

# Aurora Fire Station Fencing

## FIRE STATION #4

### PROJECT TEAM

**ARCHITECTURE:**  
HB&A, LLC  
102 East Moreno Avenue  
Colorado Springs, CO 80903  
Ph: 719-473-7063  
www.hbaa.com

**STRUCTURAL:**  
MGA STRUCTURAL ENGINEERS, INC.  
115 S. Weber Street, Suite 101  
Colorado Springs, CO 80903  
Ph: 719-635-4473  
Fax: 719-635-4795

**ELECTRICAL & TECHNOLOGY:**  
BRIDGERS & PAXTON  
1365 Garden of the Gods Rd., Suite 260  
Colorado Springs, CO 80907  
Ph: 719-630-3350  
www.bpce.com

**CIVIL:**  
DREXEL, BARRELL & CO.  
1376 Miners Drive, Suite 107  
Lafayette, CO 80026  
Ph: 303-442-4338

**LANDSCAPE:**  
DHM DESIGN  
900 S. Broadway, Suite 300  
Denver, CO 80209  
Ph: 303-892-5566  
www.dhmdesign.com

### BUILDING CODES & SCOPE OF WORK

#### APPLICABLE CODES & REGULATIONS:

2021 International Building Code (IBC)  
2021 International Existing Building Code (IEBC)  
2021 International Fire Code (IFC)  
2021 International Energy Conservation Code (IECC)  
2021 International Mechanical Code (IMC)  
2021 International Fuel Gas Code (IFGC)  
2021 International Plumbing Code (IPC)  
2023 National Electrical Code (NEC)  
2017 ICC/ANSI A117.1 Accessibility Standard  
City of Aurora Amendments

#### SCOPE OF WORK

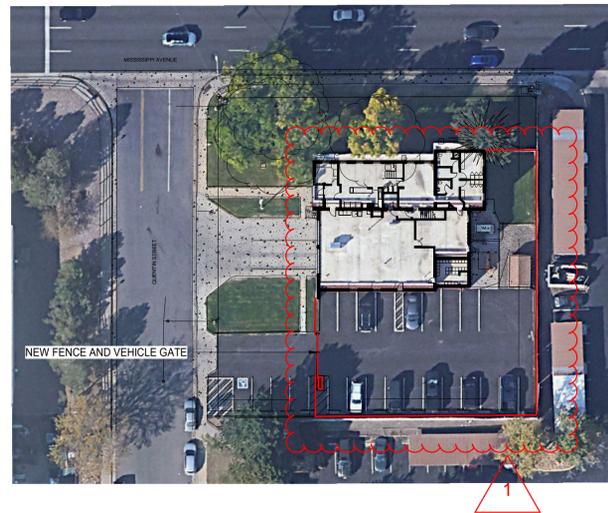
Construct new 6 ft. high metal security fence, automatic vehicular gates, and pedestrian gates at locations indicated in the plans. New vehicular access gates shall be either cantilevered sliding gate, or vertical pivot gate, as indicated. Install automatic gate operators with all accessories and apperences as required to meet applicable safety regulations and fire department requirements. Provide Knox key fire department access to all new vehicular and pedestrian gates.

Perform selective demolition and repair of landscaping, concrete, and asphalt as needed to install new fencing and gates, and as shown in the plans. Install new bollards and pedestals, pavement markings, and signage where indicated

Make all connections to existing electrical and low-volt services as required for a fully functional system. Install access controls for vehicular and pedestrian gates and connect to existing access control system.

Patch and repair existing building surfaces at all new penetrations through walls, floors, or ceilings. Seal all penetrations through exterior walls to maintain integrity of building envelope. Conceal new conduits as much as possible. Where new conduit and junction boxes are left exposed, paint to match adjacent surfaces.

2021 IBC, Section 3110.1 - *Automatic vehicular gates* shall comply with the requirements of Sections 3110.2 and 3110.3 and other applicable sections of this code.  
3110.2 Vehicular gates intended for automation shall be designed, constructed and installed to comply with the requirements of ASTM F2200.  
3110.3 Vehicular gate openers, where provided, shall be *listed* in accordance with UL 325.



### INDEX TO DRAWINGS

FS04 COVER SHEET  
C1 SITE PLAN  
L1 LANDSCAPE PLAN  
L2 LANDSCAPE PLAN  
SD-1 SITE DETAILS  
SD-2 SITE DETAILS  
SD-3 SITE DETAILS  
S-F FENCING FOUNDATION PLAN  
E-001 ELECTRICAL LEGEND  
ES101 ELECTRICAL SITE PLAN  
E-601 ELECTRICAL DIAGRAMS



### BUILDING INFORMATION

**BUILDING OCCUPANCY TYPES:**  
Group S-1 (Motor Vehicle Repair Garage)  
Group R-2 (Congregate Living Facility with more than 16 occupants)  
Group B (Assembly spaces with an area less than 750 SF)

