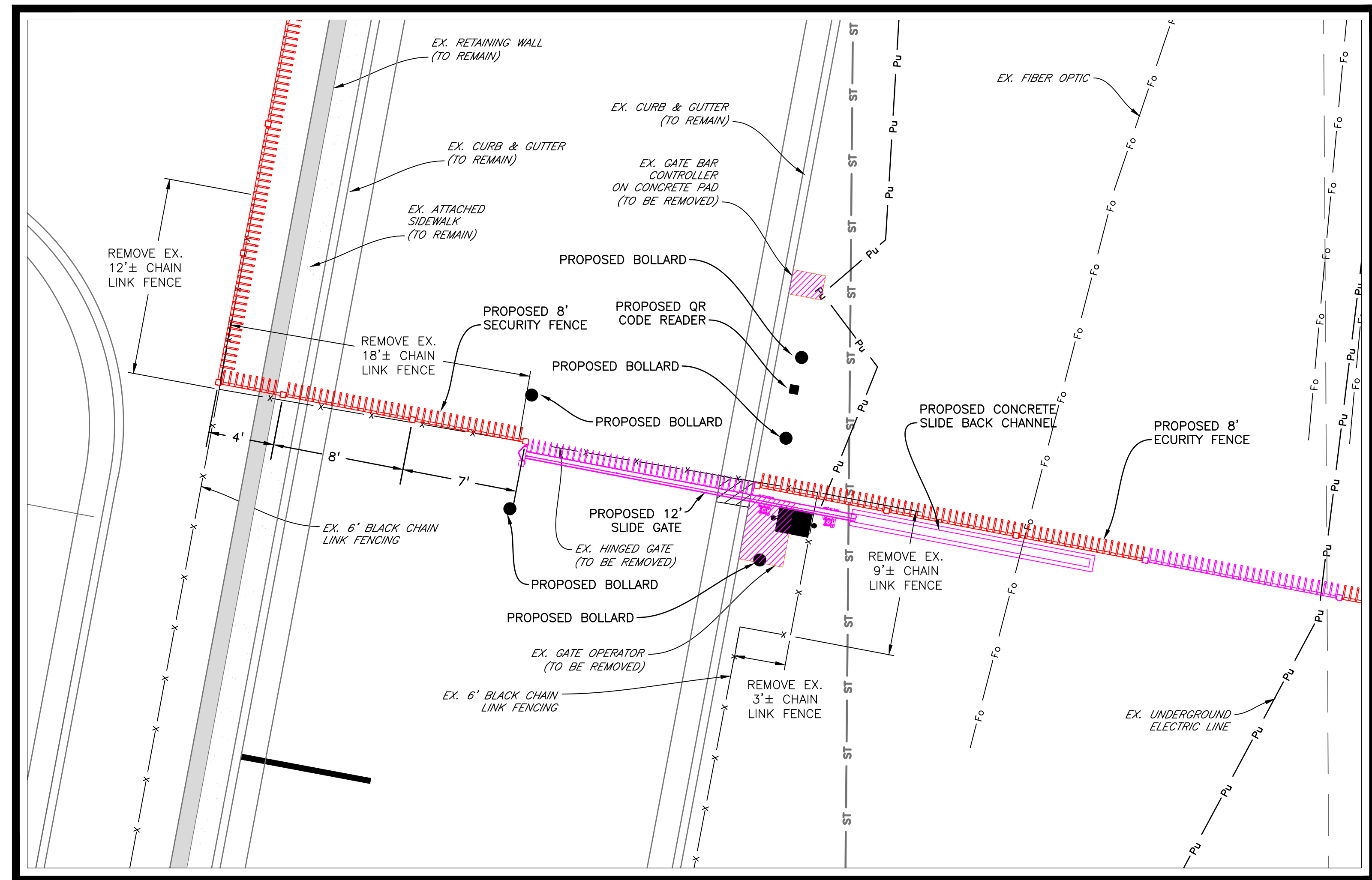
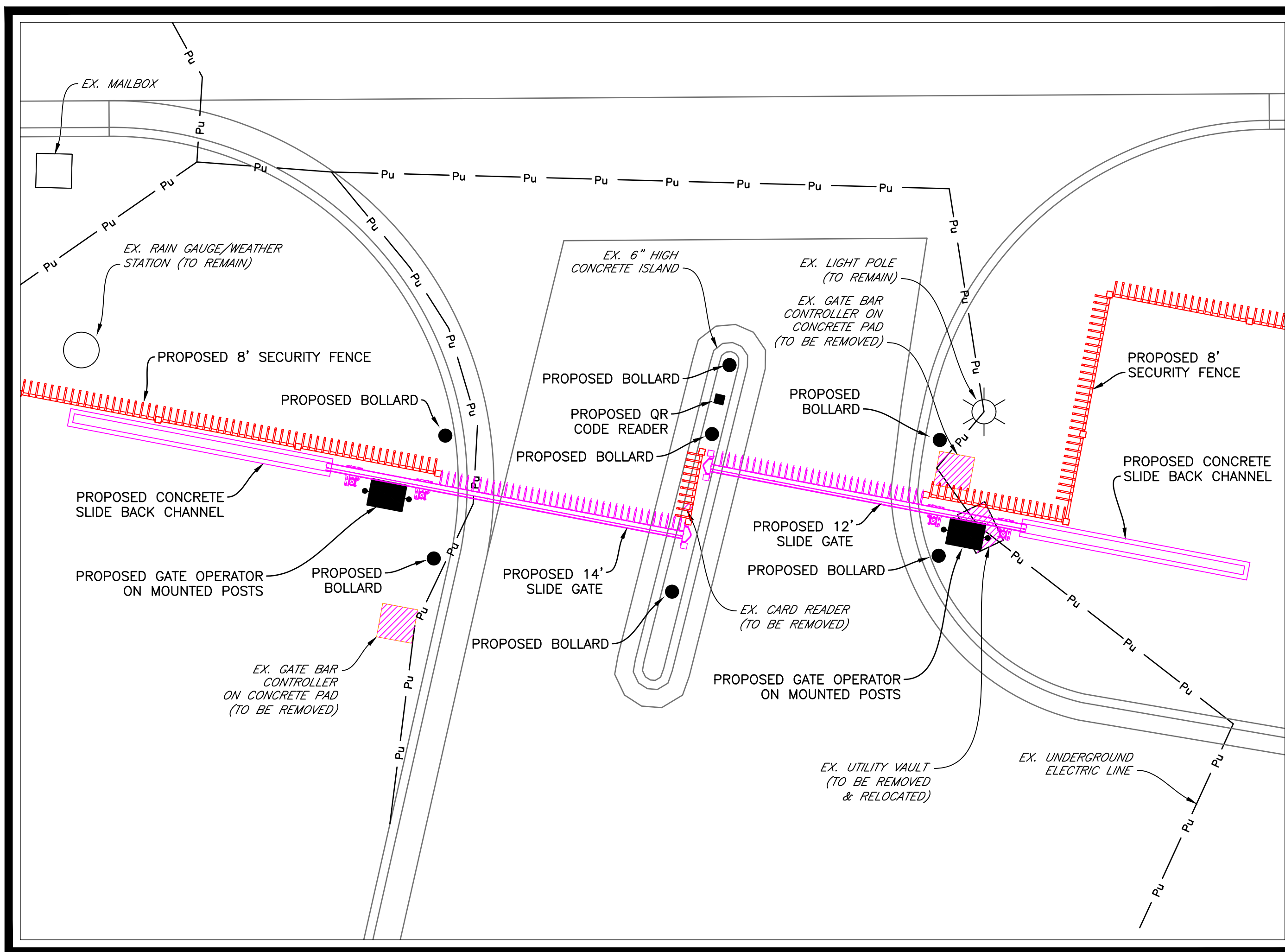
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## C2.0

