

DOCUMENT 00 91 01

ADDENDUM NO. 01

Dated May 19, 2025

1. GENERAL

This document includes requirements that clarify or supersede portions of the bid and/or contract requirements for the project. This Addendum is a Contract Document.

2. SUMMARY

The following changes, additions and deletions shall be made to the following document(s) as noted in **RED**; all other conditions shall remain the same.

Changes to Specifications/Drawings:

1. Replace Specification 00 01 01 Title Page in its entirety with the attached, dated 05/19/2025
2. SHEET G0.0 COVER SHEET (Sheet reissued, dated 05/16/2025)
3. SHEET G0.1 NOTES & SPECIFICATIONS (Sheet reissued, dated 05/16/2025)
4. SHEET C1.0 ENLARGEMENTS (Sheet reissued, dated 05/16/2025)
5. SHEET C2.0 DETAILS (Sheet reissued, dated 05/16/2025)

END OF DOCUMENT

B-06-24-25 PROJECT MANUAL

**PROJECT/CONTRACT NUMBER:
IH00000816 / CP6717**

DW Site Improvements (IH)

Volume 2 of 2

EAST SIDE UNION HIGH SCHOOL DISTRICT

MAY 12, 2025

STANDARD ENGINEERING NOTES

1.

THESE PLANS ARE SUBJECT TO THE INTERPRETATION OF INTENT BY THE ENGINEER. ALL QUESTIONS REGARDING THESE PLANS SHALL BE PRESENTED TO THE ENGINEER. ANYONE WHO TAKES UPON THEMSELVES THE INTERPRETATION OF THE DRAWINGS OR MAKES REVISIONS TO THE SAME WITHOUT CONFERRING WITH THE DESIGN ENGINEER SHALL BE RESPONSIBLE FOR THE CONSEQUENCES THEREOF.
2.

PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL THOROUGHLY SATISFY THEMSELVES AS TO THE ACTUAL CONDITIONS, REQUIREMENTS OF THE WORK AND EXCESS OR DEFICIENCY IN QUANTITIES. NO CLAIMS SHALL BE MADE AGAINST THE OWNER/DEVELOPER OR ENGINEER FOR ANY EXCESS OR DEFICIENCY THEREIN, ACTUAL OR RELATIVE.
3.

THE ENGINEER SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES OR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
4.

THE ENGINEER SHALL NOT BE RESPONSIBLE FOR COORDINATING THE RELOCATION OF UTILITIES, LIGHTS, IRRIGATION ETC.
5.

THE CONTRACTOR IS TO VERIFY THE LOCATION, ELEVATION, CONDITION, AND PAVEMENT CROSS-SLOPE OF ALL EXISTING SURFACES AT POINTS OF TIE-IN AND MATCHING, PRIOR TO COMMENCEMENT OF CONSTRUCTION. SHOULD EXISTING LOCATIONS, ELEVATIONS, CONDITION, OR PAVEMENT CONFLICT WITH ADA OR PLAYING FIELD REQUIREMENTS, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY FOR DIRECTION ON HOW TO PROCEED PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR ACCEPTS RESPONSIBILITY FOR ALL COSTS ASSOCIATED WITH CORRECTIVE ACTION IF THESE PROCEDURES ARE NOT FOLLOWED.
6.

ALL EXISTING UTILITIES MAY NOT BE SHOWN. CALL UNDERGROUND SERVICE ALERT PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER OR NOT SHOWN IN THE DRAWING, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE. EXISTING SURFACE FEATURES AND FENCING SHALL BE REPLACED IN KIND.
7.

THE ENGINEER AND APPLICABLE AGENCY MUST APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION, OR VARIANCE FROM THESE PLANS. ANY VARIATIONS FROM THESE PLANS SHALL BE PROPOSED ON CONSTRUCTION FIELD PRINTS AND TRANSMITTED TO THE ENGINEER.
8.

ANY INSPECTION BY ANY JURISDICTIONAL AGENCY, SHALL NOT, IN ANY WAY, RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH APPLICABLE CODES AND AGENCY REQUIREMENTS.
9.

ANY HAULING PERMITS REQUIRED ARE TO BE OBTAINED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
10.

ANY CONSTRUCTION WATER ACCESS IS TO BE OBTAINED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. FIRE HYDRANT ACCESS MUST BE PERMITTED AND METERED BY THE LOCAL WATER DISTRICT AT NO ADDITIONAL COST TO THE OWNER.
11.

CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL STORM DRAIN PIPES AND DRAINAGE FACILITIES FROM DAMAGE DURING ALL STAGES OF CONSTRUCTION.
12.

GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.

PARTIAL LIST OF APPLICABLE CODES & STANDARDS AS OF JANUARY 1, 2022

2022 CALIFORNIA ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
2022 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
2022 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R.
2022 CALIFORNIA REFERENCE STANDARDS, PART 12, TITLE 24 C.C.R.
TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHALL REGULATIONS
2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR
2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR
2022 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 CCR

APPLICABLE STANDARDS
FOR A LIST OF APPLICABLE STANDARDS, INCLUDING CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS, REFER TO CBC CHAPTER 35 AND CFC CHAPTER 80.

NOTES:

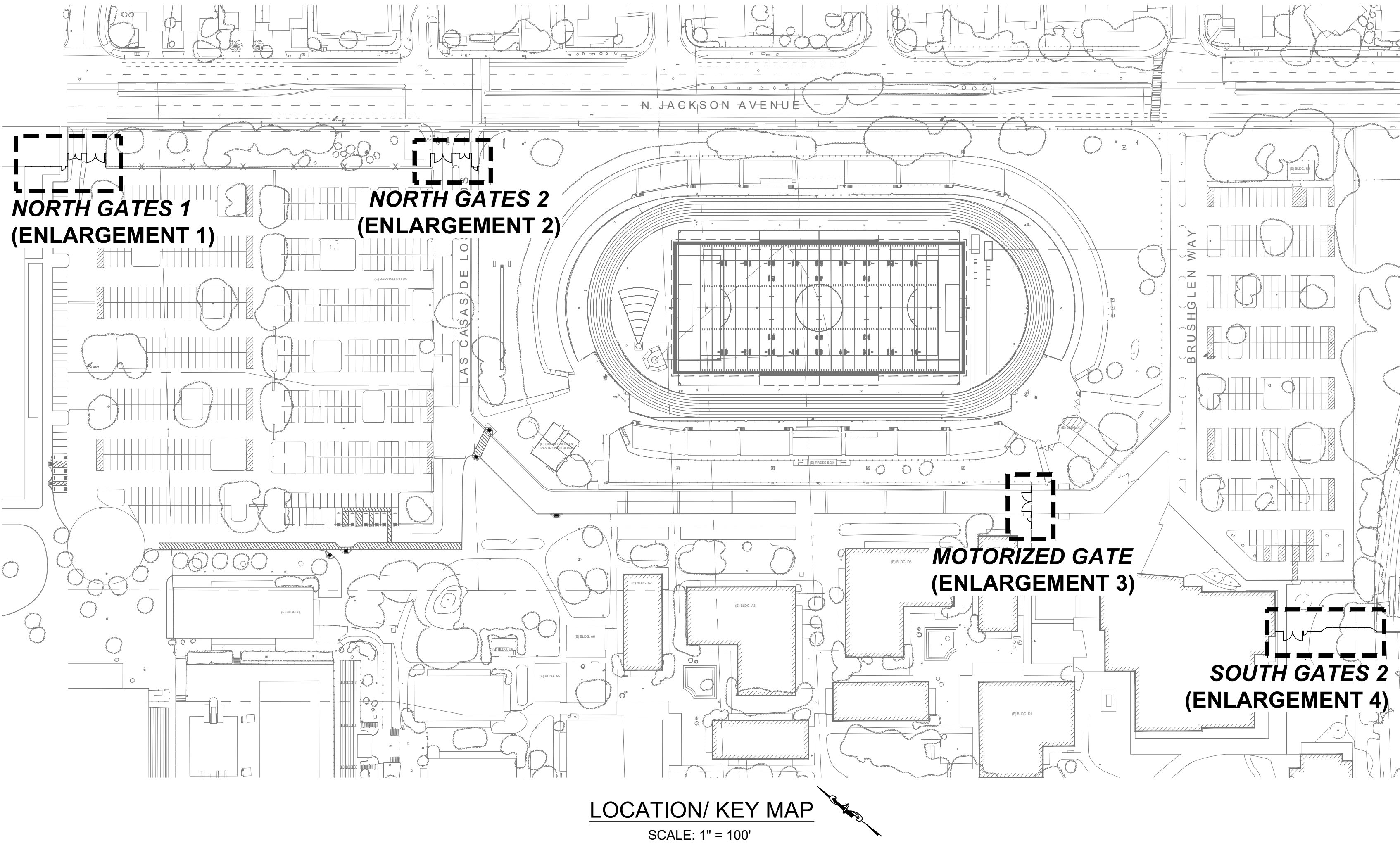
1.

SOME CODES MAY NOT APPLY IF WORK REGULATED BY SUCH CODE IS NOT WITHIN THE SCOPE OF THIS PROJECT.

INDEPENDENCE HIGH SCHOOL
FENCING & GATE IMPROVEMENTS

EAST SIDE UNION HIGH SCHOOL DISTRICT

617 N. JACKSON AVENUE, SAN JOSE, CA 95133



SCOPE OF WORK

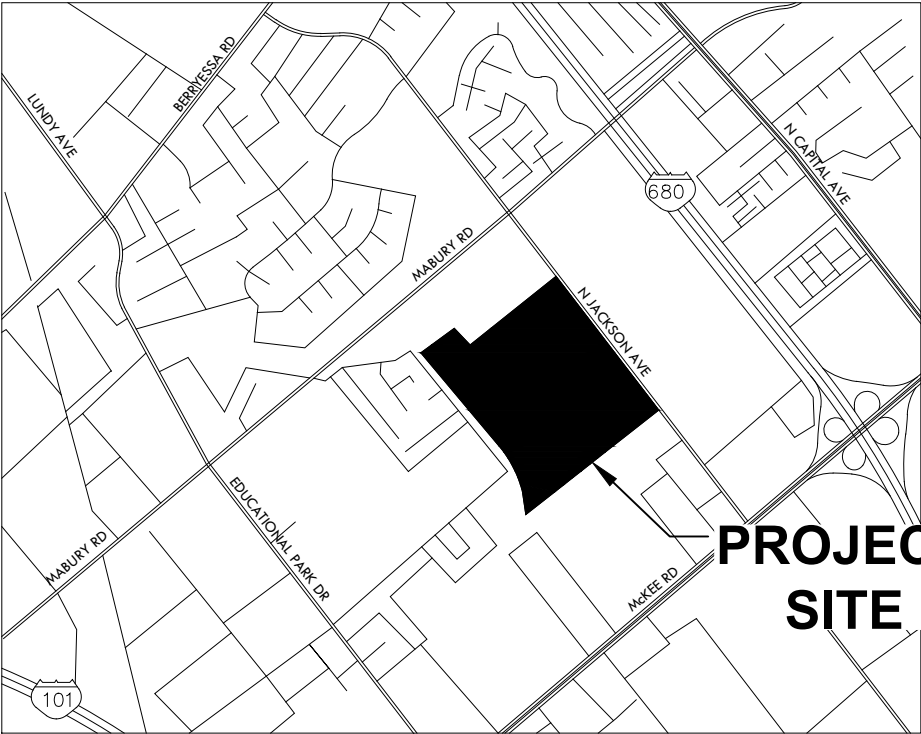
NEW SECURITY FENCING AND GATE IMPROVEMENTS IN VARIOUS LOCATIONS ACROSS THE SCHOOL CAMPUS.

BENCHMARK

ELEVATION WAS TAKEN FROM FOUND NAIL EL:107.27 FROM AERIAL SURVEY PROVIDED BY EAST SIDE UNION SCHOOL DISTRICT .
PROJECT BENCHMARK
EC > @ WATER FOUNTAIN ELEVATION=105.71 FEET
ELEVATION WAS TAKEN FROM AERIAL SURVEY PROVIDED BY EAST SIDE UNION HIGH SCHOOL DISTRICT

SHEET INDEX

G0.0	COVER SHEET
G0.1	NOTES & SPECIFICATIONS
C1.0	ENLARGEMENTS
C2.0	DETAILS



VICINITY MAP
N.T.S.