**BUILDING HEIGHT AND AREA:**  
Overall Building Area = 6650 SF  
Building Height = Two Story, 22 FT.

Building Construction Type: V-B

**BUILDING OCCUPANT LOAD:**  
Total Occupant Load = 31  
(Group S-1 = 10)  
(Group R-2 = 21)  
(Group B = N/A)

BLDG #1307



PROJECT #R-2287

FIRE STATION #4

Aurora Fire Rescue  
1110 S. Quentin Street  
Aurora, Colorado 80012

### GENERAL NOTES

- DO NOT SCALE DRAWINGS.
- PROSPECTIVE BIDDERS MUST EXAMINE THE CONTRACT DOCUMENTS (DRAWINGS AND SPECIFICATIONS) CAREFULLY AND, BEFORE BIDDING, MUST REQUEST CLARIFICATION FROM THE ARCHITECT IN WRITING AT LEAST 14 DAYS PRIOR TO THE TIME SET FOR OPENING THE BIDS, AN INTERPRETATION OR CORRECTION OF EVERY PATENT AMBIGUITY, INCONSISTENCY, OR ERROR THEREIN. SUCH INTERPRETATION OR CORRECTION, AS WELL AS ANY ADDITIONAL CONTRACT PROVISIONS THE ARCHITECT MAY DECIDE TO INCLUDE, WILL BE ISSUED IN WRITING BY THE ARCHITECT AS AN ADDENDUM TO THE CONTRACT, WHICH WILL BE MAILED OR DELIVERED TO EACH PERSON RECORDED AS HAVING RECEIVED A COPY OF THE CONTRACT DOCUMENTS FROM THE ARCHITECT, AND WHICH WILL ALSO BE POSTED AT THE PLACE WHERE THE CONTRACT DOCUMENTS ARE AVAILABLE FOR INSPECTION OF PROSPECTIVE BIDDERS. UPON SUCH MAILING OR DELIVERY AND POSTING, SUCH ADDENDUM SHALL BECOME A PART OF THE CONTRACT DOCUMENTS, AND BINDING ON ALL BIDDERS. WHERE CLARIFICATIONS ARE NOT MADE PRIOR TO BIDDING THE CONTRACTOR SHALL PROVIDE THE BETTER QUALITY OR GREATER QUANTITY OF WORK WITH NO COST TO THE OWNER.
- DIMENSIONS SHOWN ARE TO FACE OF FOUNDATION WALL, FACE OF MASONRY, FACE OF STUD UNLESS OTHERWISE INDICATED. ALL DIMENSIONS MUST BE VERIFIED TO CONFORM TO EXISTING CONDITIONS.
- ALL BLOCK IS 8" NOMINAL WIDE UNLESS OTHERWISE NOTED BY DIMENSION OR PARTITION TYPES. MASONRY AND STUD WALL DIMENSIONS ARE NOMINAL.
- ALL ANGLES ARE 90 DEGREES OR 45 DEGREES UNLESS OTHERWISE NOTED.
- SITE PLAN DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- ALL SPOT ELEVATIONS OUTSIDE OF THE BUILDING RELATE TO SURVEY DATUM AT THE BENCHMARK. ALL SPOT ELEVATIONS INSIDE THE BUILDING REFER TO REFERENCE ELEVATION.
- NOTIFY ARCHITECT IMMEDIATELY SHOULD CONDITIONS BE FOUND CONTRADICTORY TO THESE DRAWINGS.
- PROVIDE BULLNOSE C.M.U. WHERE INDICATED ON DRAWINGS AND/OR AT ALL 90 DEGREE OUTSIDE CORNERS WITHIN THE PROJECT.
- ALL WORK TO BE BASED ON 2021 IBC AND LOCAL CODE REQUIREMENTS.
- CONTRACTOR SHALL HAVE ONE STAMPED PERMIT SET OF DRAWINGS AND SPECIFICATIONS ON SITE AT ALL TIMES.
- WATER RESISTANT (GREEN) GYP. BD. SHALL BE USED IN ALL WET OR EXTERIOR AREAS
- ALL REFERENCES TO SPECIFIC MANUFACTURERS ARE FOR REFERENCE ONLY AND CAN BE SUBSTITUTED BY AN APPROVED EQUAL. SUBMIT REQUESTS FOR SUBSTITUTIONS TO ARCHITECT.
- G.C. TO PROVIDE A FULLY INSULATED BLDG. ENVELOPE.
- THE CONTRACT DOCUMENTS INCLUDE THE PROJECT MANUAL AND SPECIFICATIONS AS ONE COMPLETE PACKAGE. IF THE CONTRACTOR CHOOSES TO SPLIT APART THE DRAWINGS OR SPECIFICATIONS DURING BIDDING TO PROCURE BIDS FROM SUBS HE SHALL BE RESPONSIBLE FOR COORDINATION WITH OTHER WORK SHOWN ON OTHER DRAWING SHEETS OR SPECIFICATION SECTIONS. IN NO WAY SHALL THIS RELIEVE THE SUB OR GENERAL CONTRACTOR FROM HIS RESPONSIBILITY TO PROVIDE ITEMS DESIGNATED ELSEWHERE.
- IN ALL OCCURRENCES OF PLANAR ALIGNMENTS (I.E. WALL TO SOFFIT, WALL TO MILLWORK, ETC.) UNLESS OTHERWISE SHOWN OR NOTED, PROVIDE A MINIMUM OF A 3" OFFSET. CLARIFY ANY AMBIGUITIES WITH ARCHITECT.
- PATCH, REPAIR, AND REFINISH EXISTING ITEMS TO REMAIN, TO THE SPECIFIED CONDITIONS FOR EACH MATERIAL, WITH A WORKMANLIKE TRANSITION TO ADJACENT NEW ITEMS OF CONSTRUCTION. WHERE NEW WORK ABUTS OR FINISHES FLUSH WITH EXISTING FINISH SURFACES WITH THE INTENT TO MATCH, REFINISH THE ENTIRE SURFACES AS NECESSARY TO PROVIDE AN EVEN FINISH.

### MATERIALS

	EARTH
	POROUS FILL
	ROCK
	CONCRETE
	BRICK
	CONCRETE BLOCK
	CEMENT, SAND, GROUT, PLASTER
	STONE
	STEEL
	FINISHED WOOD
	ROUGH WOOD
	SHIMS
	PLYWOOD
	GLASS
	ALUMINUM
	GYPSUM BOARD (GYP. BD.)
	BATT INSULATION
	RIGID INSULATION
	FIRESAFING
	CERAMIC TILE

### SYMBOLS

	FLOOR DRAIN
	NEW OR REQ'D. ELEVATION
	EXISTING CONTOURS
	NEW CONTOURS
	LEVEL/ELEV. INDICATOR
	KEYNOTE
	WINDOW TYPE
	GRID LINE
	ROOM NAME
	ROOM/SPACE NUMBER
	FRAME TYPE
	DOOR NUMBER
	DETAIL NUMBER
	DETAIL
	SHEET WHERE DRAWN
	BUILDING SECTIONS
	WALL SECTIONS
	ELEVATIONS
	ENLARGED PLAN OR ELEVATION
	PARTITION TYPES
	CENTERLINE, GRIDS
	PROPERTY, BOUNDARY LINES
	MATCH LINE