SHEET: 2 OF 4

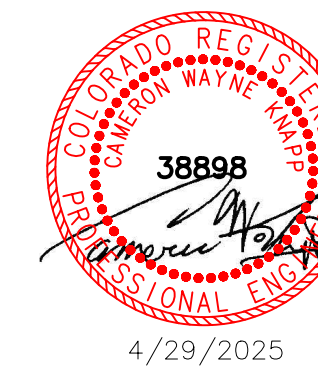






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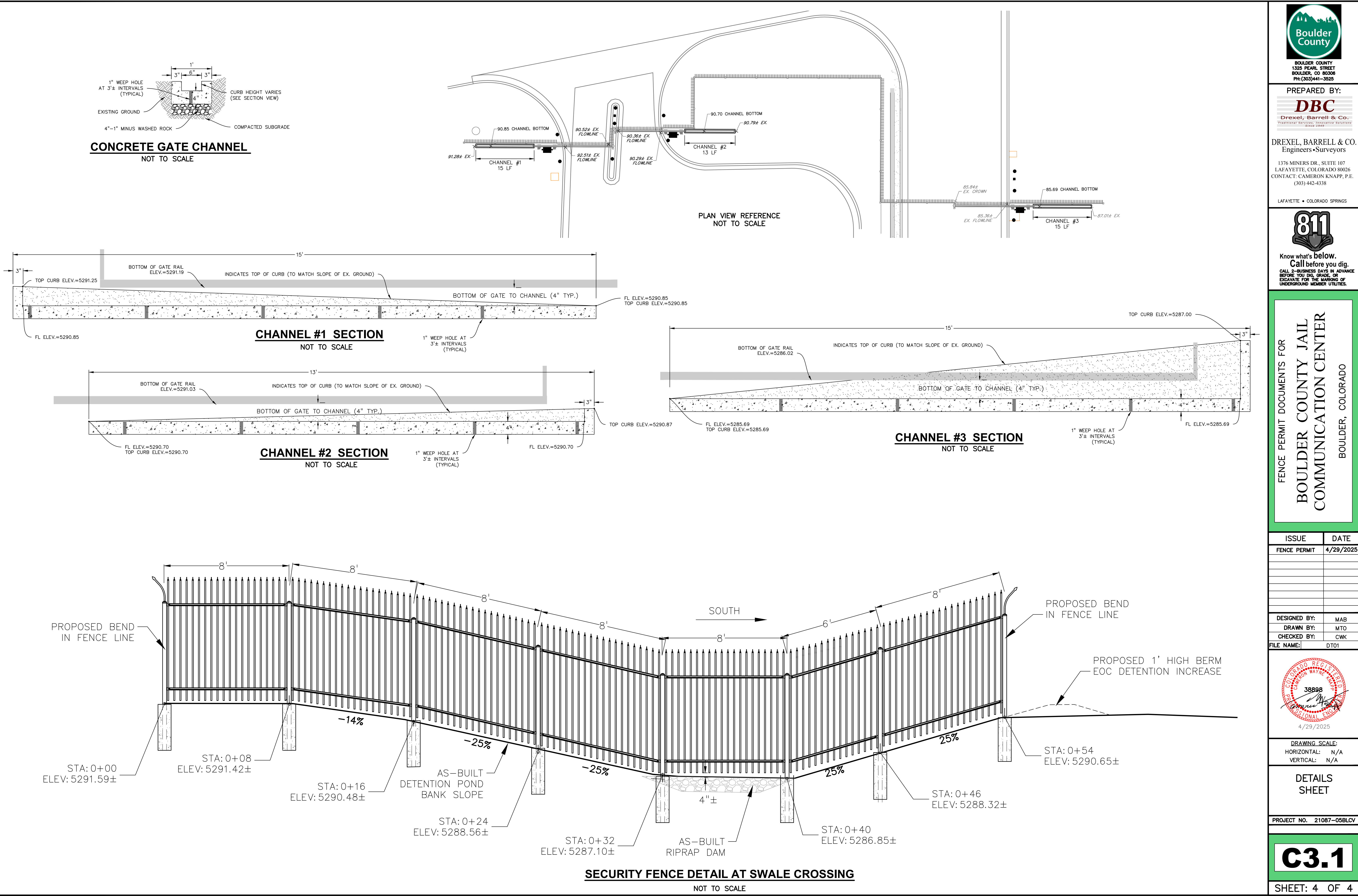


DRAWING SCALE:  
HORIZONTAL: 1"=5'  
VERTICAL: N/A

## DETAILS

PROJECT NO. 21087-05BLCV





BOULDER COUNTY  
1325 PEARL STREET  
BOULDER, CO 80308  
PH: (303) 441-3525

PREPARED BY:



DREXEL, BARRELL & CO.  
Engineers • Surveyors

1376 MINERS DR., SUITE 107  
LAFAYETTE, COLORADO 80026  
CONTACT: CAMERON KNAPP, P.E.  
(303) 442-4338

LAFAYETTE • COLORADO SPRINGS



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VERTICAL: N/A

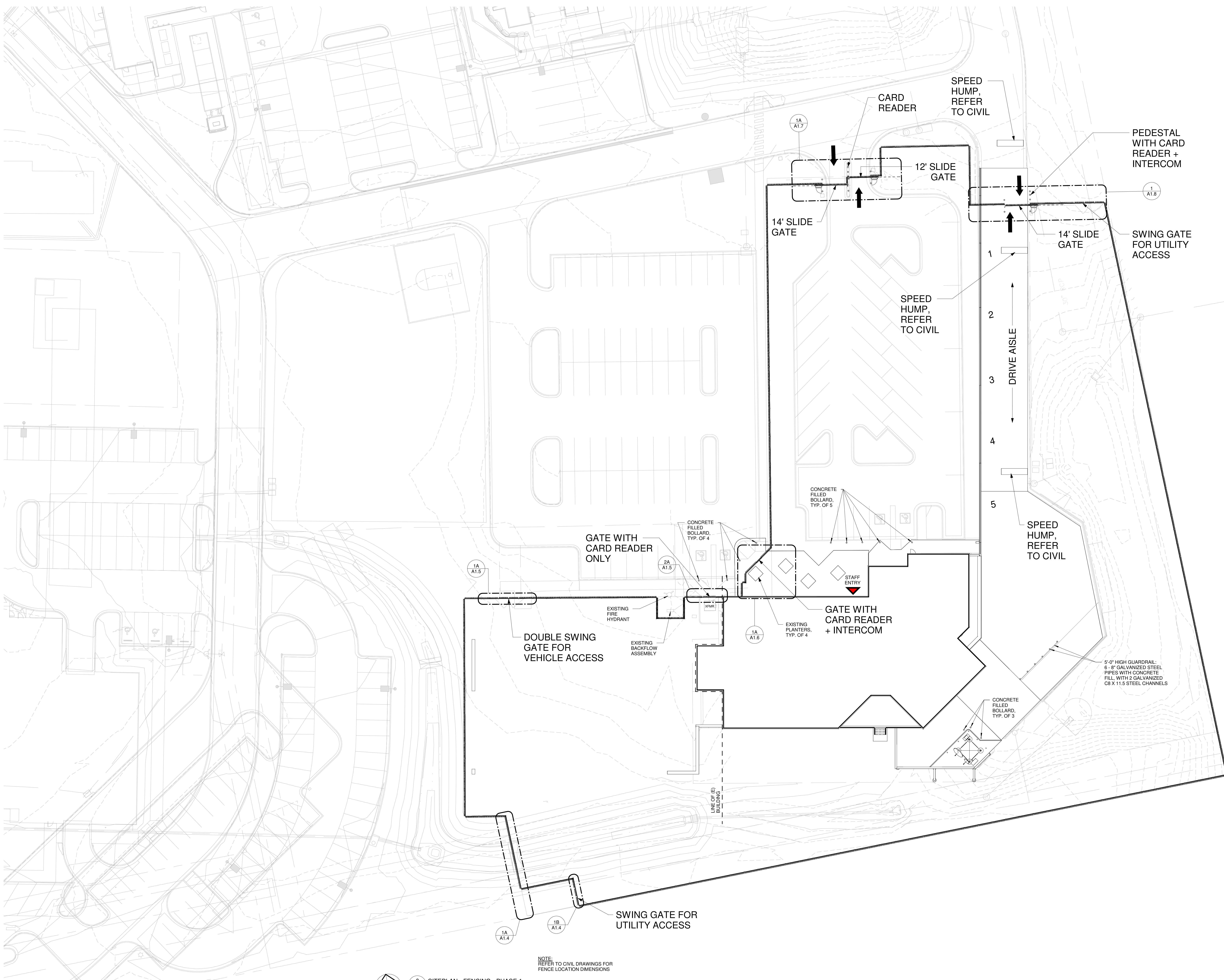
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SHEET

PROJECT NO. 21087-05BLCV

**C3.1**

SHEET: 4 OF 4





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SITE PLAN - PHASE 1 FENCING

Title:

**A1.2**

Sheet:



PRIME ARCHITECT  
REILLY JOHNSON ARCHITECTURE  
DENVER, CO.

ASSOCIATE ARCHITECT  
DLR GROUP  
DENVER, CO.