EAST SIDE UNION
HIGH SCHOOL DISTRICT

JULIO LUCAS
BOND PROGRAM MANAGER
SAN JOSE, CA
TEL: 408.347.5102
EMAIL: LUCASJ@ESUHSD.ORG

GILBANE BUILDING COMPANY

OWNER'S REPRESENTATIVE
JOSE ZARATE
PROJECT MANAGER
2033 GATEWAY PL #450, SAN JOSE, CA 95110
TEL: 408.506.3729
EMAIL: JZARATE@GILBANECO.COM

LLOYD CONSULTING GROUP

ENGINEER OF RECORD
ANTHONY STEVENSON, PE

BRETT LONG, PLA
PROJECT MANAGER
960 W ELLIOT RD SUITE 213
TEMPE, AZ 85284
TEL: 408.338.6048
EMAIL: BLONG@LLOYDENGINEERS.COM

DESIGN ABBREVIATIONS

AC =	ASPHALT
BLDG =	BUILDING
BOL =	BOLLARD
CB =	CATCH BASIN
CL =	CENTER LINE
CTR =	CENTER
CLR =	CLEAR
CO =	CLEAN OUT
COMM =	COMMUNICATIONS
DB =	DRAIN BASIN
EQ =	EQUAL
EX =	EXISTING
FF ELEV =	FINISHED FLOOR ELEVATION
FG =	LANDSCAPE / FINISHED GRADE SYN. TURF
FL =	FLOW LINE
FS =	FINISHED PAVED SURFACE
FT =	FEET
INV =	INVERT OF DRAIN/PIPE
IR =	IRRIGATION
ICV =	IRRIGATION CONTROL VALVE
LBS =	POUNDS
LF =	LINEAR FEET
MH =	MANHOLE
(N) =	NEW
N.T.S. =	NOT TO SCALE
O.C. =	ON CENTER
POC =	POINT OF CONNECTION
R =	RADIUS
RIM =	RIM OF DRAIN
SD =	STORM DRAIN
SDCB =	STORM DRAIN CATCH BASIN
SDDI =	STORM DRAIN DROP INLET
SDMH =	STORM DRAIN MANHOLE
SS =	SANITARY SEWER
SSCO =	SANITARY SEWER CLEAN OUT
SSMH =	SANITARY SEWER MANHOLE
STRC =	STRUCTURE
STD =	STANDARD
TC =	TOP OF CURB
TYP. =	TYPICAL
W =	WATER
WV =	WATER VALVE



960 ELLIOT ROAD,
SUITE 213
TEMPE, ARIZONA 85284
TEL: 408.338.6048

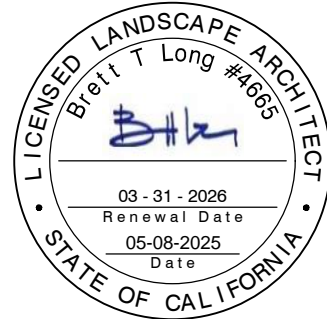


830 N. CAPITOL AVENUE
SAN JOSE, CA 95133
TEL: 408.347.5102



2033 GATEWAY PL #450
SAN JOSE, CA 95110
TEL: 408.478.5904

CONSTRUCTION
DOCUMENTS



REV.

5/16/2025 FENCE/GATE REVISIONS

INDEPENDENCE
HIGH SCHOOL
ESUHSD

617 N. JACKSON AVENUE
SAN JOSE, CA

DESIGNED:	BL
DATE:	MAY 8, 2025
DRAWN:	LD
PROJ.	25147
SCALE:	AS NOTED

COVER SHEET

DWG. NO.

G0.0



SECTION 4216/4217 OF THE
GOVERNMENT CODE
REQUIRES A DIG ALERT
IDENTIFICATION NUMBER BE
ISSUED BEFORE A "PERMIT
TO EXCAVATE" WILL BE
VALID.

CALL (2) WORKING DAYS
BEFORE YOU DIG.

This plan document set is the sole property of Lloyd Consulting Group, LLC. No alterations to these plans, other than adding "as-built" information, are allowed by anyone other than authorized Lloyd Consulting Group, LLC employees.

GENERAL ENGINEERING NOTES

1.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL STRUCTURES, UNDERGROUND PIPELINES, ELECTRICAL AND TELEPHONE CONDUITS, EITHER SHOWN OR NOT SHOWN ON THE PLANS PRIOR TO ANY CONSTRUCTION, AND TO OBSERVE ALL POSSIBLE PRECAUTIONS TO AVOID ANY DAMAGE TO THESE FACILITIES. THE ENGINEER WILL NOT GUARANTEE ANY ELEVATIONS OR LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS.
2.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO UNCOVER ALL EXISTING WATER AND SEWER LINES BEING CONNECTED TO, AND TO VERIFY THE LOCATIONS, DEPTH, FLOWLINE ELEVATIONS, AND SIZE OF PIPE, BEFORE ANY CONSTRUCTION BEGINS.
3.

COMPACTION, BEDDING, AND BACKFILL SHALL BE PER STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
4.

ALL WORK AND MATERIALS WHICH DO NOT CONFORM TO THE SPECIFICATIONS ARE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTORS EXPENSE.
5.

ANY QUESTIONS RAISED RELATIVE TO THE ACCURACY OF IMPROVEMENT INSTALLATION SHALL BE RAISED PRIOR TO THE COMMENCEMENT OF THE WORK IN QUESTION.
6.

THE CONTRACTOR SHALL FURNISH ALL MATERIALS, LABOR AND EQUIPMENT TO CONSTRUCT/INSTALL THE IMPROVEMENT SHOWN ON THESE PLANS UNLESS SPECIFICALLY NOTED OTHERWISE.
7.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING "AS-BUILT" DRAWINGS TO THE MUNICIPALITY HAVING JURISDICTION IF REQUIRED.
8.

DIMENSIONS SHOWN ON THESE PLANS ARE FOR REFERENCE ONLY.
9.

ALL VALVE BOXES, METER BOXES, MANHOLE RIMS, SEWER CLEANOUT RIMS, ETC., SHALL BE ADJUSTED TO FINAL FINISHED GRADE PRIOR TO ACCEPTANCE OF THE WORK BY OWNER.
10.

ALL WORK SHALL COMPLY WITH REQUIREMENTS OF LOCAL TRAFFIC CODE.
11.