### ARCHITECTURAL ABBREVIATIONS

AB	ANCHOR BOLTS	BEA	BEST AVAILABLE	LAV	LAVATORY	R&R	REMOVE AND REPLACE
ABV	ABOVE	BEA	BEST AVAILABLE	LD BRG	LOAD BEARING	RD	ROOF DRAIN
AC	ACOUSTICAL	BEA	BEST AVAILABLE	LMC	LIBRARY MEDIA CENTER	RDL	ROOF DRAIN LEADER
AD	AREA DRAIN	BEA	BEST AVAILABLE	LOUV	LOUVER	RM	ROOM
ADD	ADDENDUM	BEA	BEST AVAILABLE	LT	LIGHT	RO	ROUGH OPENING
ADJ	ADJUSTABLE/ADJACENT	BEA	BEST AVAILABLE	MANUF/MANF	MANUFACTURER	RE	REFER, REFERENCE
AFF	ABOVE FINISHED FLOOR	BEA	BEST AVAILABLE	MAS	MASONRY	RE	RISE
ALT	ALTERNATIVE, ALTERNATE	BEA	BEST AVAILABLE	MATL	MATERIAL	SAG	SUSPENDED ACOUSTICAL GRID
ALUM/AL	ALUMINUM	BEA	BEST AVAILABLE	MAX	MAXIMUM	SAT	SUSPENDED ACOUSTICAL TILE
AP	ACCESS PANEL	BEA	BEST AVAILABLE	MB	MARKER BOARD	SCH	SCHEDULES
ANGLE	ANGLE	BEA	BEST AVAILABLE	MC	MECHANICAL CONTRACTOR	SEP	SEPERATE
APPROX	APPROXIMATE	BEA	BEST AVAILABLE	MECH	MECHANICAL	SHT	SHEET
ARCH	ARCHITECTURAL/ARCHITECT	BEA	BEST AVAILABLE	MIL/MM	MILLI/METER	SIM	SIMILAR
AUTO	AUTOMATIC	BEA	BEST AVAILABLE	MIN	MINIMUM	SPEC	SPECIFICATIONS/SPECIFIED
A.V.	AUDIO VIDEO	BEA	BEST AVAILABLE	MINUS	MINUS	SQ	SQUARE
BD	BOARD	BEA	BEST AVAILABLE	MISC	MISCELLANEOUS	SQ FT/SF	SQUARE FOOT/SQUARE FEET
BLK	BLOCK	BEA	BEST AVAILABLE	NO	NO	SQ IN	SQUARE INCH
BLKG	BLOCKING	BEA	BEST AVAILABLE	MT/MTM	MOUNT, MOUNTED	SQ YD	SQUARE YARD
BLDG	BUILDING	BEA	BEST AVAILABLE	MTG	MEETING / MEETING	STL	STANDARD
BM	BENCH MARK	BEA	BEST AVAILABLE	NTS	NOT TO SCALE	STOR	STORAGE
B.M.	BOTTOM	BEA	BEST AVAILABLE	OC	ON CENTER	STRUC	STRUCTURAL
BOT	BOTTOM	BEA	BEST AVAILABLE	OD	OUTSIDE DIA/OVERFLOW DRAIN	ST	STRAIGHT
BR	BACKER ROD	BEA	BEST AVAILABLE	OF, OFD	OVER FLOW DRAIN	TELE	TELEPHONE
BRG	BEARING	BEA	BEST AVAILABLE	OPNG	OPENING	THK	THICK
CABT	CABINET	BEA	BEST AVAILABLE	OPP	OPPOSITE	T&B	TOP AND BOTTOM
CB	CHALKBOARD	BEA	BEST AVAILABLE	ORIG	ORIGINAL	T&G	TONGUE & GROOVE
CBM	CEMENT	BEA	BEST AVAILABLE	ORIG	ORIGINAL	TLT / TOIL	TOILET
CEM PLAS	CEMENT PLASTER	BEA	BEST AVAILABLE	PL	PLATE	T.O.M.	TOP OF MASONRY
CI	CAST IRON	BEA	BEST AVAILABLE	PLAS LAM	PLASTIC LAMINATE	TS	TURE STEEL
CJ	CAST IN PLACE	BEA	BEST AVAILABLE	PLN	PLAN	TS	TREADS
CJ	CAST IN PLACE	BEA	BEST AVAILABLE	PLNG	PLUMBING	TOW	TOP OF WALL
CL	CENTER LINE	BEA	BEST AVAILABLE	PNT	PAINTED	TRANSF	TRANSFORMER
CL	CENTER LINE	BEA	BEST AVAILABLE	PAR	PAIR	TYP	TYPICAL
CLG	CEILING	BEA	BEST AVAILABLE	PLYWD	PLYWOOD	UNF	UNFINISHED
CLR	CLEAR	BEA	BEST AVAILABLE	PL	PROPERTY LINE	UNO	UNLESS NOTED OTHERWISE
CMU	CONCRETE MASONRY UNIT	BEA	BEST AVAILABLE	POL YISO	POLYISOCYANURATE	VCT	VINYL COMPOSITION TILE
COL	COLUMN	BEA	BEST AVAILABLE	PLNG	PLUMBING	VERT	VERTICAL
COMP	COMPOSITE	BEA	BEST AVAILABLE	PNT	PAINTED	VS	VENT STACK
CONC	CONCRETE	BEA	BEST AVAILABLE	PLYWD	PLYWOOD	VWC	VINYL WALL COVERING
CONF	CONFERENCE	BEA	BEST AVAILABLE	PLNG	PLUMBING	WC	WATER CLOSET
CONSTR	CONSTRUCTION	BEA	BEST AVAILABLE	PLNG	PLUMBING	W	WASHER
CONT	CONTINUOUS	BEA	BEST AVAILABLE	PLNG	PLUMBING	WD	WINDOW
CONTR	CONTRACTOR	BEA	BEST AVAILABLE	PLNG	PLUMBING	W/O	WITHOUT
CORR	CORRIDOR	BEA	BEST AVAILABLE	PLNG	PLUMBING	WF	WOOD
CORR	CORRIDOR	BEA	BEST AVAILABLE	PLNG	PLUMBING	WF	WOOD
CP	CENTER POINT	BEA	BEST AVAILABLE	PLNG	PLUMBING	WK	WORK
CR	CLASSROOM	BEA	BEST AVAILABLE	PLNG	PLUMBING	WR	WATER RESISTANT
CR	CERAMIC TILE	BEA	BEST AVAILABLE	PLNG	PLUMBING	@	AT
CTS	COUNTERSINK	BEA	BEST AVAILABLE	PLNG	PLUMBING		
CTS	COUNTERSINK	BEA	BEST AVAILABLE	PLNG	PLUMBING		
DBL	DOUBLE	BEA	BEST AVAILABLE	PLNG	PLUMBING		
DEMO	DEMOLITION	BEA	BEST AVAILABLE	PLNG	PLUMBING		
DES	DEGREE	BEA	BEST AVAILABLE	PLNG	PLUMBING		
DET/OTL	DETAIL	BEA	BEST AVAILABLE	PLNG	PLUMBING		
DF	DIAMETER	BEA	BEST AVAILABLE	PLNG	PLUMBING		
DIAG	DIAGONAL	BEA	BEST AVAILABLE	PLNG	PLUMBING		
DIM	DIMENSION	BEA	BEST AVAILABLE	PLNG	PLUMBING		
DR	DOOR	BEA	BEST AVAILABLE	PLNG	PLUMBING		
DO	DOOR OPENING	BEA	BEST AVAILABLE	PLNG	PLUMBING		
DN	DOWN	BEA	BEST AVAILABLE	PLNG	PLUMBING		
DS	DOWNSPOUT	BEA	BEST AVAILABLE	PLNG	PLUMBING		
DWG	DRAWING	BEA	BEST AVAILABLE	PLNG	PLUMBING		
EA	ELECTRICAL CONTRACTOR	BEA	BEST AVAILABLE	PLNG	PLUMBING		
ED	EDUCATION	BEA	BEST AVAILABLE	PLNG	PLUMBING		
EF	EXHAUST FAN	BEA	BEST AVAILABLE	PLNG	PLUMBING		
EJ	EXPANSION JOINT	BEA	BEST AVAILABLE	PLNG	PLUMBING		
EL	ELEVATION	BEA	BEST AVAILABLE	PLNG	PLUMBING		
ELEV	ELEVATION/ELEVATOR	BEA	BEST AVAILABLE	PLNG	PLUMBING		
EMER	EMERGENCY	BEA	BEST AVAILABLE	PLNG	PLUMBING		
ENCL	ENCLOSURE	BEA	BEST AVAILABLE	PLNG	PLUMBING		
ENG	ENGINEER/ENGINEERING	BEA	BEST AVAILABLE	PLNG	PLUMBING		
EQ	ELECTRIC PANEL	BEA	BEST AVAILABLE	PLNG	PLUMBING		
EQ	ELECTRIC PANEL	BEA	BEST AVAILABLE	PLNG	PLUMBING		
ETC/ETC	ELECTRIC WATER COOLER	BEA	BEST AVAILABLE	PLNG	PLUMBING		
EW	EACH WAY	BEA	BEST AVAILABLE	PLNG	PLUMBING		
EX, EXIST	EXISTING	BEA	BEST AVAILABLE	PLNG	PLUMBING		
EXT	EXTERIOR	BEA	BEST AVAILABLE	PLNG	PLUMBING		
FB	FIBERGLASS	BEA	BEST AVAILABLE	PLNG	PLUMBING		
FD	FLOOR DRAIN	BEA	BEST AVAILABLE	PLNG	PLUMBING		
FE	FIRE EXTINGUISHER CABINET	BEA	BEST AVAILABLE	PLNG	PLUMBING		
FF	FINISH FLOOR	BEA	BEST AVAILABLE	PLNG	PLUMBING		
FIN	FINISH	BEA	BEST AVAILABLE	PLNG	PLUMBING		
FLASH	FLASHING	BEA	BEST AVAILABLE	PLNG	PLUMBING		
FLR	FLOOR	BEA	BEST AVAILABLE	PLNG	PLUMBING		
FLUR	FLOOR MAT	BEA	BEST AVAILABLE	PLNG	PLUMBING		
F.M.	FACE OF MASONRY	BEA	BEST AVAILABLE	PLNG	PLUMBING		
F.O.M.	FACE OF MASONRY	BEA	BEST AVAILABLE	PLNG	PLUMBING		
FRP	FIBER-REINFORCED PLASTIC	BEA	BEST AVAILABLE	PLNG	PLUMBING		
F.R.	FIRE RESISTANT	BEA	BEST AVAILABLE	PLNG	PLUMBING		
FS	FLOOR SINK	BEA	BEST AVAILABLE	PLNG	PLUMBING		
FT	FOOTING	BEA	BEST AVAILABLE	PLNG	PLUMBING		
FTG	FLOOR FINISH	BEA	BEST AVAILABLE	PLNG	PLUMBING		
FURR	FURRING	BEA	BEST AVAILABLE	PLNG	PLUMBING		
F.V.	FIELD VERIFY	BEA	BEST AVAILABLE	PLNG	PLUMBING		
GALV	GALVANIZED	BEA	BEST AVAILABLE	PLNG	PLUMBING		
GL	GLASS	BEA	BEST AVAILABLE	PLNG	PLUMBING		
GL	GALVANIZED IRON/STEEL	BEA	BEST AVAILABLE	PLNG	PLUMBING		
GA	GAUGE/GAGE	BEA	BEST AVAILABLE	PLNG	PLUMBING		
GWB/GYP BD	GYPSUM BOARD	BEA	BEST AVAILABLE	PLNG	PLUMBING		
GYP PLAS	GYPSUM PLASTER	BEA	BEST AVAILABLE	PLNG	PLUMBING		
HC	HANDICAPPED	BEA	BEST AVAILABLE	PLNG	PLUMBING		
HDWE	HARDWARE	BEA	BEST AVAILABLE	PLNG	PLUMBING		
HR	HOUR	BEA	BEST AVAILABLE	PLNG	PLUMBING		
HT	HEIGHT	BEA	BEST AVAILABLE	PLNG	PLUMBING		
HT	HEAD	BEA	BEST AVAILABLE	PLNG	PLUMBING		
HDR	HOLLOW METAL	BEA	BEST AVAILABLE	PLNG	PLUMBING		
HM	HORIZONTAL	BEA	BEST AVAILABLE	PLNG	PLUMBING		
HORIZ	HORIZONTAL	BEA	BEST AVAILABLE	PLNG	PLUMBING		
HB	HOLLOW METAL	BEA	BEST AVAILABLE	PLNG	PLUMBING		
INCL	INCLUSIVE	BEA	BEST AVAILABLE	PLNG	PLUMBING		
ID	INSIDE DIAMETER	BEA	BEST AVAILABLE	PLNG	PLUMBING		
INST	INSTRUMENT	BEA	BEST AVAILABLE	PLNG	PLUMBING		
INSUL	INSULATION	BEA	BEST AVAILABLE	PLNG	PLUMBING		
INT	INTERIOR	BEA	BEST AVAILABLE	PLNG	PLUMBING		
JAN	JANITOR	BEA	BEST AVAILABLE	PLNG	PLUMBING		
JT	JOINT	BEA	BEST AVAILABLE	PLNG	PLUMBING		
JST	JOINT	BEA	BEST AVAILABLE	PLNG	PLUMBING		
KO	KNOCK OUT	BEA	BEST AVAILABLE	PLNG	PLUMBING		