CIVIL ENGINEERING  
DREXEL BARRELL & CO

STRUCTURAL ENGINEERING  
MARTIN & MARTIN  
CONSULTING ENGINEERS

PLUMBING, MECHANICAL,  
ELECTRICAL ENGINEERING  
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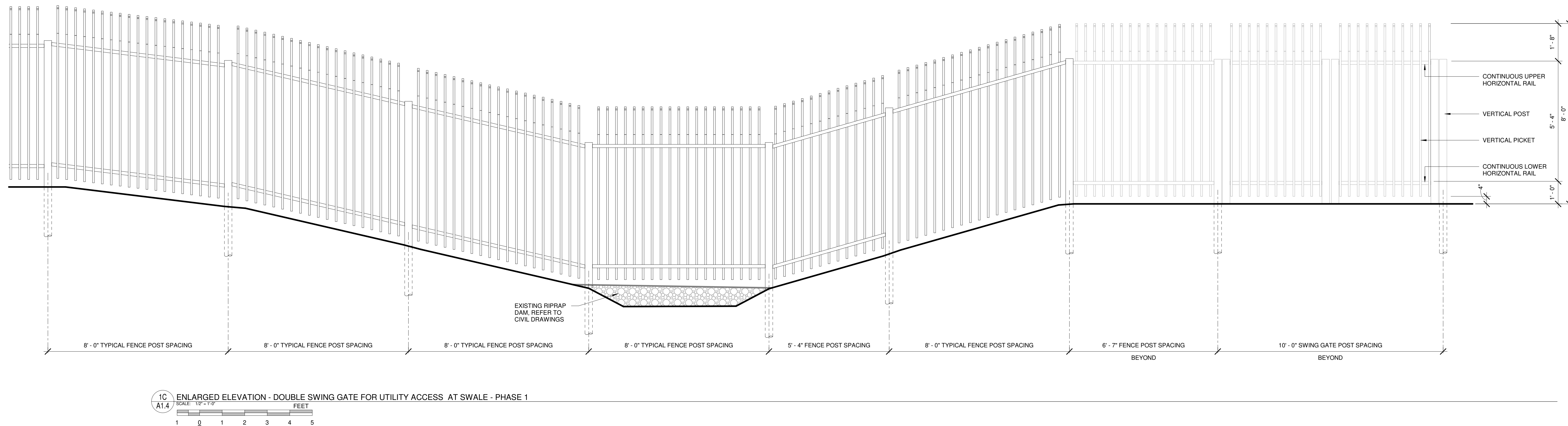
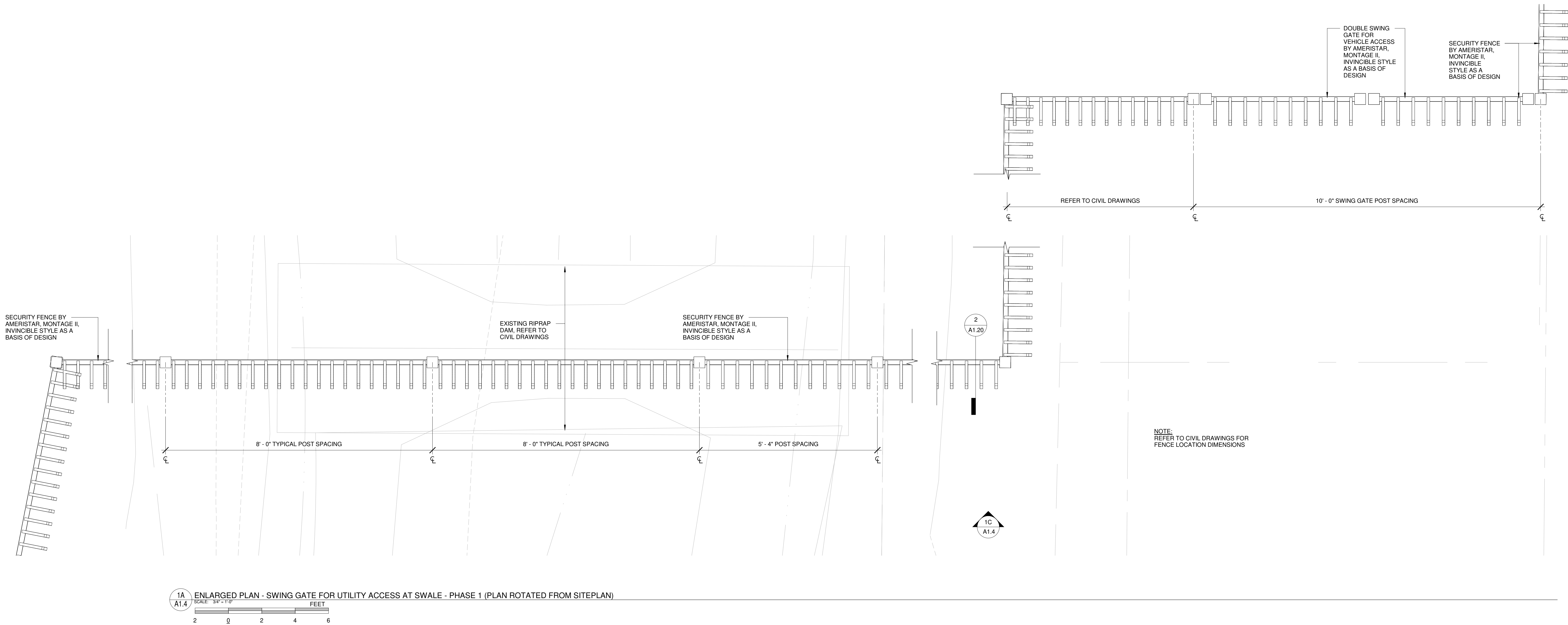
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ENLARGED GATE PLANS AND  
ELEVATIONS - PHASE 1

Title:

A1.4

Sheet:



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REILLY JOHNSON ARCHITECTURE  
DENVER, CO.

ASSOCIATE ARCHITECT  
DLR GROUP  
DENVER, CO.