THE CONTRACTOR IS RESPONSIBLE FOR ALL METHODS, SEQUENCING, AND SAFETY USED DURING CONSTRUCTION UNLESS SPECIFICALLY ADDRESSED OTHERWISE IN THESE PLANS OR ELSEWHERE IN THE CONTRACT DOCUMENTS.
12.

THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND COMPLYING WITH ALL PERMITS REQUIRED TO COMPLETE ALL WORK COVERED BY THESE PLANS.
13.

THE CONTRACTOR SHALL CALL FOR UNDERGROUND SERVICE OR DIG ALERT (811) or 800-642-2444 TWO DAYS PRIOR TO ANY EXCAVATION.
14.

THE CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION OF CONSTRUCTION AFFECTING UTILITIES AND THE COORDINATION OF ANY NECESSARY UTILITY RELOCATION WORK.
15.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ALL CONSTRUCTION PER PLANS. ANY ADDITIONS, DELETIONS OR CHANGES SHALL FIRST MEET WITH THE APPROVAL OF THE OWNER.
16.

THESE PLANS ARE SUBJECT TO THE INTERPRETATION OF INTENT BY THE ENGINEER. ALL QUESTIONS REGARDING THESE PLANS SHALL BE PRESENTED TO THE ENGINEER. ANYONE WHO TAKES UPON THEMSELVES THE INTERPRETATION OF THE DRAWINGS OR MAKES REVISIONS WITHOUT CONFERRING WITH THE DESIGN ENGINEER SHALL BE RESPONSIBLE FOR THOSE ALTERATIONS.
17.

PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL THOROUGHLY REVIEW THE ACTUAL CONDITIONS, REQUIREMENTS OF THE WORK, AND EXCESS OR DEFICIENCY IN QUANTITIES. NO CLAIMS SHALL BE MADE AGAINST THE OWNER OR ENGINEER FOR ANY EXCESS OR DEFICIENCY THEREIN, ACTUAL OR RELATIVE.
18.

THE ENGINEER SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES OR SAFETY PRECAUTIONS OR PROGRAMS USED IN CONNECTION WITH THE WORK, AND WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
19.

THE ENGINEER SHALL NOT BE RESPONSIBLE FOR COORDINATING THE RELOCATION OF UTILITIES, LIGHTS, IRRIGATION ETC.
20.

SOME EXISTING UTILITIES MAY NOT BE SHOWN. THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL EXISTING UTILITIES ON THE SITE. ANY DAMAGE TO EXISTING UTILITIES, WHETHER OR NOT SHOWN IN THE DRAWING, SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE.
21.

THE OWNER AND APPLICABLE AGENCY SHALL APPROVE, PRIOR TO CONSTRUCTION, ANY ALTERATION, OR VARIANCE FROM THESE PLANS. ANY VARIATIONS FROM THESE PLANS SHALL BE PROPOSED ON CONSTRUCTION FIELD PRINTS AND TRANSMITTED TO THE ENGINEER.
22.

ANY INSPECTION BY ANY JURISDICTIONAL AGENCY, SHALL NOT, IN ANY WAY, RELIEVE THE CONTRACTOR FROM ANY OBLIGATION TO PERFORM THE WORK IN STRICT COMPLIANCE WITH APPLICABLE CODES AND AGENCY REQUIREMENTS.
23.

ANY HAULING PERMITS REQUIRED SHALL BE OBTAINED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
24.

ANY CONSTRUCTION WATER ACCESS IS TO BE OBTAINED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. FIRE HYDRANT ACCESS SHALL BE PERMITTED AND METERED BY THE LOCAL WATER DISTRICT AT NO ADDITIONAL COST TO THE OWNER.
25.

CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL STORM DRAIN PIPES AND DRAINAGE FACILITIES FROM DAMAGE DURING ALL STAGES OF CONSTRUCTION.
26.

GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
27.

ALL DRAWINGS ARE BASED ON AERIAL IMAGERY AND NOT TOPOGRAPHIC SURVEY. CONTRACTOR SHALL VERIFY ALL EXISTING SITE DIMENSIONS.

GENERAL DEMOLITION NOTES

1.

THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID SUBMITTAL IN ORDER TO DETERMINE THE EXTENT AND CONDITIONS OF SITE DEMOLITION AND TO FIELD VERIFY SITE CONDITIONS. THE CONTRACTOR SHALL NOTIFY THE OWNER OF ANY DISCREPANCIES PRIOR TO BID.
2.

THE CONTRACTOR SHALL PERFORM ALL DEMOLITION AND REMOVAL SITE PREPARATIONS NECESSARY FOR THE EXECUTION OF THE WORK CONTAINED IN THE CONTRACT DOCUMENTS.
3.

EXISTING STORM DRAIN FACILITIES WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED FROM CONSTRUCTION DEBRIS INTRUSION. THE CONTRACTOR SHALL FLUSH AND CLEAN EXISTING DRAINAGE SYSTEMS THAT ARE TO BE PROTECTED IN PLACE, WITHIN THE PROJECT LIMITS, TO THE POINT OF DISCHARGE. ALL CLEANING OF SITE AND DRAINAGE SYSTEMS SHALL MEET ALL STATE SAFETY AND WATER QUALITY REQUIREMENTS SET BY THE STATE BOARD OF WATER RESOURCES.
4.

THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES, STRUCTURES, AND SERVICES BEFORE COMMENCING WORK. CONTRACTOR IS RESPONSIBLE FOR POT-HOLING AND UTILITY SURVEYS AS NECESSARY TO LOCATE EXISTING UTILITIES.
5.

CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY EXISTING ITEM DAMAGED OR DESTROYED BY CONSTRUCTION NOT IDENTIFIED FOR DEMOLITION OR REMOVAL. REPLACEMENT OR REPAIRS SHALL BE AT THE CONTRACTOR'S EXPENSE AND ITEM RESTORED TO EQUAL OR BETTER CONDITION.
6.

THE CONTRACTOR SHALL OBTAIN ANY REQUIRED PERMITS PRIOR TO DEMOLITION.
7.

THE CONTRACTOR SHALL PROTECT IN PLACE ALL EXISTING UTILITIES.
8.

THE CONTRACTOR IS RESPONSIBLE FOR REPAIR OR REPLACEMENT OF UTILITIES DAMAGED DURING CONSTRUCTION.
9.

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION REGARDING DEMOLITION.