### CITY OF AURORA - COORDINATION SIGNATURES

PUBLIC WORKS - FACILITIES / SIGNATURE	TITLE	DATE
DEPARTMENT / SIGNATURE	TITLE	DATE

PROJ. NO. R-2287

DRAWN: CR

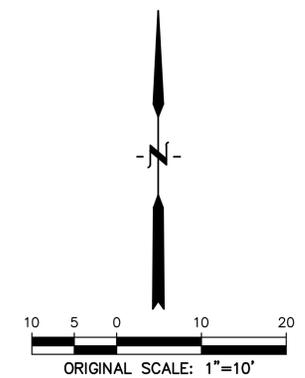
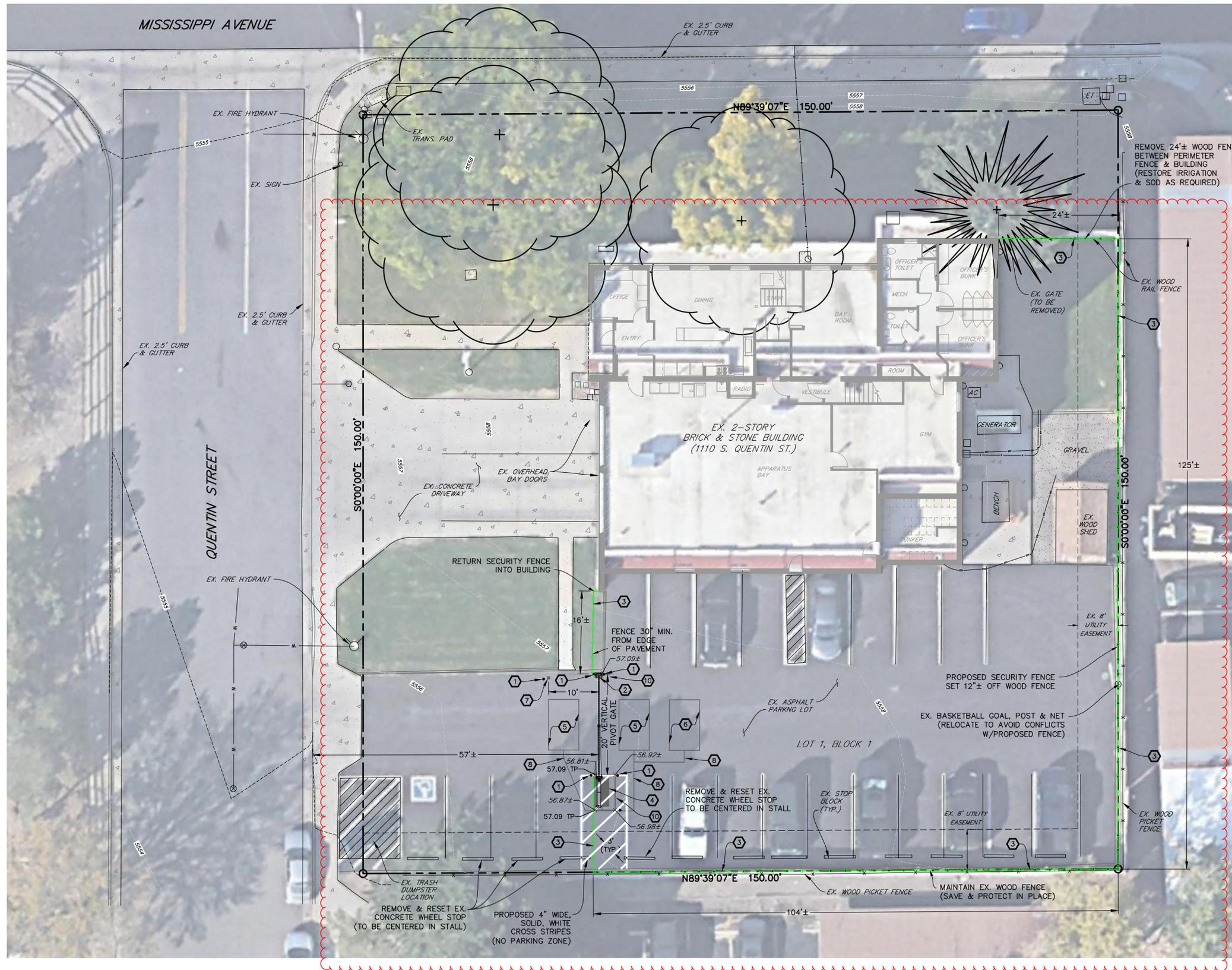
CHECKED: TL