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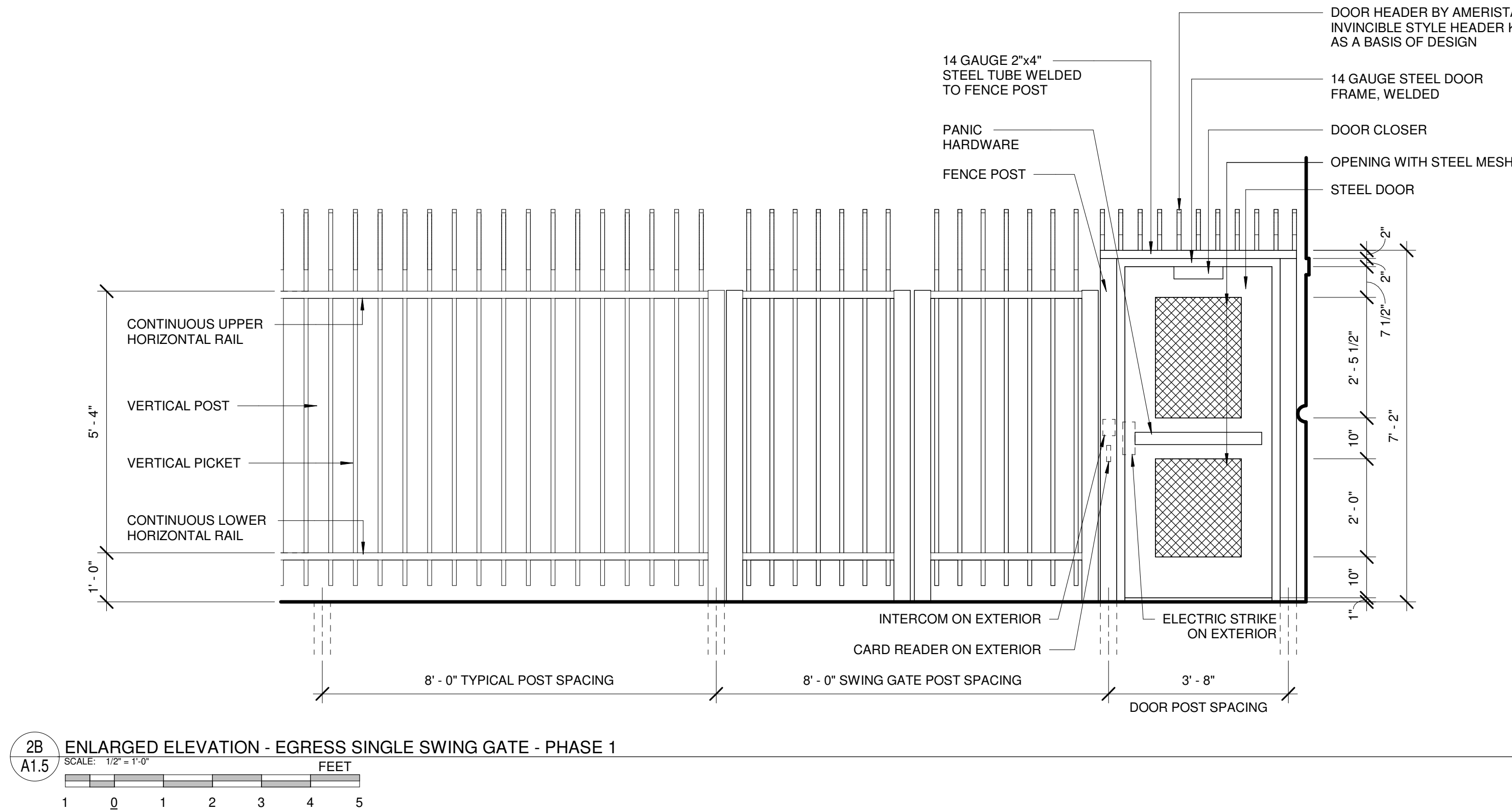
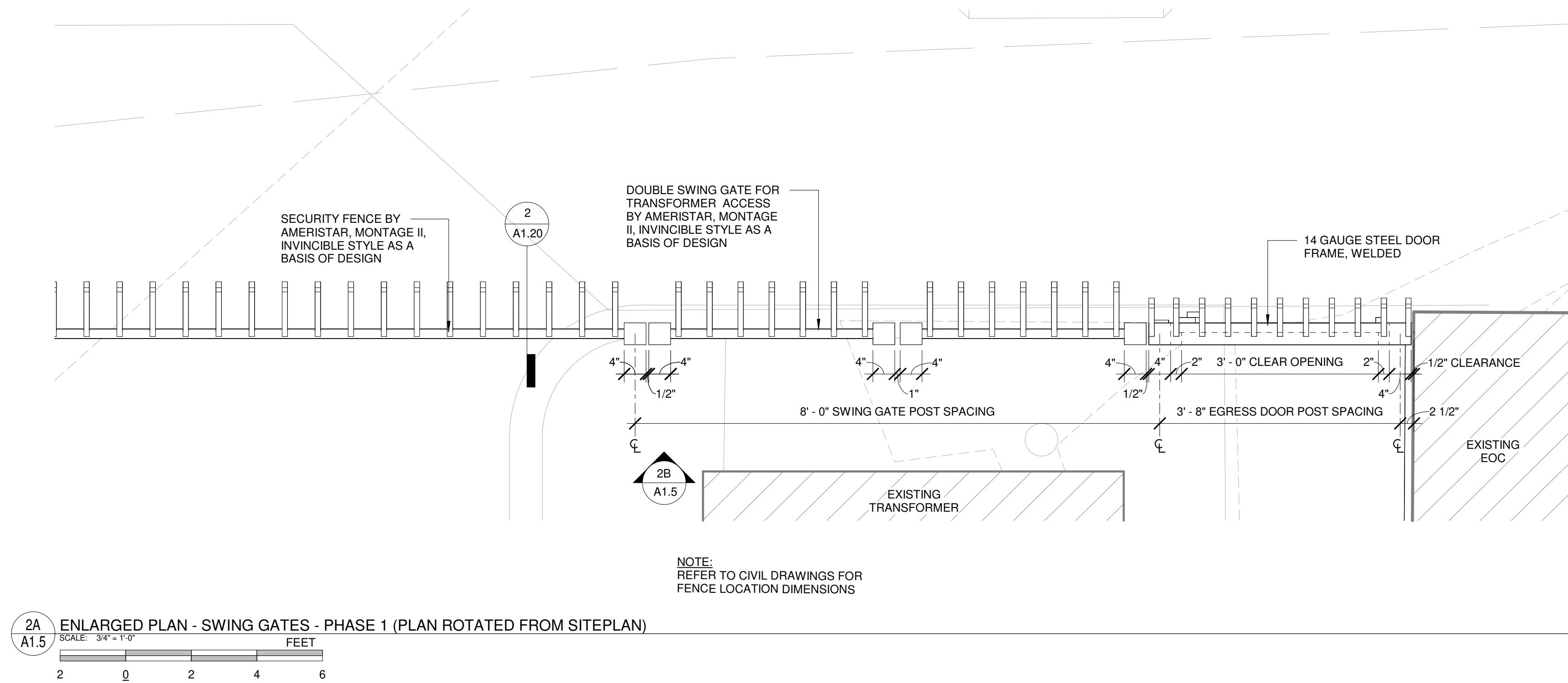
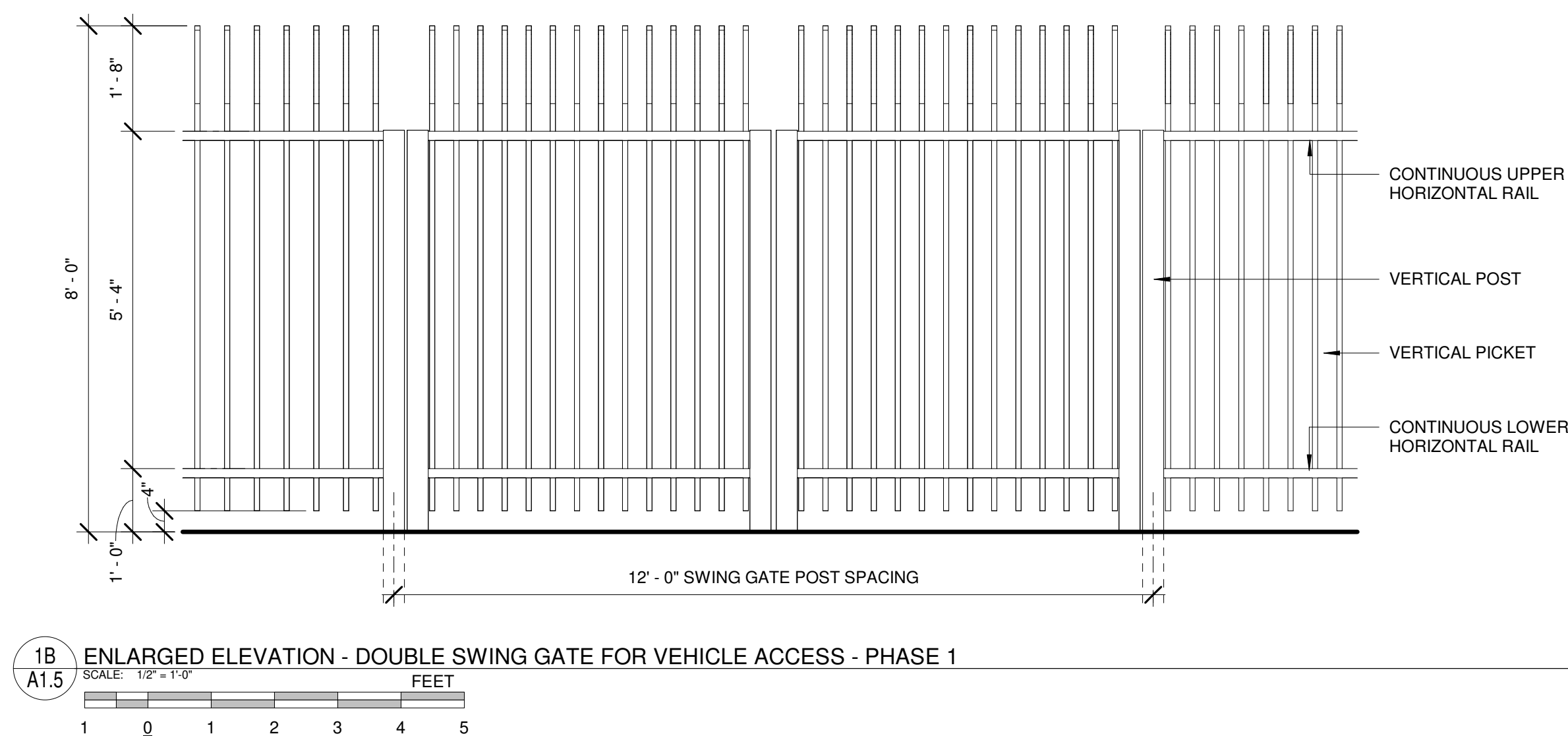
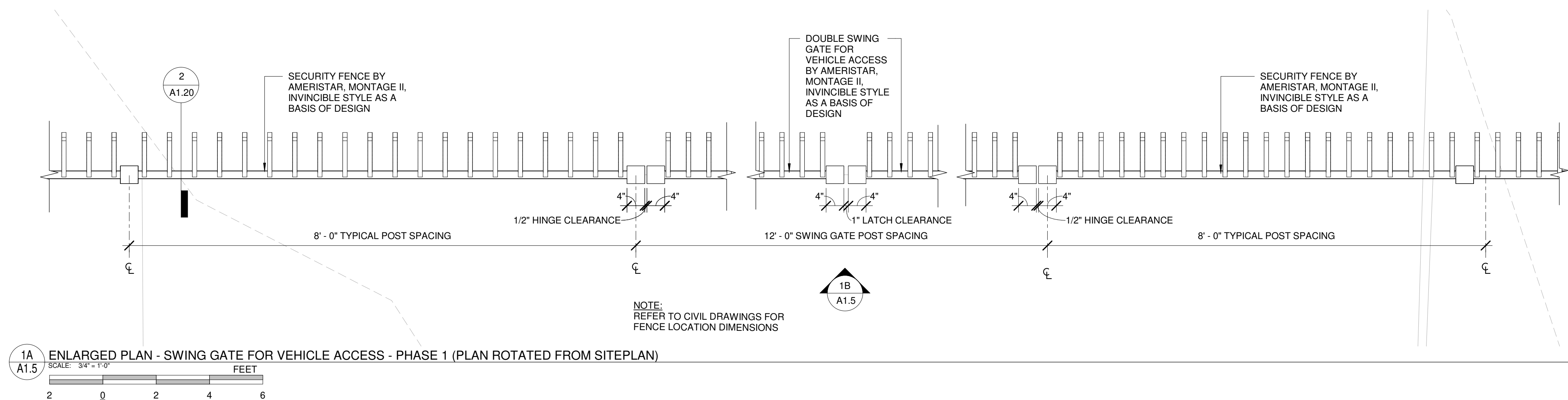
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ENLARGED GATE PLANS AND  
ELEVATIONS - PHASE 1

Title:

A1.5

Sheet:





PRIME ARCHITECT  
REILLY JOHNSON ARCHITECTURE  
DENVER, CO.

ASSOCIATE ARCHITECT  
DLR GROUP  
DENVER, CO.