SECTION 32 31 19 TUBULAR STEEL FENCING

- PART 1 - GENERAL

1.1

WORK INCLUDED

A.

THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, AND APPURTENANCES NECESSARY FOR INSTALLATION OF THE INDUSTRIAL ORNAMENTAL STEEL FENCE SYSTEM, GATES AND GATE OPERATOR DEFINED HEREIN AND AS SHOWN ON THE CONSTRUCTION DRAWINGS.

1.2

RELATED WORK

A.

ASPHALT

B.

CONCRETE

1.3

SYSTEM DESCRIPTION

A.

THE MANUFACTURER SHALL SUPPLY A TOTAL INDUSTRIAL ORNAMENTAL STEEL FENCE SYSTEM OF THE TUBULAR STEEL FENCING WITH THREE RAILS. THEY SYSTEM SHALL INCLUDE ALL COMPONENTS (I.E., PICKETS, RAILS, POSTS, GATES AND HARDWARE) REQUIRED, OR APPROVED EQUAL.

1.4

QUALITY ASSURANCE

A.

THE FENCE INSTALLER MUST HAVE A MINIMUM OF FIVE (5) YEARS EXPERIENCE IN THE INSTALLATION OF CHAIN LINK FENCE.

B.

THE CONTRACTOR SHALL PROVIDE LABORERS AND SUPERVISORS WHO ARE THOROUGHLY FAMILIAR WITH THE TYPE OF CONSTRUCTION INVOLVED AND MATERIALS AND TECHNIQUES SPECIFIED.

C.

AN ALTERNATE INSTALLATION SUPERVISOR AND CREW IS TO BE PROVIDED IF FOR ANY REASON THE DISTRICT'S REPRESENTATION IS DISSATISFIED WITH THE INSTALLATION PROCESS.

1.5

REFERENCES

A.

ASTM - A36 SPECIFICATION FOR CARBON STRUCTURAL STEEL

B.

ASTM - A123 STANDARD SPECIFICATION FOR ZINC (HOT-DIP GALVANIZED) COATINGS ON

C.

ASTM - A153 STANDARD SPECIFICATION FOR ZINC COATING (HOT-DIP) ON IRON AND STEEL HARDWARE

D.

ASTM - A525 SPECIFICATION FOR GENERAL REQUIREMENTS FOR STEEL SHEET, ZINC-COATED (GALVANIZED) BY HOT-DIP PROCESS

E.

ASTM D3359 - TEST METHOD FOR MEASURING ADHESION BY TAPE TEST.

F.

ASTM F2408 - ORNAMENTAL FENCES EMPLOYING GALVANIZED STEEL TUBULAR PICKETS.

G.

CBC 11B-404.2.8.2 - GATE HINGES

1.6

SUBMITTAL

A.

THE MANUFACTURER'S SUBMITTAL PACKAGE SHALL BE PROVIDED PRIOR TO INSTALLATION.

1.

SUBMIT SHOP DRAWINGS SHOWING PLAN LAYOUT, GRID, SPACING OF COMPONENTS, ACCESSORIES, FITTINGS, AND HARDWARE.

2.

SUBMIT PRODUCT DATA AND FENCE DETAILS.

1.7

PRODUCT HANDLING AND STORAGE

A.

UPON RECEIPT AT THE JOB SITE, ALL MATERIALS SHALL BE CHECKED TO ENSURE THAT NO DAMAGES OCCURRED DURING SHIPPING OR HANDLING. MATERIALS SHALL BE STORED IN SUCH A MANNER TO ENSURE PROPER VENTILATION AND DRAINAGE, AND TO PROTECT AGAINST DAMAGE, WEATHER, VANDALISM, AND THEFT.

1.8

PRODUCT WARRANTY

A.

ALL STRUCTURAL FENCE COMPONENTS (I.E. RAILS, PICKETS, AND POSTS) SHALL BE WARRANTED WITHIN SPECIFIED LIMITATIONS, BY THE MANUFACTURER FOR A PERIOD OF 10 YEARS FROM DATE OF ORIGINAL PURCHASE. WARRANTY SHALL COVER ANY DEFECTS IN MATERIAL FINISH, INCLUDING CRACKING, PEELING, CHIPPING, BLISTERING OR CORRODING.

B.

REIMBURSEMENT FOR LABOR NECESSARY TO RESTORE OR REPLACE COMPONENTS THAT HAVE BEEN FOUND TO BE DEFECTIVE UNDER THE TERMS OF MANUFACTURES WARRANTY SHALL BE GUARANTEED FOR FIVE (5) YEARS FROM DATE OF ORIGINAL PURCHASE.
- PART 2 - PRODUCTS

2.1

MANUFACTURER

A.

THE FENCE SYSTEM SHALL BE A FULLY WELDED INDUSTRIAL GRADE 3-RAIL STYLE BY MERCHANT METALS OR CAPITOL STEEL PRODUCTS, SACRAMENTO, CA OR APPROVED EQUAL. (916) 383-3368

2.2

MATERIAL

A.

LINE & TERMINAL POSTS SHALL BE 4"x4" 11 GA. SQUARE STEEL TUBULAR MEMBERS.

B.

MATERIAL FOR FENCE PANEL FRAMEWORK & RAILS SHALL BE 2" 12 GA SQUARE STEEL TUBULAR MEMBERS.

C.

MATERIAL FOR PICKETS SHALL BE STEEL 1" SQUARE X 12 GA. SQUARE STEEL TUBULAR MEMBERS.

D.

PEDESTRIAN GATE POSTS SHALL BE SIZED PER PLANS WITH 11 GA. SQUARE STEEL TUBULAR MEMBERS.

E.

GATE POSTS WITH GATE SWINGS OVER 6-FEET SHALL BE 1/2" HSS STEEL TUBES.

2.3

FINISHES

A.

POWDER COAT ALL POSTS, RAILS, FRAMES, PICKETS AND PARTS OF FENCE INCLUDING HARDWARE AFTER GALVANIZING IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. (COLOR: BLACK, PER DISTRICT SELECTION).

2.4

FABRICATION

A.

FENCE PANELS SHALL BE FULLY WELDED, AND FACTORY FINISHED.

2.5

OPERATION HARDWARE

A.

GATE LATCH ASSEMBLY SHALL BE HEAVY DUTY, LOCKABLE STRONG-ARM LATCH.

B.