CADD FILE:

DATE: 02/22/2024

NO.	DATE	DESCRIPTION
11/0		

**PROJECT BENCHMARK:**  
 CITY OF AURORA BENCHMARK  
 ID NO. M-022  
 PUBLISHED ELEVATION = 5557.97  
 (BASED ON NAVD, 88 DATUM)



**LEGEND**

- PROPERTY LINE .....
- EX. FENCE .....
- EX. FIRE HYDRANT .....
- EX. WATER VALVE .....
- EX. SIGN .....
- EX. TREE .....
- EX. WATER METER .....
- EX. MANHOLE .....
- EX. WATER LINE .....
- EX. BURIED ELECTRIC LINE .....
- EX. POWER POLE .....
- EX. STREET LIGHT .....
- EX. CONCRETE .....
- EX. GRAVEL .....
- EX. INTERMEDIATE CONTOUR .....
- EX. INDEX CONTOUR .....
- PROPOSED FENCE .....
- EX. SPOT ELEVATIONS .....
- TOP OF CONCRETE PAD .....
- PROPOSED SPOT ELEVATION .....

NOTE:  
 1. ADD 5500 TO ALL SPOT ELEVATIONS

**CONSTRUCTION NOTES**

1. INSTALL 6-INCH DIA. STEEL BOLLARD. (REFER TO LANDSCAPE PLANS FOR DETAIL.)
2. CONSTRUCT 13"x18" CONCRETE YOKE PAD. (REFER TO STRUCTURAL PLANS FOR DETAIL.)
3. INSTALL 6-FOOT HIGH METAL SECURITY FENCE. (REFER TO LANDSCAPE PLANS FOR DETAIL.)
4. INSTALL LEFT-HAND VERTICAL PIVOT GATE OPERATOR & 4'x7' CONCRETE PAD. (REFER TO ELECTRICAL & STRUCTURAL PLANS FOR DETAILS.)
5. SAW CUT ASPHALT, INSTALL UNDERGROUND REVERSING LOOP (STANDARD SIZE 6'x10') & ADD SEALANT. REFER TO MANUFACTURER'S SPECIFICATIONS.
6. SAW CUT ASPHALT, INSTALL UNDERGROUND FREE EXIT LOOP (STANDARD SIZE 6'x10') & ADD SEALANT. REFER TO MANUFACTURER'S SPECIFICATIONS.
7. INSTALL KEY PAD/CARD READER. (REFER TO ELECTRICAL PLANS FOR DETAIL.)
8. INSTALL 4-FOOT WIDE PEDESTRIAN SECURITY GATE. (REFER TO LANDSCAPE PLANS FOR DETAIL.)
9. SAWCUT ASPHALT, INSTALL LOOP HOMERUNS, & ADD SEALANT. REFER TO MANUFACTURER'S SPECIFICATIONS.
10. SAWCUT & REMOVE EX. ASPHALT PAVEMENT AS NECESSARY TO FACILITATE PROPOSED CONSTRUCTION. RECONSTRUCT TO MATCH EXISTING GRADES & PAVEMENT THICKNESS.



CALL UTILITY NOTIFICATION  
 CENTER OF COLORADO  
 811  
 CALL 3-BUSINESS DAYS IN ADVANCE  
 BEFORE YOU DIG, GRADE, OR EXCAVATE  
 FOR THE MARKING OF UNDERGROUND  
 MEMBER UTILITIES.



BLDG #1307  
 PROJECT #R-2287

**FIRE STATION #4**  
 Aurora Fire Rescue  
 1110 S. Quentin St.  
 Aurora, Colorado 80012

PROJ. NO. R-2287  
 DRAWN: MTO  
 CHECKED: CWK  
 CADD FILE:  
 DATE: 02/22/2024

NO.	DATE	DESCRIPTION
11/08/23		Construction Documents
01/12/24		Bid Documents
02/22/24		Building Permit Set

**FIRE STATION #4**  
 AURORA FIRE RESCUE  
 CONSTRUCTION DRAWING SET  
 SHEET TITLE:  
 SITE PLAN

SCALE: 1"=10'  
 SHEET NUMBER:

**C1**



**BLDG #1307**  
**FIRE STATION #4**  
**Aurora Fire Rescue**  
**1110 S. Quentin St.**  
**Aurora, Colorado 80012**

PROJ. NO. R-2287  
DRAWN: CS  
CHECKED: MW  
CADD FILE:  
DATE: 02/22/2024

NO.	DATE	DESCRIPTION
11/08/23		Construction Documents
01/12/24		Bid Documents
02/22/24		Building Permit Set