CIVIL ENGINEERING  
DREXEL BARRELL & CO

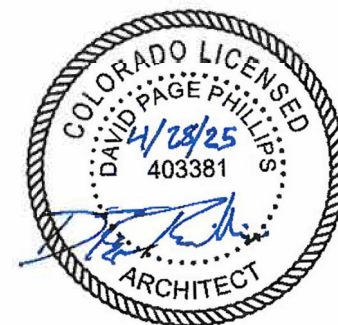
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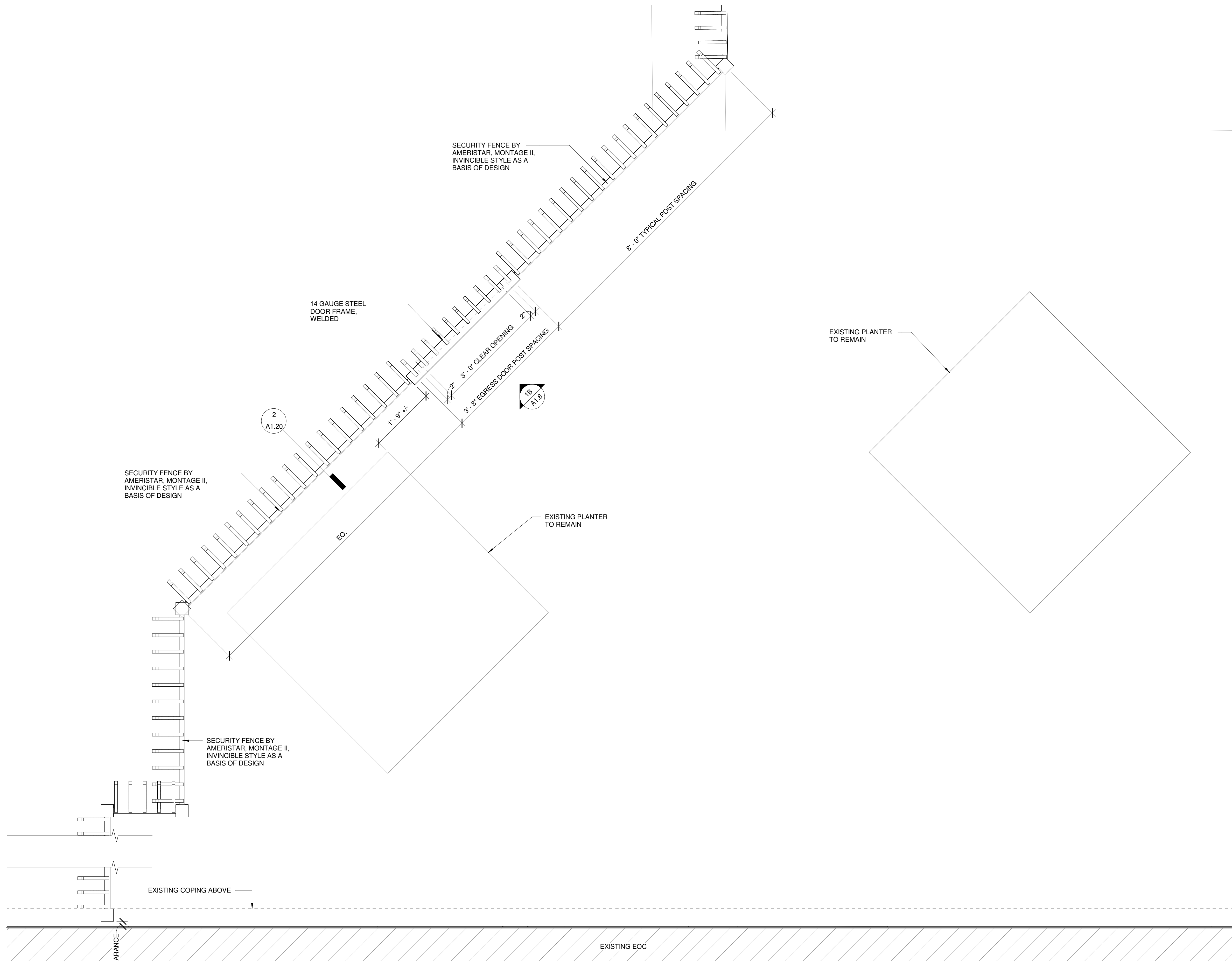
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ENLARGED GATE PLANS AND  
ELEVATIONS - PHASE 1

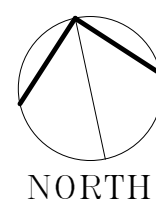
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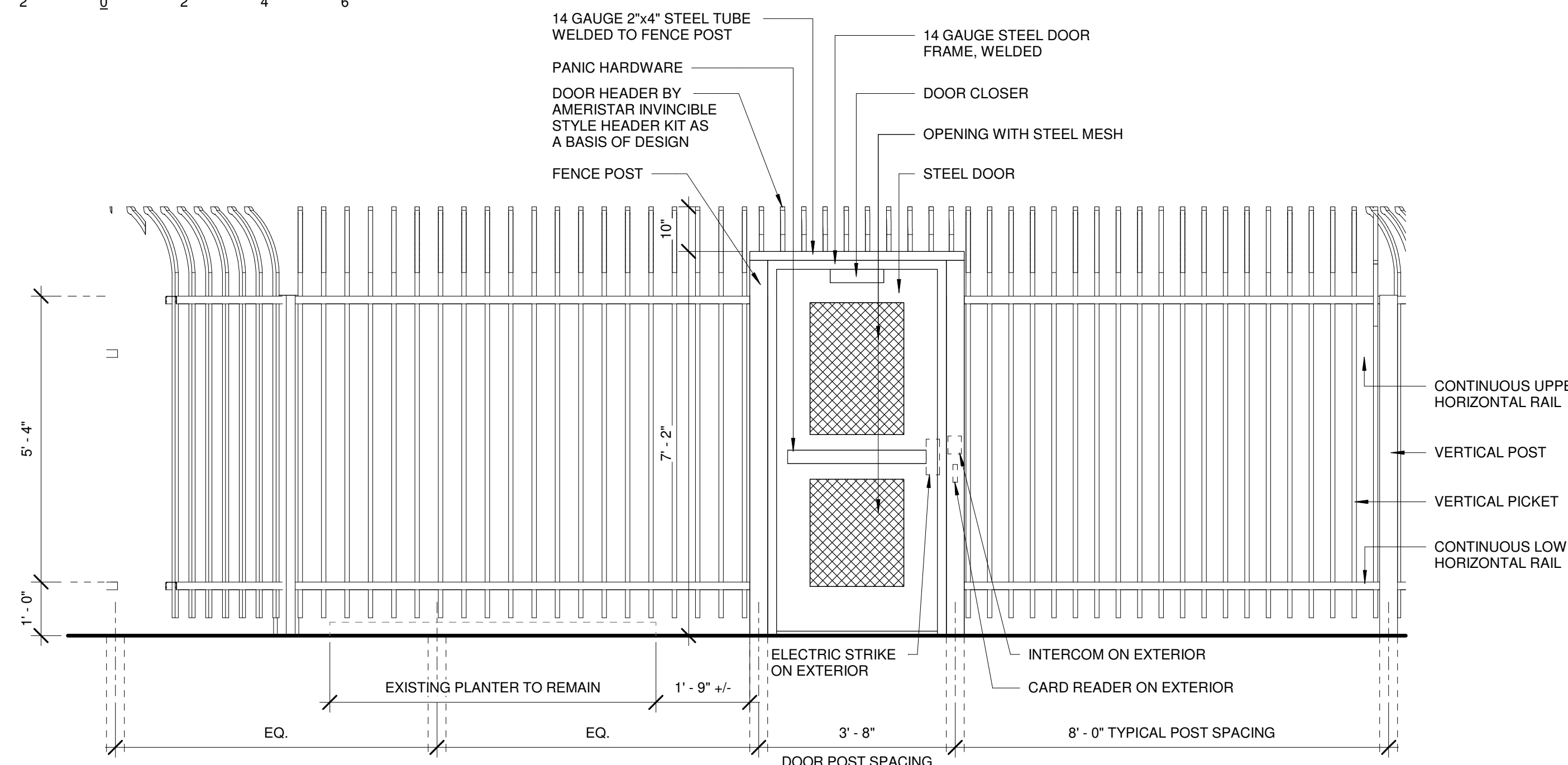
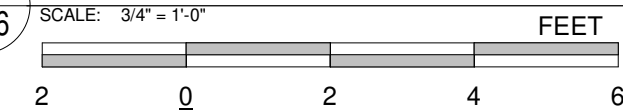
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NOTE:  
REFER TO CIVIL DRAWINGS FOR  
FENCE LOCATION DIMENSIONS



1A  
A1.6  
ENLARGED PLAN - SWING GATES - PHASE 1



1B  
A1.6  
ENLARGED ELEVATION - EGRESS SINGLE SWING GATE - PHASE 1



MAN GATE HARDWARE SET

SET #A-CH-1 - HM - STAFF ENTRY (CR)

3	HINGES	FBB199 5 X 4 1/2 NRP	US32D	ST
1	EXIT DEVICE	99L-NL X 996L-NL-R&V 425-SNB	US26D	VO
1	RIM CYLINDER	12E-72 PATD RP	626	BE
1	ELECTRIC STRIKE	6300	US32D	VO
1	CLOSER   S/STOP	4040 XP SCUSH TBWMS	AL	LC
1	KICK PLATE	K0050 - 10" X 2" LDW CSK	630	TR
1	DOOR POSITION SWITCH	BY SECURITY PROVIDER	BY	BY
1	POWER SUPPLY	BY SECURITY PROVIDER	BY	BY
1	CARD READER	BY SECURITY PROVIDER		