CANE BOLTS SHALL BE UP AND DOWN LOCKING CANE BOLT 1" MIN. DIA.

C.

HINGES SHALL BE HEAVY DUTY INDUSTRIAL HINGES BEST SUITED FOR THE OPERATIONS OF THE SIZE AND TYPE OF GATES OR AS NOTED ON PLANS.

2.6

MOTORIZED GATE OPERATOR

A.

MOTORIZED GATE OPERATOR SHALL BE HYSECURITY, SWING SMART DC 20 ELECTRIC GATE OPENER OR APPROVED EQUAL.

B.

GATE SWINGS SHALL BE TWIN LEAF WITH CAPABILITY FOR 1,300 LB. PER LEAF.

C.

STANDARD BATTER BACKUP WITH TWO 8AH BETTERS FOR UP TO 300 CYCLES AFTER POWER LOSS.

D.

OPERATING VOLTAGE SHALL BE 24VDC.

E.

INPUT VOLTAGE SHALL BE 115V.

F.

USER CONTROL SHALL BE SMART CONTROLLER WITH KEYCARD AND PHONE OPERATION CAPABILITIES.

G.

ADJUSTABLE CLOSE TIMES FROM 10-15 SECONDS.

H.

MINIMUM 5-YEAR WARRANTY.

I.

PRODUCE SHALL BE DESIGNED, TESTED AND BUILT IN THE USA.

2.7

CONCRETE FOOTINGS

1.

ALL CONCRETE FOR FENCE POST FOOTINGS SHALL BE 3000PSI MINIMUM COMPRESSIVE STRENGTH AND MONOLITHICALLY POURED.
- PART 3 - EXECUTION

3.1

PREPARATION

A.

ALL NEW INSTALLATION SHALL BE LAID OUT BY THE CONTRACTOR IN ACCORDANCE WITH THE CONSTRUCTION PLANS.

3.2

FENCE INSTALLATION

A.

FENCE POST SHALL BE SPACED 8' MAXIMUM SPACING ACCORDING TO PLANS. FOR INSTALLATIONS THAT MUST BE RAKED TO FOLLOW SLOPING GRADES, THE POST SPACING DIMENSION MUST BE MEASURED ALONG THE GRADE.

B.

FENCE PANELS SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

3.3

GATE INSTALLATION

A.

GATE POSTS SHALL BE SPACED ACCORDING TO THE DRAWINGS, DEPENDENT ON STANDARD OUT-TO-OUT GATE LEAF DIMENSIONS AND GATE HARDWARE SELECTED. TYPE AND QUANTITY OF GATE HINGES SHALL BE BASED ON THE APPLICATION, WEIGHT, HEIGHT, AND NUMBER OF GATE CYCLES. GATE HARDWARE SHALL BE PROVIDED BY THE MANUFACTURE OF THE GATE AND SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.

B.

ON ACCESSIBLE PEDESTRIAN GATES, THE HINGES SHALL BE ADJUSTED PER CBC 11B-404.2.8.2, SO THAT FROM THE OPEN POSITION OF 70 DEGREES, THE GATE SHALL MOVE TO THE CLOSED POSITION IN 1.5 SECONDS, MINIMUM.

3.4

CLEANING

A.

THE CONTRACTOR SHALL CLEAN THE JOBSITE OF EXCESS MATERIALS; POST-HOLE EXCAVATIONS SHALL BE SCATTERED UNIFORMLY AWAY FROM POSTS.