FIRE STATION #4  
AURORA FIRE RESCUE  
CONSTRUCTION DRAWING SET

SHEET TITLE:  
LANDSCAPE PLAN

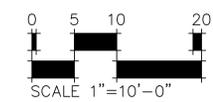
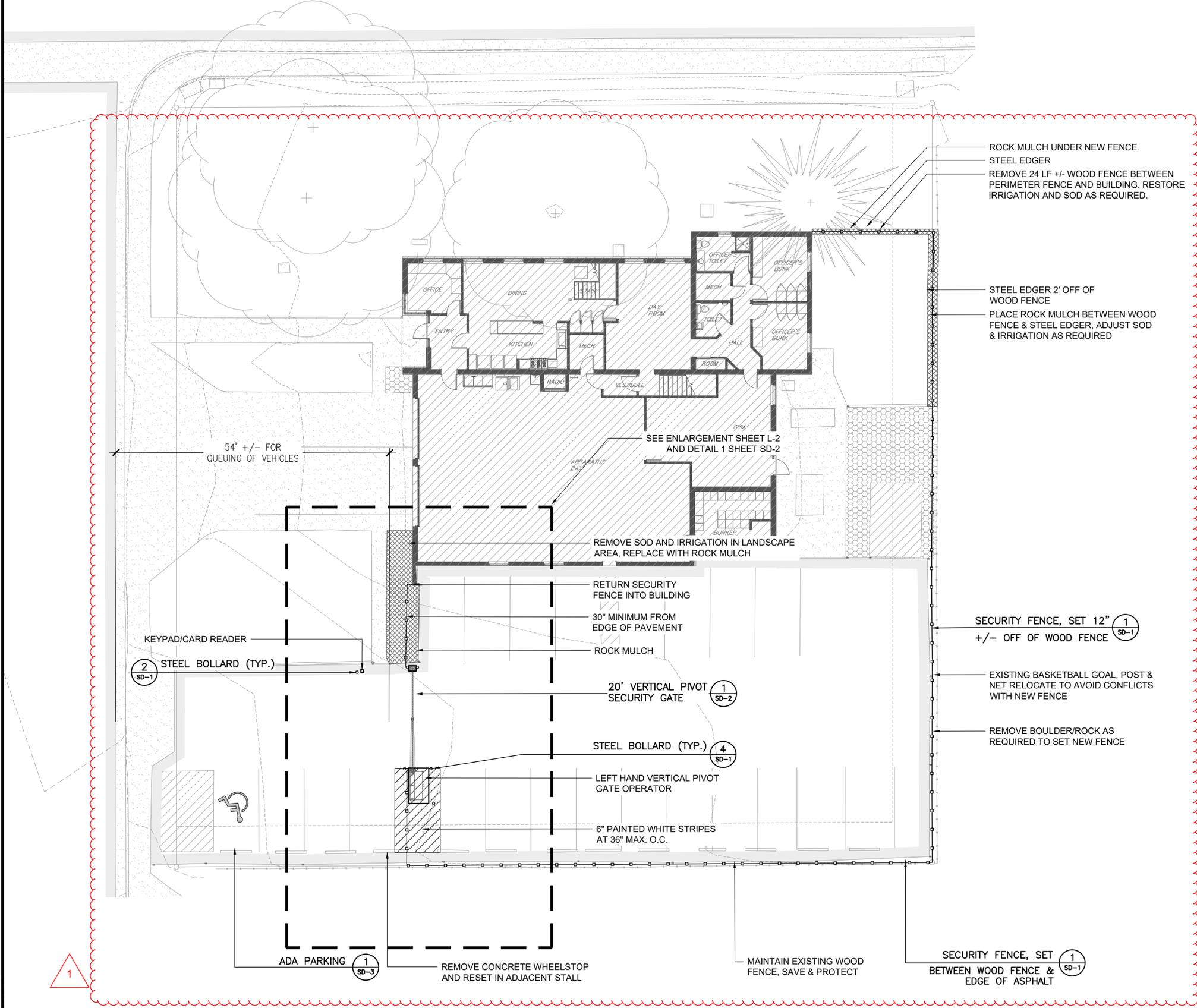
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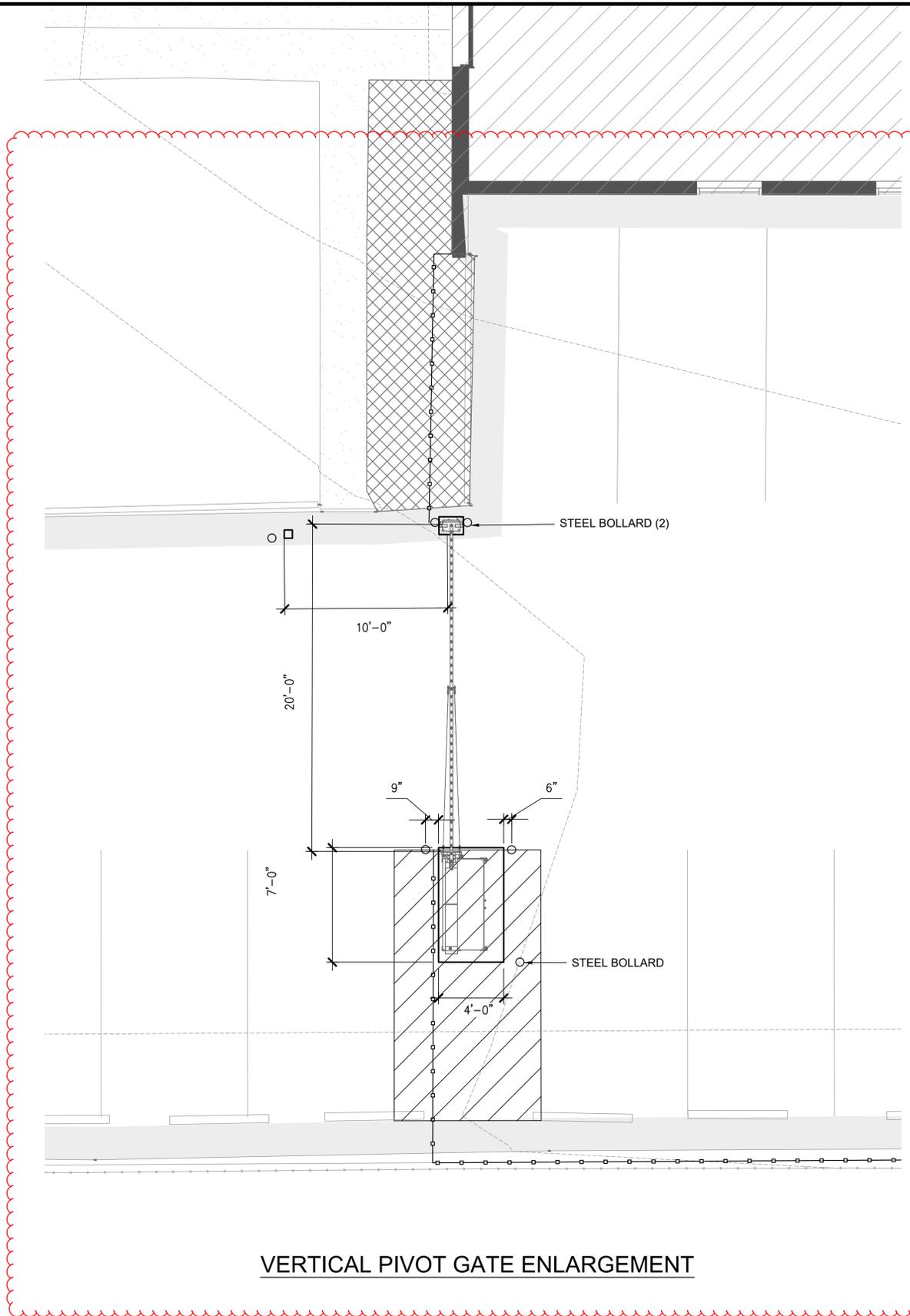
**L1**

**LEGEND**

-  ROCK MULCH
-  SECURITY FENCE
-  STEEL EDGER

NOTE:  
THE DEVELOPER, HIS OR HER SUCCESSORS, AND ASSIGNS SHALL BE RESPONSIBLE FOR INSTALLATION, MAINTENANCE, AND REPLACEMENT OF THE ACCESS CONTROL GATE OR BARRIER SYSTEM TO ENSURE EMERGENCY VEHICLE ACCESS TO WITHIN THE SITE. IF THE ABOVE CONDITIONS ARE NOT MET, THE OWNERS, HIS OR HER SUCCESSORS, AND ASSIGNS, SHALL BE REQUIRED BY FIRE DEPARTMENT ORDER NOTICE THAT ALL AFFECTED GATES BE CHAINED AND LOCKED IN THE OPEN POSITION UNTIL REPAIRED OR REPLACED, AND RETESTED TO ALL CITY OF AURORA STANDARDS AT THE TIME OF THE VIOLATION. IF THE GATING SYSTEM IS NOT MAINTAINED TO THE SATISFACTION OF THE FIRE DEPARTMENT, THE LICENSE FOR THE EMERGENCY VEHICLE GATE OPENING SYSTEM WILL BE REVOKED AND THE GATING SYSTEM MUST BE REMOVED. THE GATING SYSTEM WILL INCLUDE AN EMERGENCY VEHICLE GATE OPENING SYSTEM UTILIZING A REDUNDANCY BACK-UP SYSTEM THAT CONSISTS OF: A) SIREN OPERATED SYSTEM; B) AUTOMATIC KNOX KEY SWITCH; C) AN ELECTRICAL OR BATTERY BACK UP SYSTEM THAT OPENS THE GATE ON THE LOSS OF THE PRIMARY ELECTRICAL POWER; AND D) MANUAL OVERRIDE IN THE EVENT OF SYSTEM FAILURE).