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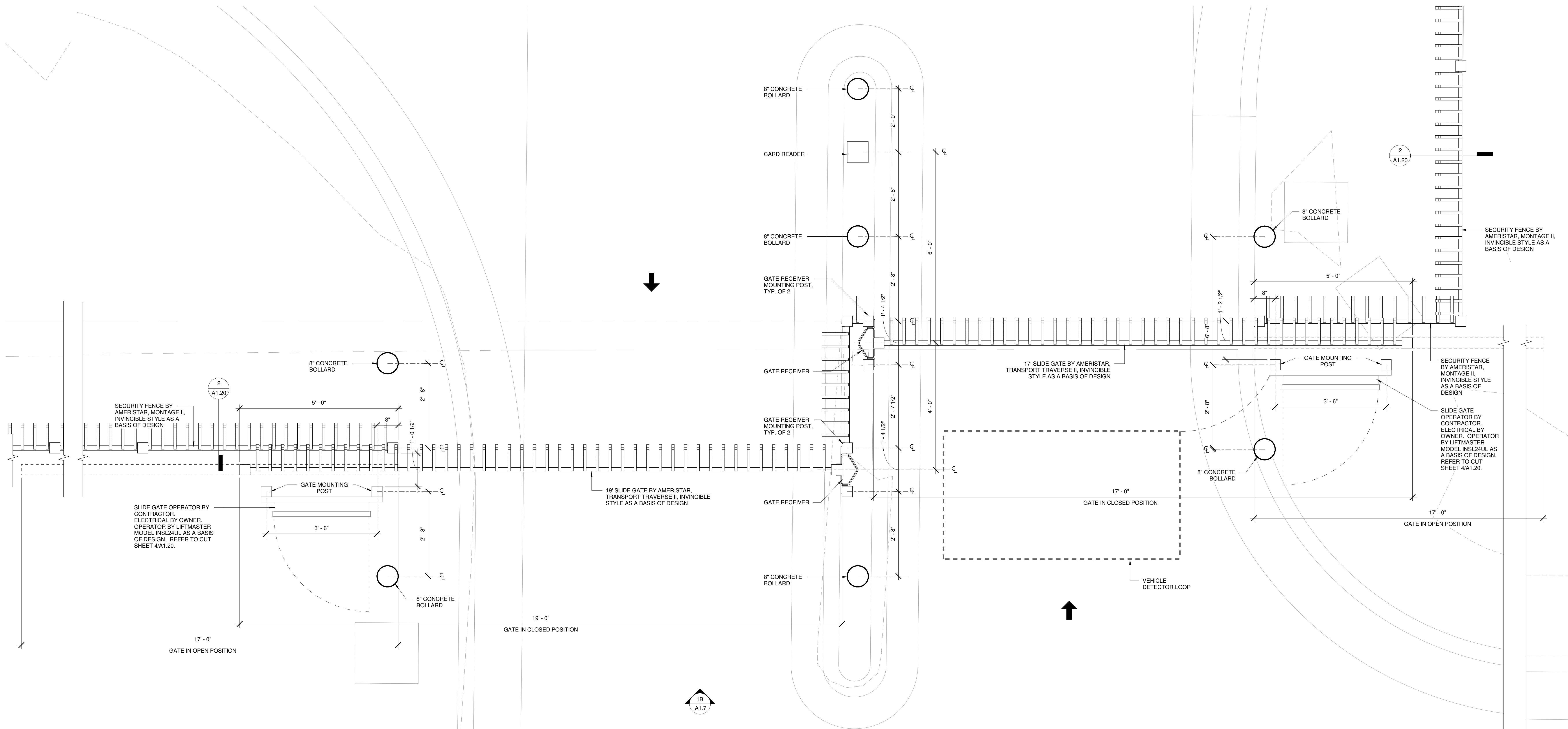
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ENLARGED GATE PLANS AND  
ELEVATIONS - PHASE 1

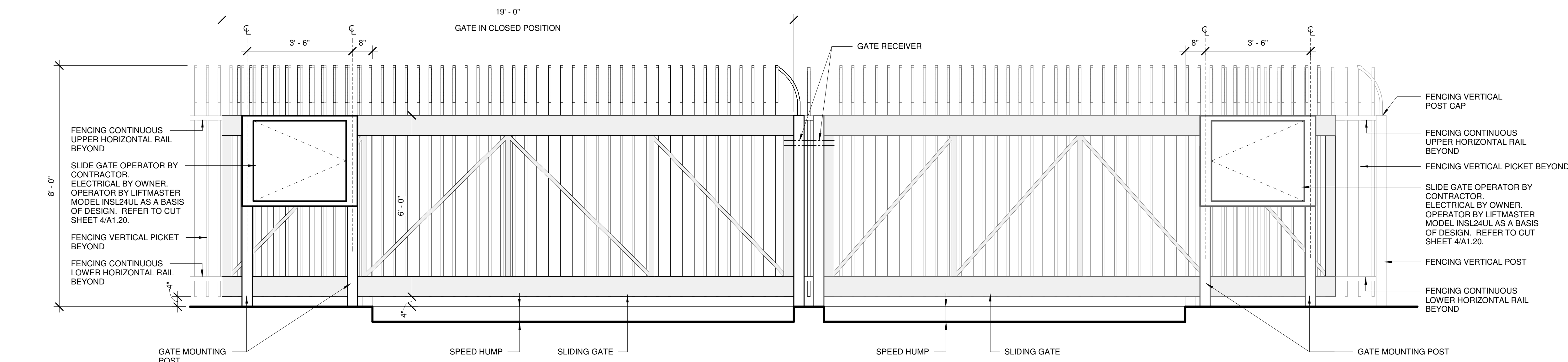
Title:

**A1.7**

Sheet:



**1A**  
**A1.7** ENLARGED PLAN - SLIDE GATES - PHASE 1 (PLAN ROTATED FROM SITEPLAN)  
SCALE: 3/4" = 1'-0"  
FEET  
2 0 2 4 6



**1B**  
**A1.7** ENLARGED ELEVATION - SLIDE GATES 1 - PHASE 1  
SCALE: 1/2" = 1'-0"  
FEET  
1 0 1 2 3 4 5

NOTE:  
REFER TO CIVIL DRAWINGS FOR  
FENCE LOCATION DIMENSIONS





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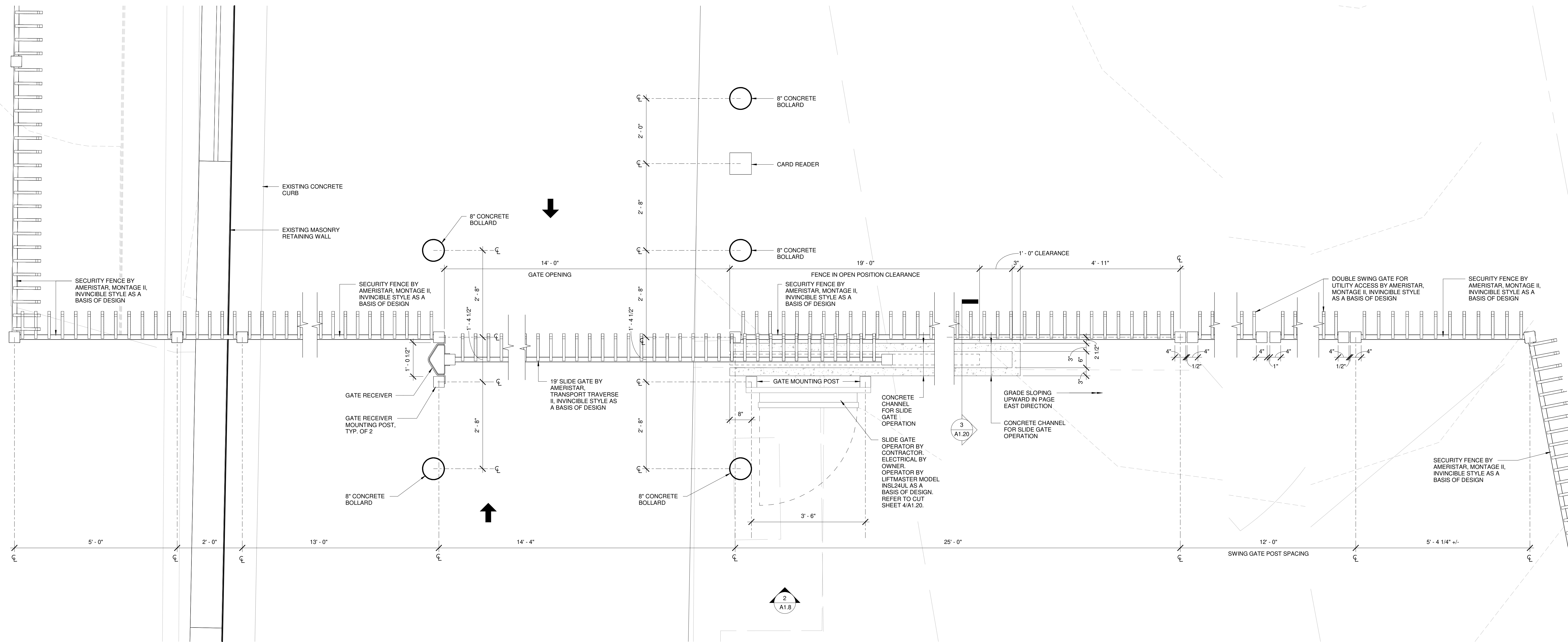
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ENLARGED GATE PLANS AND  
ELEVATIONS - PHASE 1