LLOYD

SPORTS + ENGINEERING

960 ELLIOT ROAD,
SUITE 219
TEMPE, ARIZONA 85284
TEL: 408.338.6048

EAST SIDE

HIGH SCHOOL DISTRICT

Utah Valley

830 N. CAPITOL AVENUE
SAN JOSE, CA 95133
TEL: 408.347.5102

Gilbane

2033 GATEWAY PL #450
SAN JOSE, CA 95110
TEL: 408.478.5904

CONSTRUCTION DOCUMENTS



REV.	
5/16/2025 FENCE/GATE REVISIONS	

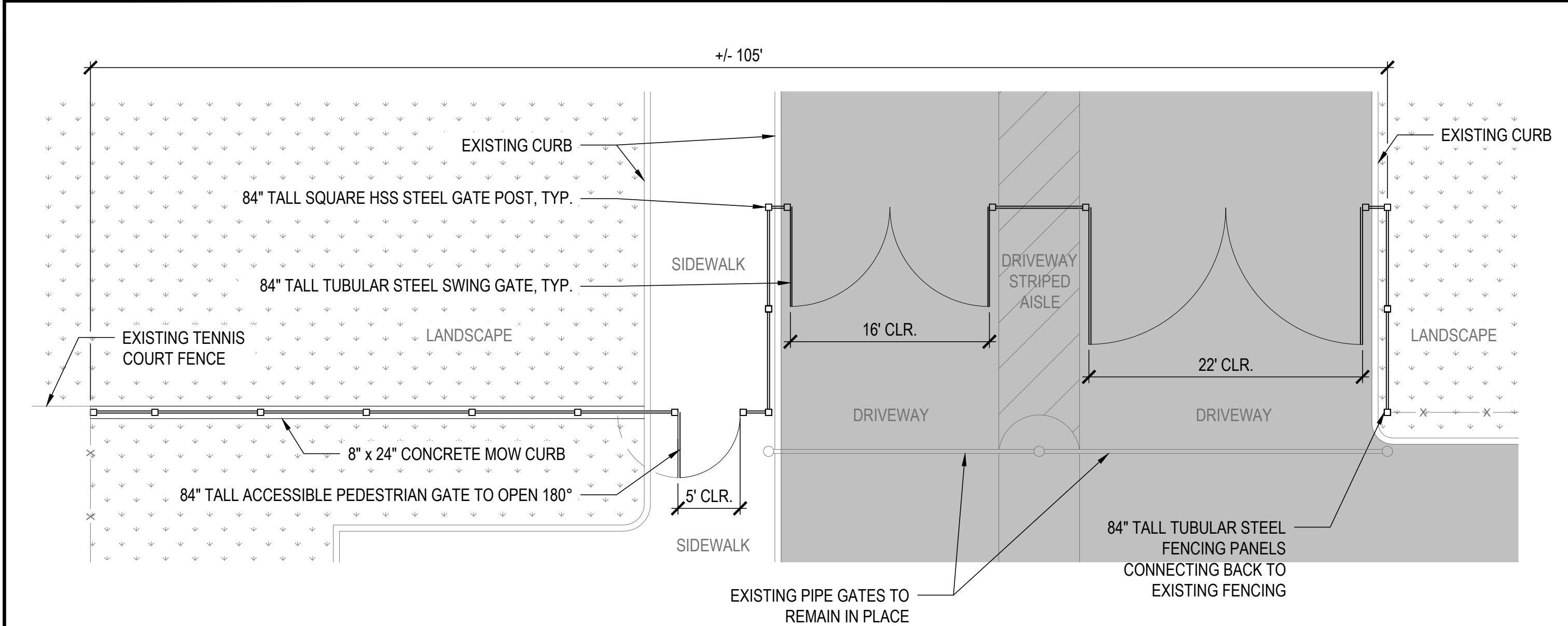
INDEPENDENCE
HIGH SCHOOL
ESUHS

617 N. JACKSON AVENUE
SAN JOSE, CA

DESIGNED:	BL
DATE:	MAY 8, 2025
DRAWN:	LD
PROJ.	25147
SCALE:	N/A

NOTES &
SPECIFICATIONS

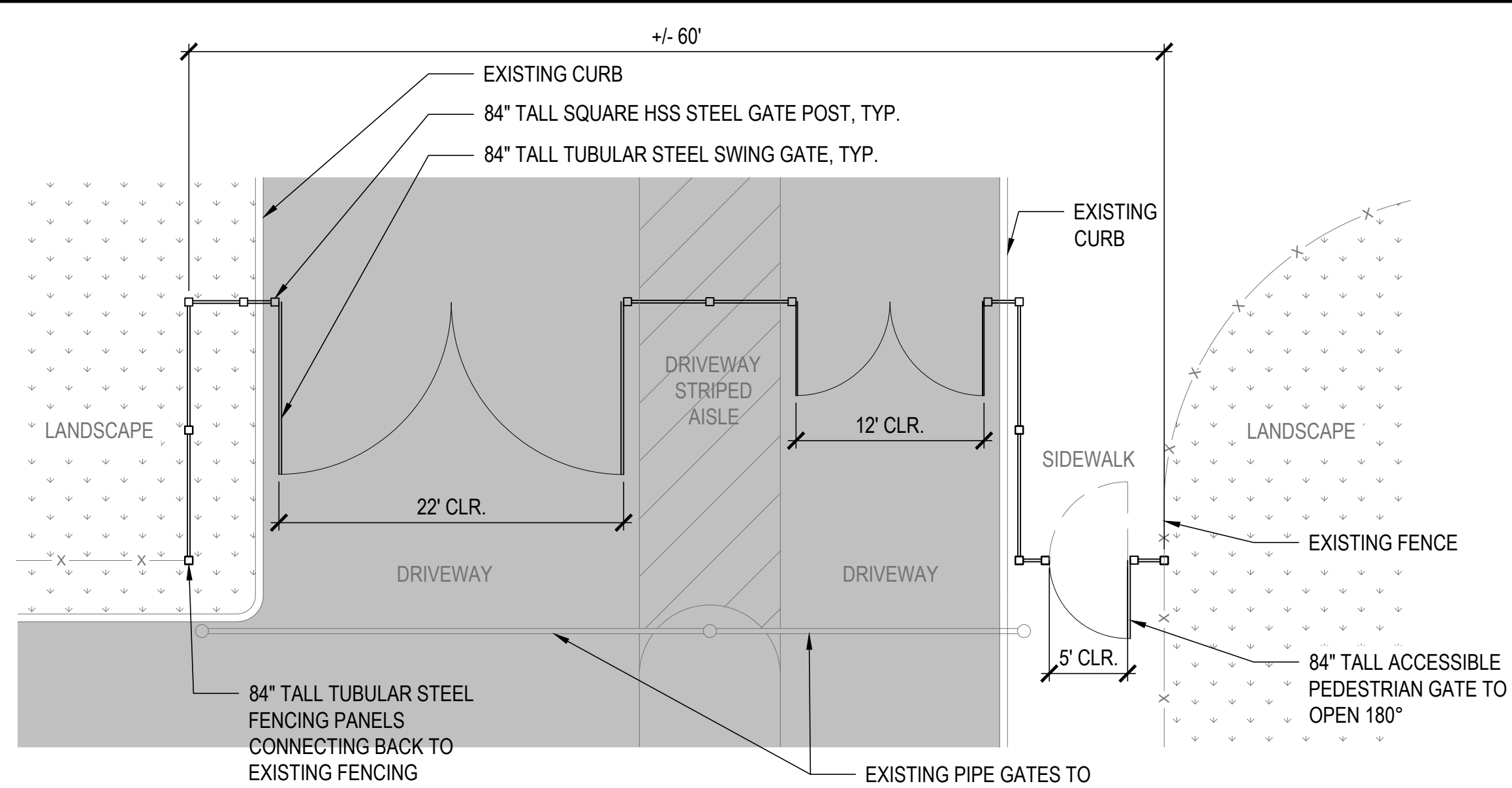
DWG. NO.
G0.1



NOTE:
1. DRAWINGS ARE BASED ON AERIAL IMAGERY AND NOT TOPOGRAPHIC SURVEY. CONTRACTOR SHALL VERIFY EXISTING SITE DIMENSIONS.