**VERTICAL PIVOT GATE ENLARGEMENT**

1

**LEGEND**

-  ROCK MULCH
-  SECURITY FENCE
-  STEEL EDGER

**NOTE:**

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**HB&A**

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AND  
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BLDG #1307

PROJECT #R-2287

**FIRE STATION #4**

**Aurora Fire Rescue**  
1110 S. Quentin St.  
Aurora, Colorado 80012

PROJ. NO. R-2287  
DRAWN: CS  
CHECKED: MW  
CADD FILE:  
DATE: 02/22/2024

NO.	DATE	DESCRIPTION
11/08/23		Construction Documents
01/12/24		Bid Documents
02/22/24		Building Permit Set

FIRE STATION #4  
AURORA FIRE RESCUE  
CONSTRUCTION DRAWING SET

SHEET TITLE:  
LANDSCAPE PLAN

SCALE: 1"=4'-0"  
SHEET NUMBER:

**L2**





BLDG #1307

PROJECT #R-2287

**FIRE STATION #4**

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Aurora, Colorado 80012

PROJ. NO. R-2287  
DRAWN: CS  
CHECKED: MW  
CADD FILE:  
DATE: 02/22/2024

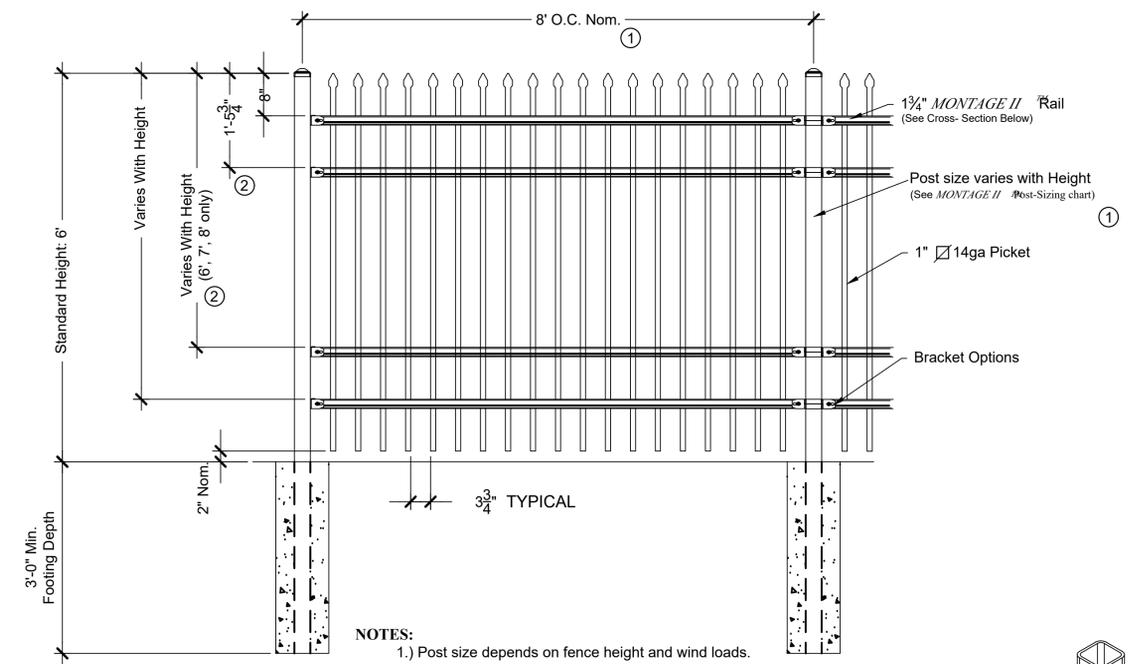
NO.	DATE	DESCRIPTION
11/08/23		Construction Documents
01/12/24		Bid Documents
02/22/24		Building Permit Set

FIRE STATION #4  
AURORA FIRE RESCUE  
CONSTRUCTION DRAWING SET

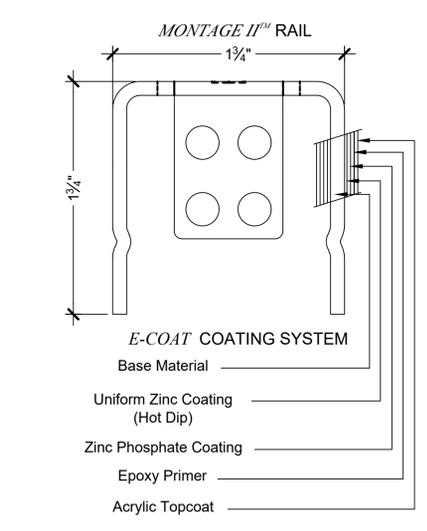
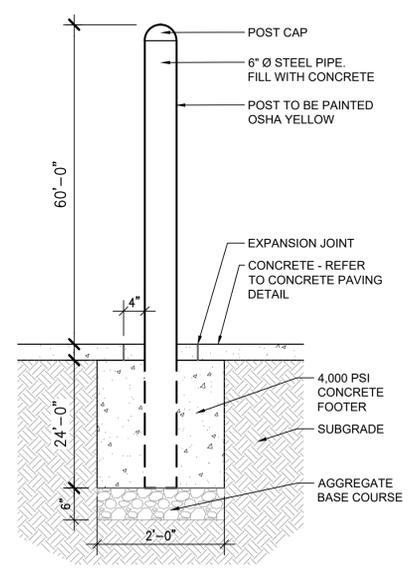
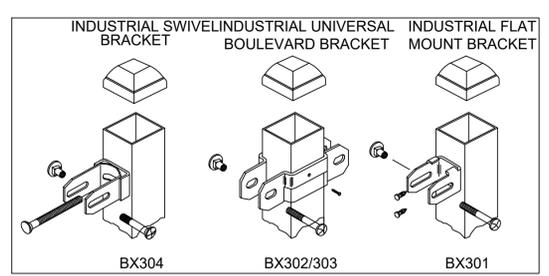
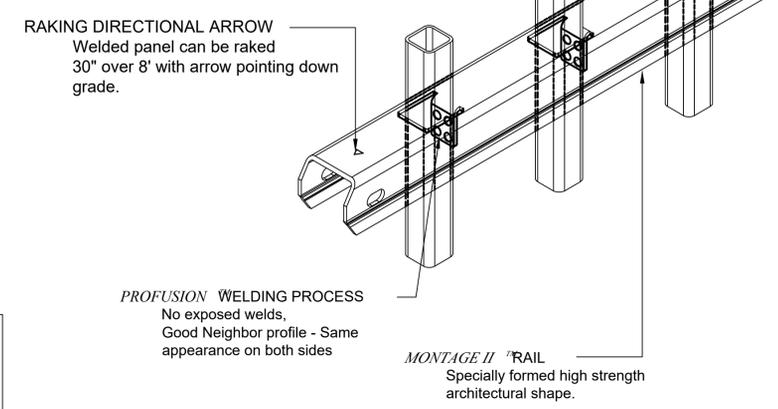
SHEET TITLE:  
SITE DETAILS

SCALE: NTS  
SHEET NUMBER:

**SD-1**



- NOTES:**
- 1.) Post size depends on fence height and wind loads. See *MONTAGE II* specifications for post sizing chart and setting dimensions.
  - 2.) Third & Forth rail optional.
  - 3.) Available in Flush Bottom.
  - 4.) 6' height fence with 3 rails.



Values shown are nominal and not to be used for installation purposes. See product specification for installation requirements.