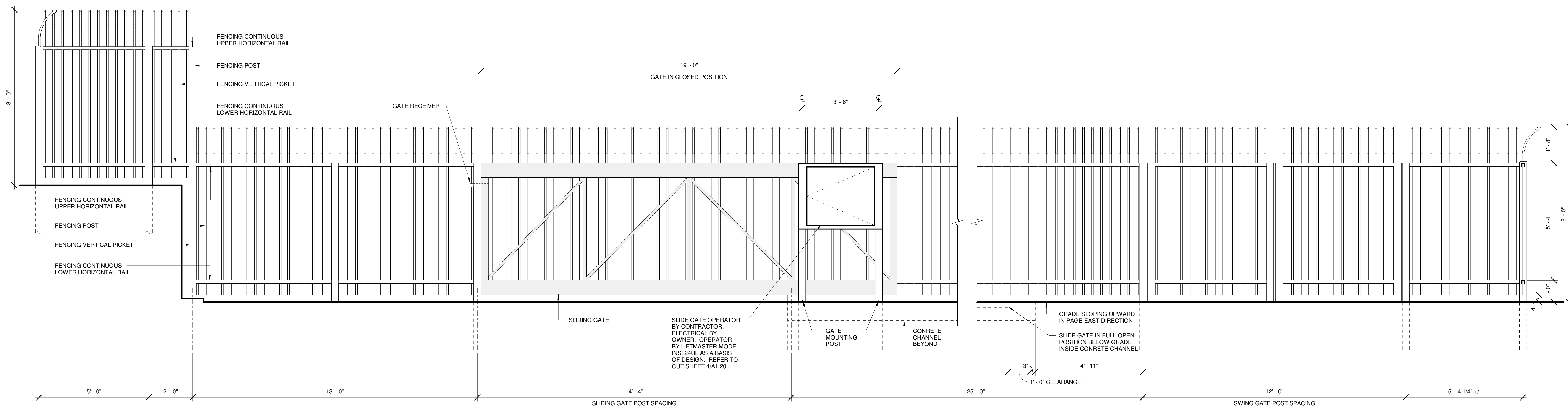
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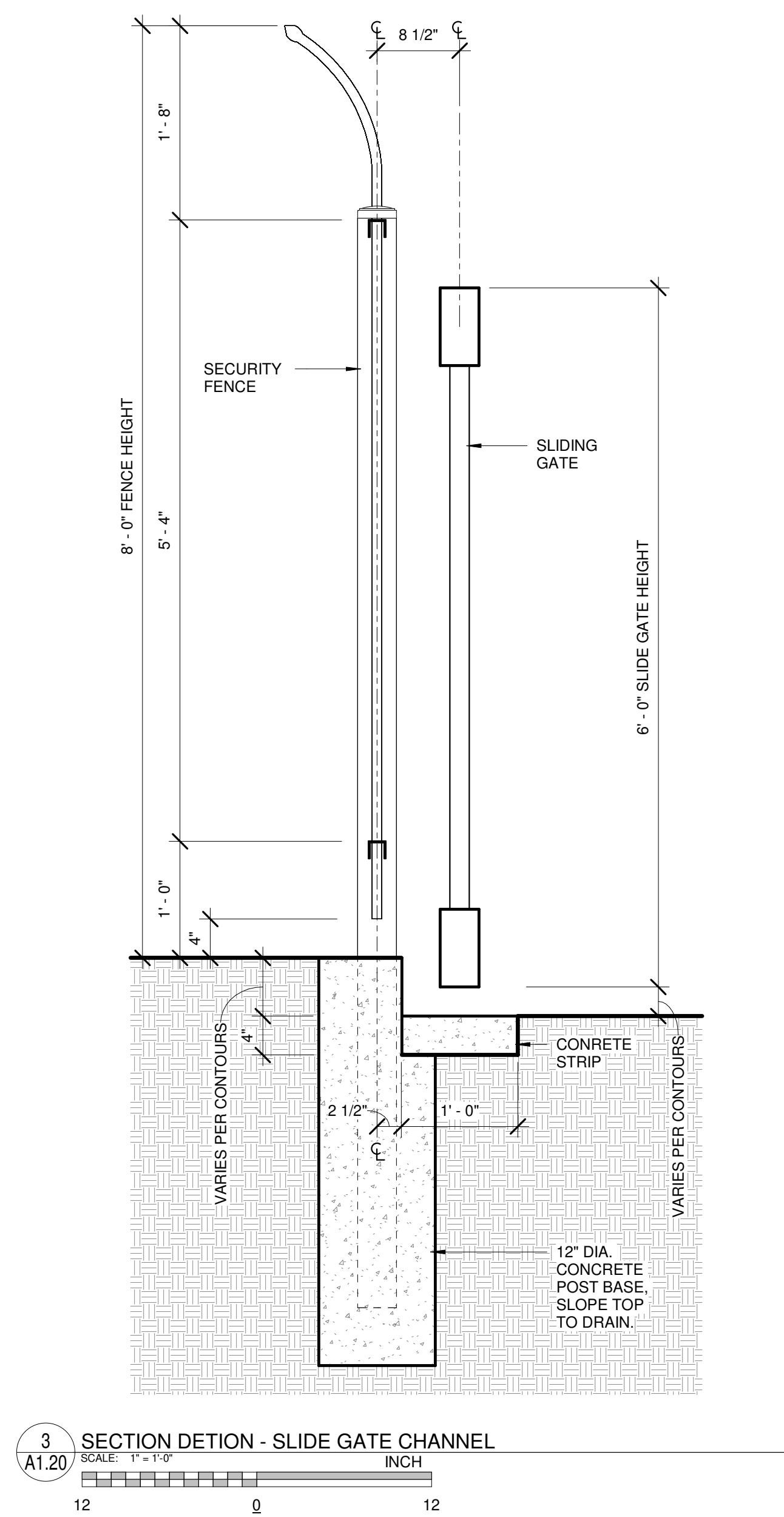
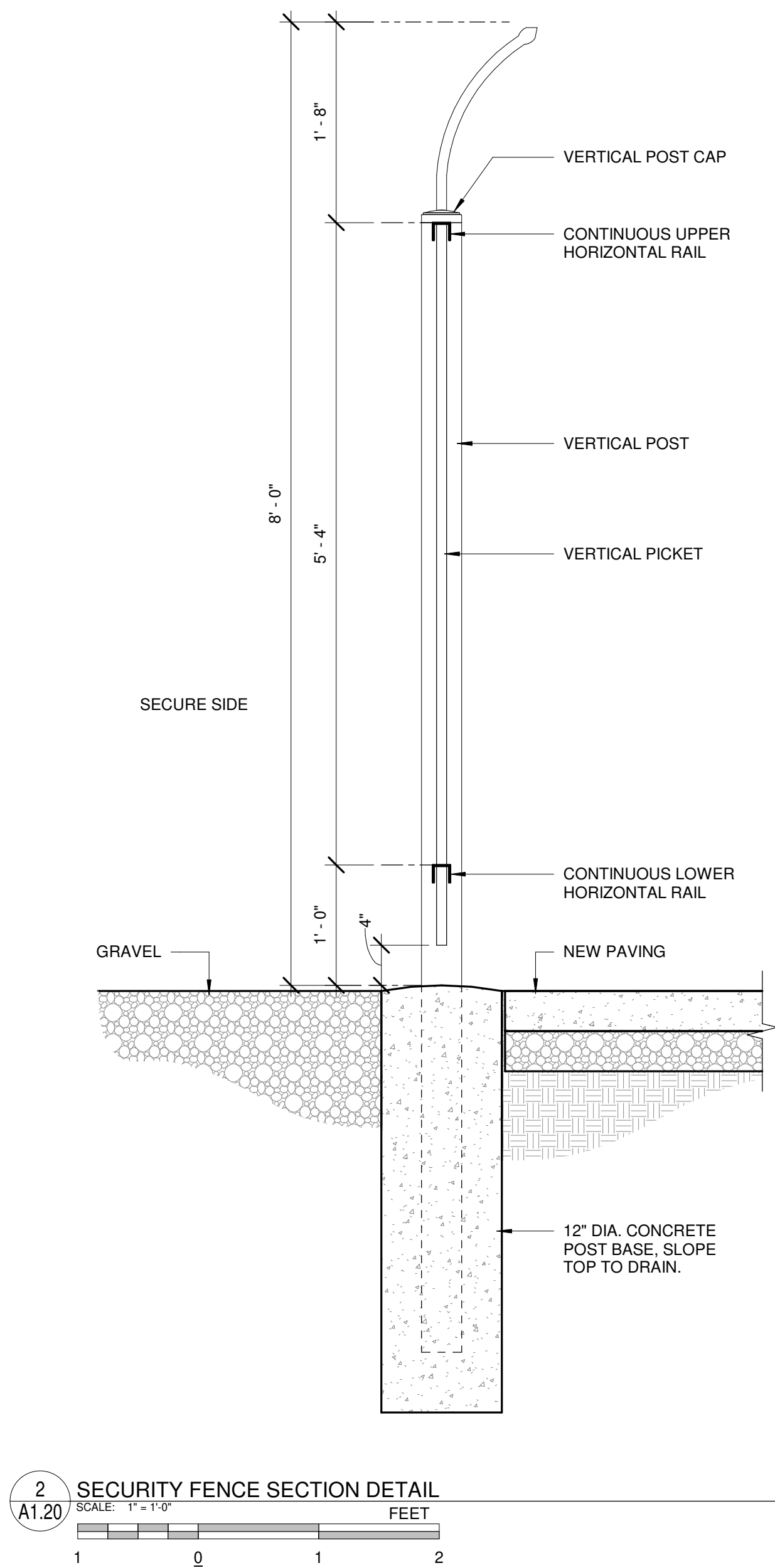
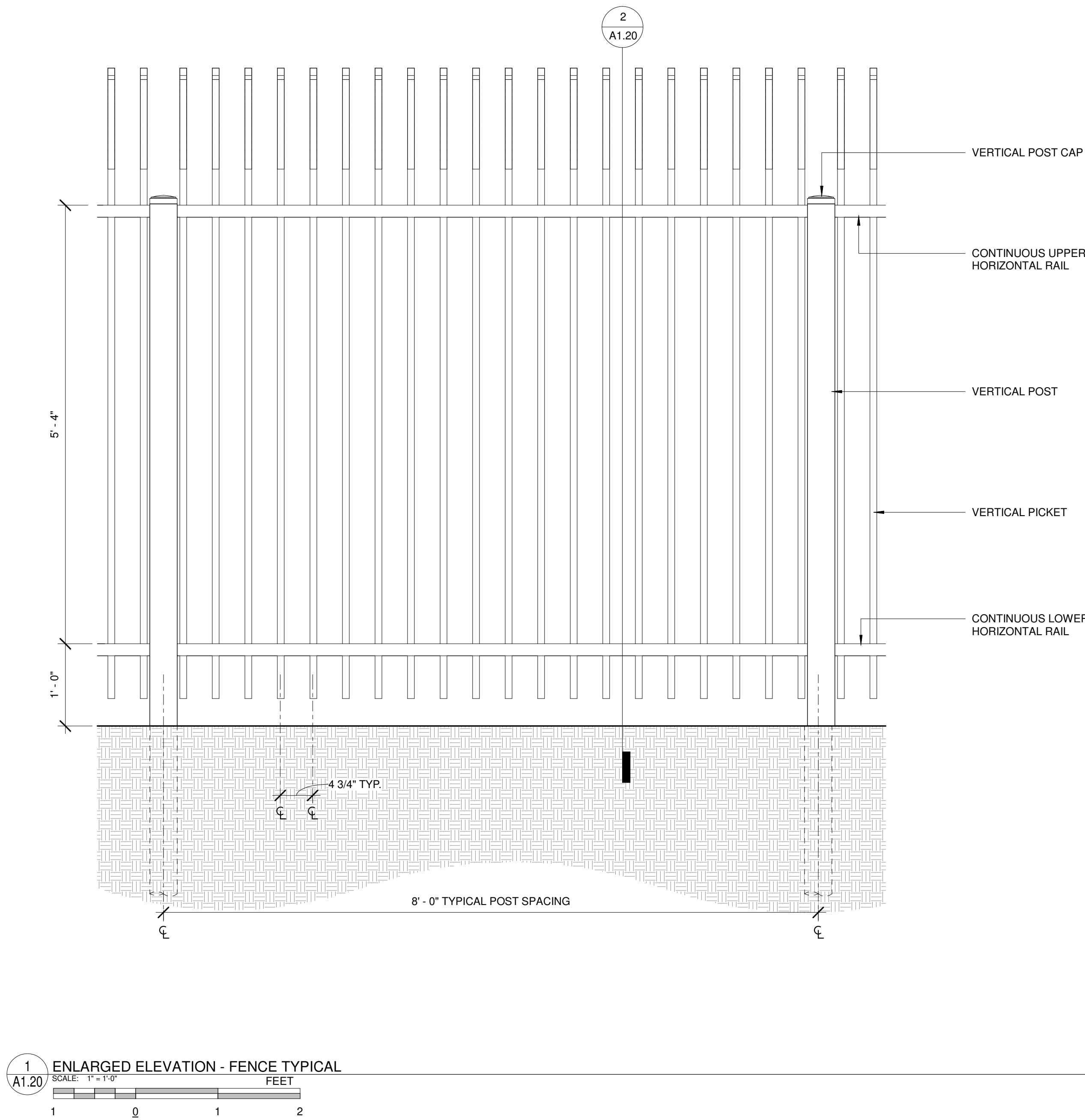