**1 SECURITY FENCE - 6' HEIGHT**

AS SUPPLIED BY AMERISTAR, TULSA, OK (1-888-333-3422) OR APPROVED EQUAL  
MODEL: 6' HEIGHT MONTAGE II CLASSIC 3 RAIL FENCE  
COLOR: BLACK

NOT TO SCALE

**2 STEEL BOLLARD**

SCALE: 3/4" = 1'-0"



BLDG #1307

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DATE: 02/22/2024

NO.	DATE	DESCRIPTION
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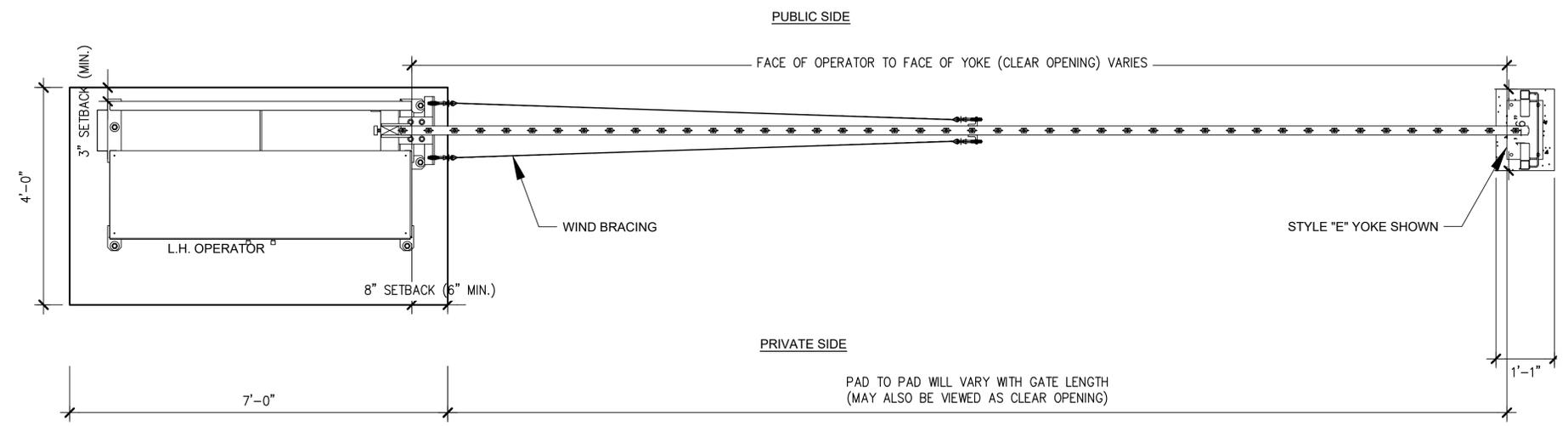
FIRE STATION #4  
AURORA FIRE RESCUE  
CONSTRUCTION DRAWING SET

SHEET TITLE:  
SITE DETAILS

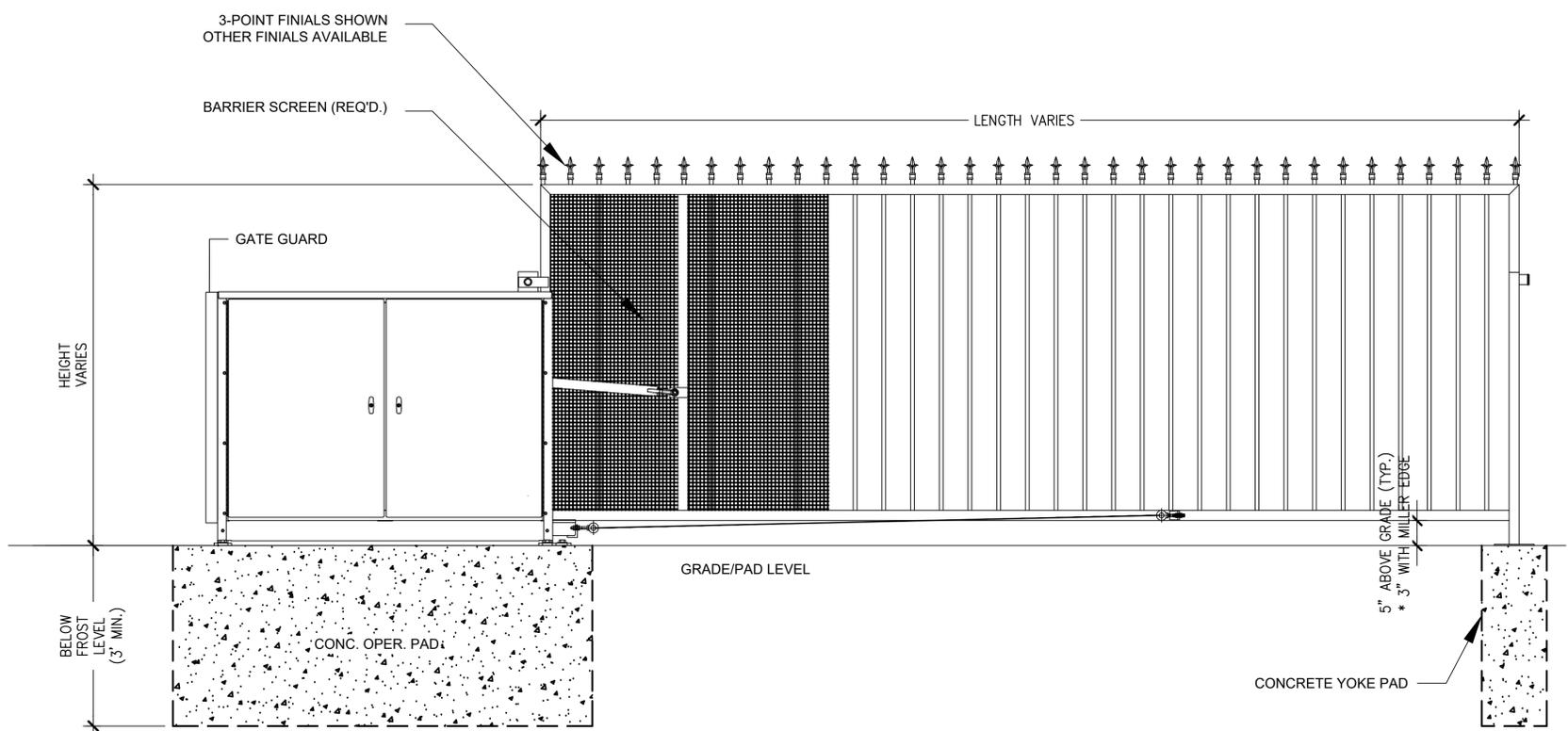
SCALE: NTS  
SHEET NUMBER:

**SD-2**

**LEFTHAND - VERTICAL PIVOT GATE (VPG)**



**PLAN VIEW**



**ELEVATION VIEW**

VIEWED FROM PRIVATE SIDE

- NOTES:**
- 1) ALL OF OUR GATES ARE TYPICALLY DRAWN FROM THE PRIVATE SIDE LOOKING OUT.
  - 2) LENGTH AND HEIGHT VARIES. CONSULT WITH AUTOGATE SALES FOR MORE INFORMATION.
  - 3) SHOWN WITH STANDARD 5' STYLE "E" YOKE. SEE DRAWING #105 FOR YOKE STYLES.
  - 4) CONTOURS AND CURBS WILL REQUIRE CUSTOM DRAWINGS. (CONSULT WITH AUTOGATE).

**1 20' VERTICAL PIVOT GATE**

AS SUPPLIED BY AMERISTAR, TULSA, OK (1-888-333-3422) OR APPROVED EQUAL  
LEFTHAND BUCKEYE 500  
COLOR: BLACK

NOT TO SCALE