**1**  
A1.8  
ENLARGED PLAN - SLIDE AND DOUBLE SWING GATES FOR UTILITY ACCESS - PHASE 1  
SCALE: 3/4" = 1'-0"  
FEET  
2 0 2 4 6



**2**  
A1.8  
ENLARGED ELEVATION - SLIDE AND DOUBLE SWING GATES FOR UTILITY ACCESS - PHASE 1  
SCALE: 1/2" = 1'-0"  
FEET  
1 0 1 2 3 4 5





## INSL24UL

24VDC Industrial  
Slide Gate Operator  
Section 32 31 00

### Key Features

Steel Cabinet  
Battery Backup  
Remote Control Access

### Internet Connectivity

Monitored Safety Devices  
Solar-Power Capabilities  
Diagnostic Display  
Wireless Dual-Gate Communication  
Dual-Gate Control  
Fire Department Compliant

### Limit Setting

Diagnostic Display

### Programmable Auxiliary Relays

Unauthorized Access Prevention

Homelink® Capability

### Specifications

#### Operator Speed

Power

#### Accessory Power

Operator Weight

Warranty

Temperature Specification

UL Usage Classification

### Construction

Motor

Operator Duty Rating

Chassis/Frame

Gear Reduction

Cover/Cabinet

Chain

Recommended Capacities

Weatherproof 14 gauge, NEMA 3R steel cabinet  
Yes  
Security+ 2/P 3-channel receiver will handle up to 50 remote controls (unlimited remotes with 811LMX/813LMX)  
myQ® Facility cloud connection and myQ capability for secure monitoring and control of gate operator from anywhere\*  
6 inputs (main and expansion board)  
Yes  
LED diagnostic display  
Eliminates expensive conduit costs and unsightly driveway scars  
Bi-part delay or synchronized close  
Allows gate to auto open upon loss of AC power or battery depletion;  
includes manual release  
Electronic  
LED diagnostic display  
2 programmable auxiliary relays accommodate more accessories such as warning lights/alarms  
Can be programmed with anti-tailgate or quick close capabilities  
Version 4 or higher

0.5 ft./sec. to 1 ft./sec.  
120/240VAC single phase, optional 3 phase kit for 208/230/460VAC and 575VAC  
24VDC 1 A max. output; switched and unswitched power  
129 lbs.  
5 years  
Without heater: -4°F (-20°C) to 140°F (60°C)  
with optional heater: -40°F (-40°C) to 140°F (60°C)  
II, III, IV

24VDC brushless motor with soft start/stop  
Continuous-duty  
Constructed with 1/4 in. powder coated steel for rust prevention  
Direct drive 40:1 gear ratio  
Powder-coated, 14 gauge steel cabinet, oil tight, weatherproof  
NEMA 3R lockable cabine  
#40  
Rated for gates up to 70 ft. in length and weighing up to 2200 lbs.

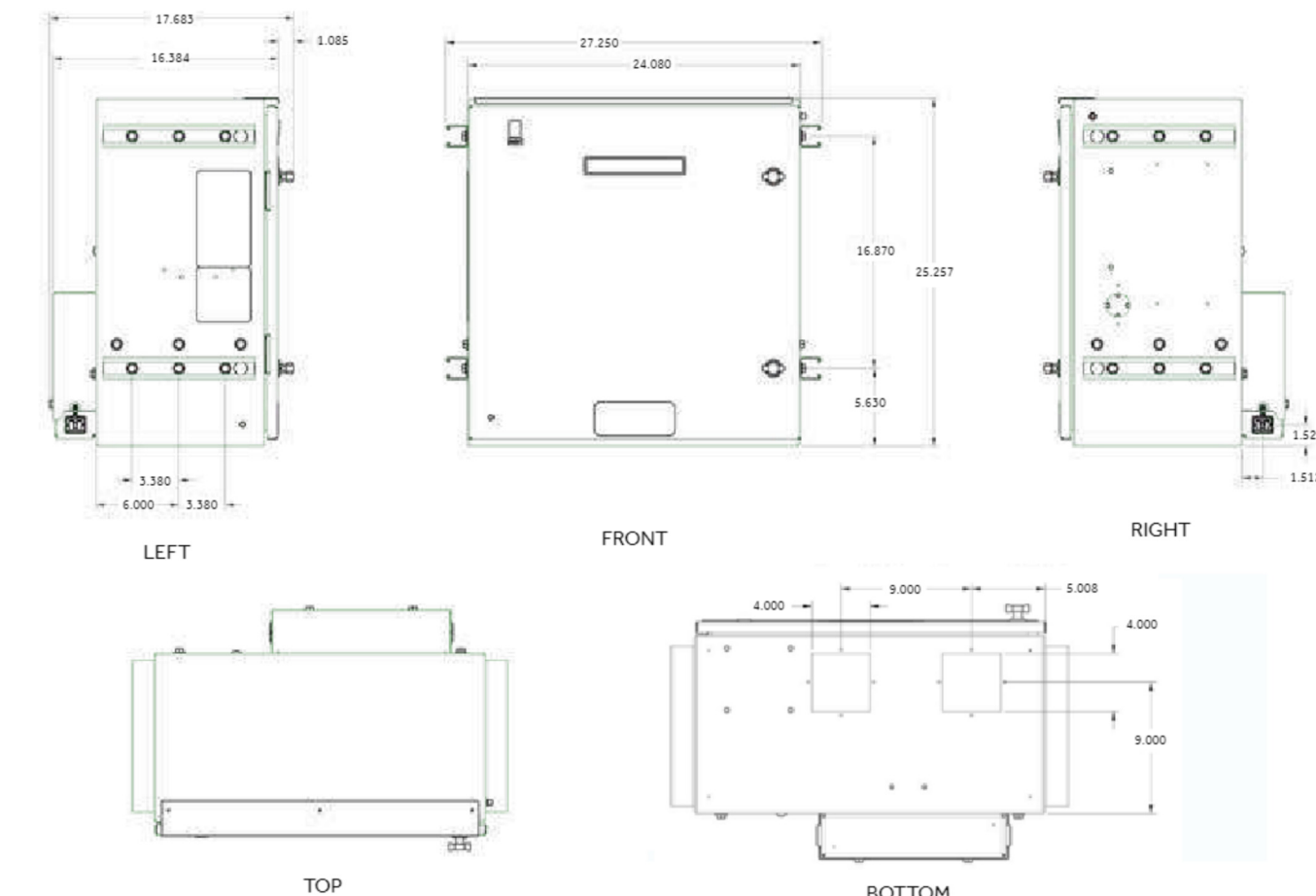
\*When linked with a myQ Facility capable access control, Cellular data or Wi-Fi connection required

LiftMaster  
POWERED BY myQ

## INSL24UL

24VDC Heavy-Duty  
Industrial Slide Gate Operator  
Section 32 31 00

### Dimensions

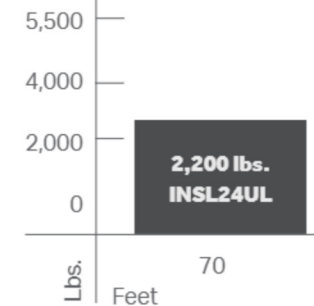


### Capacity

#### Battery Backup Operation

Battery	Cycles	Standby Time
7Ah	55	105 Days
33Ah	170	180 Days

#### Recommended Capacity



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