1 NORTH GATES 1 ENLARGMENT

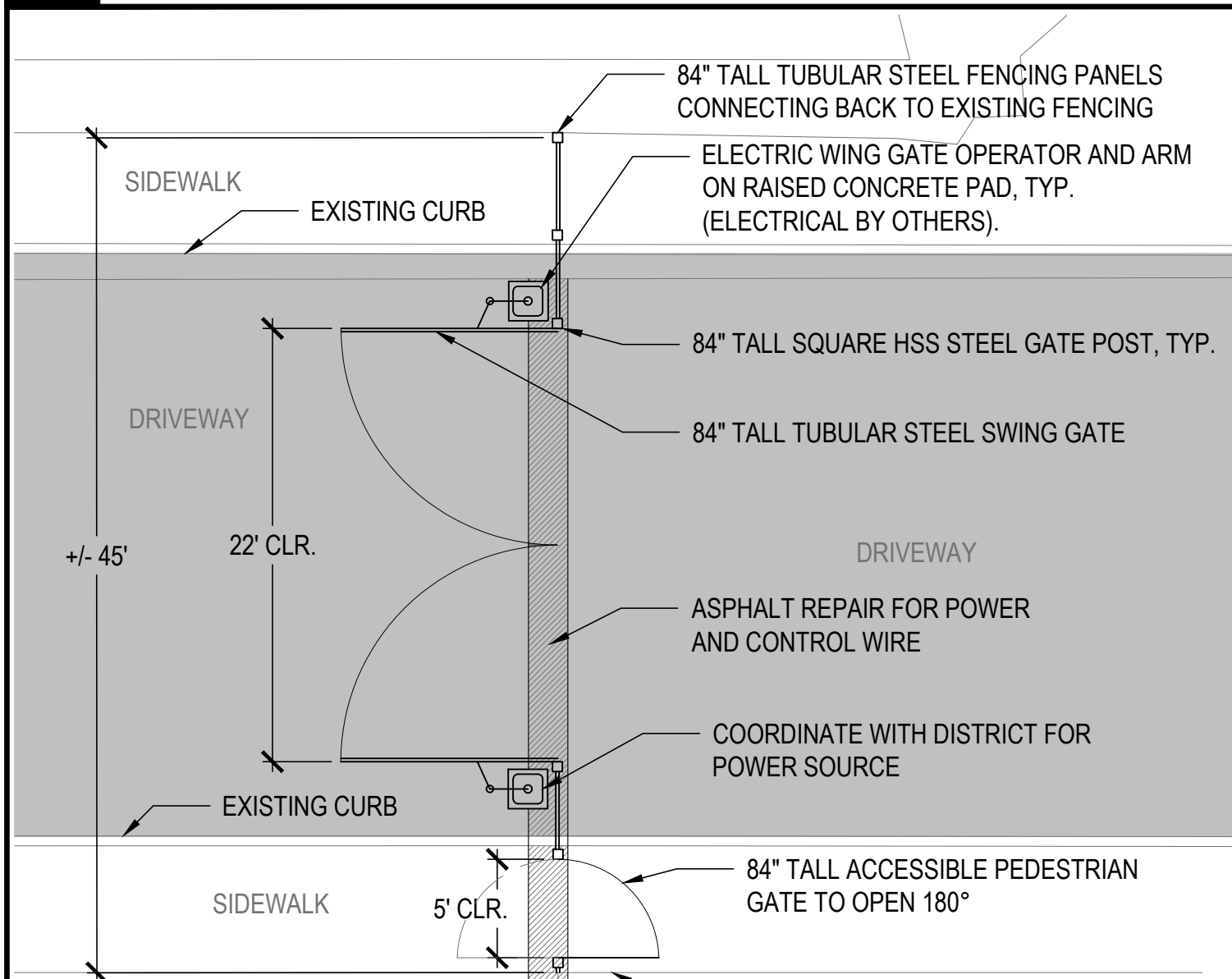
SCALE: 1/8" = 1'-0"



NOTE:
1. DRAWINGS ARE BASED ON AERIAL IMAGERY AND NOT TOPOGRAPHIC SURVEY. CONTRACTOR SHALL VERIFY EXISTING SITE DIMENSIONS.

3 NORTH GATES 2 ENLARGMENT

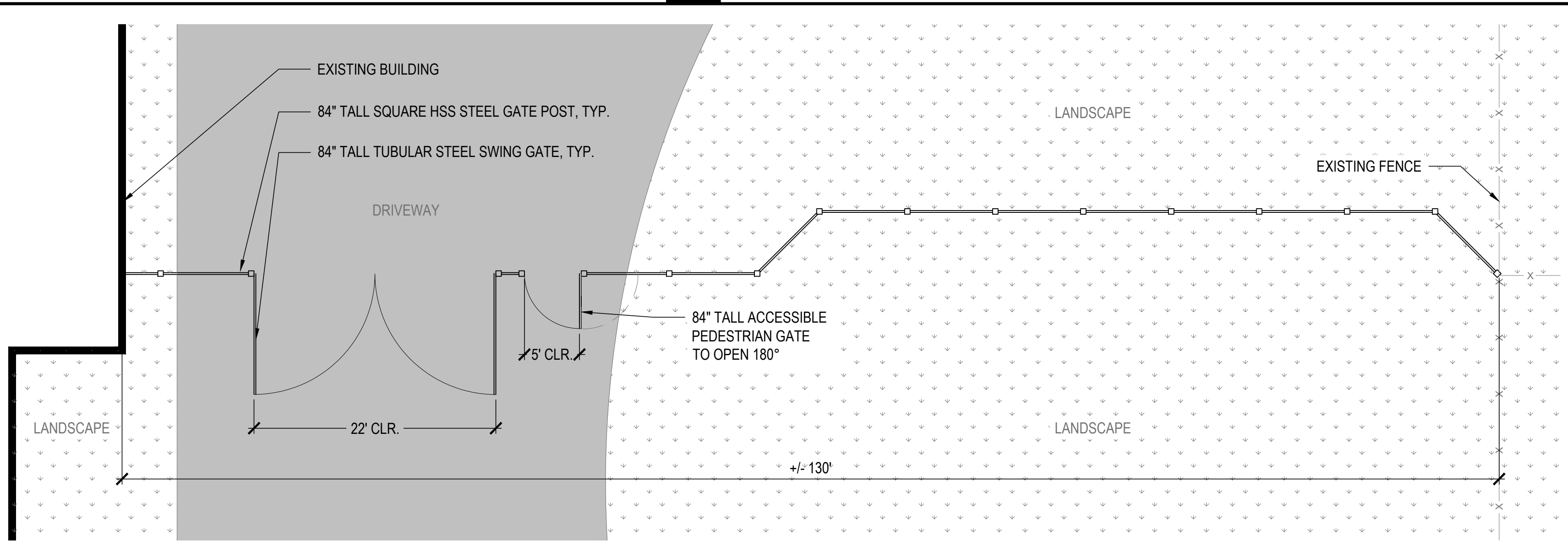
SCALE: 1/8" = 1'-0"



NOTE:
1. DRAWINGS ARE BASED ON AERIAL IMAGERY AND NOT TOPOGRAPHIC SURVEY. CONTRACTOR SHALL VERIFY EXISTING SITE DIMENSIONS.

5 MOTORIZED ENTRY GATE ENLARGEMENT

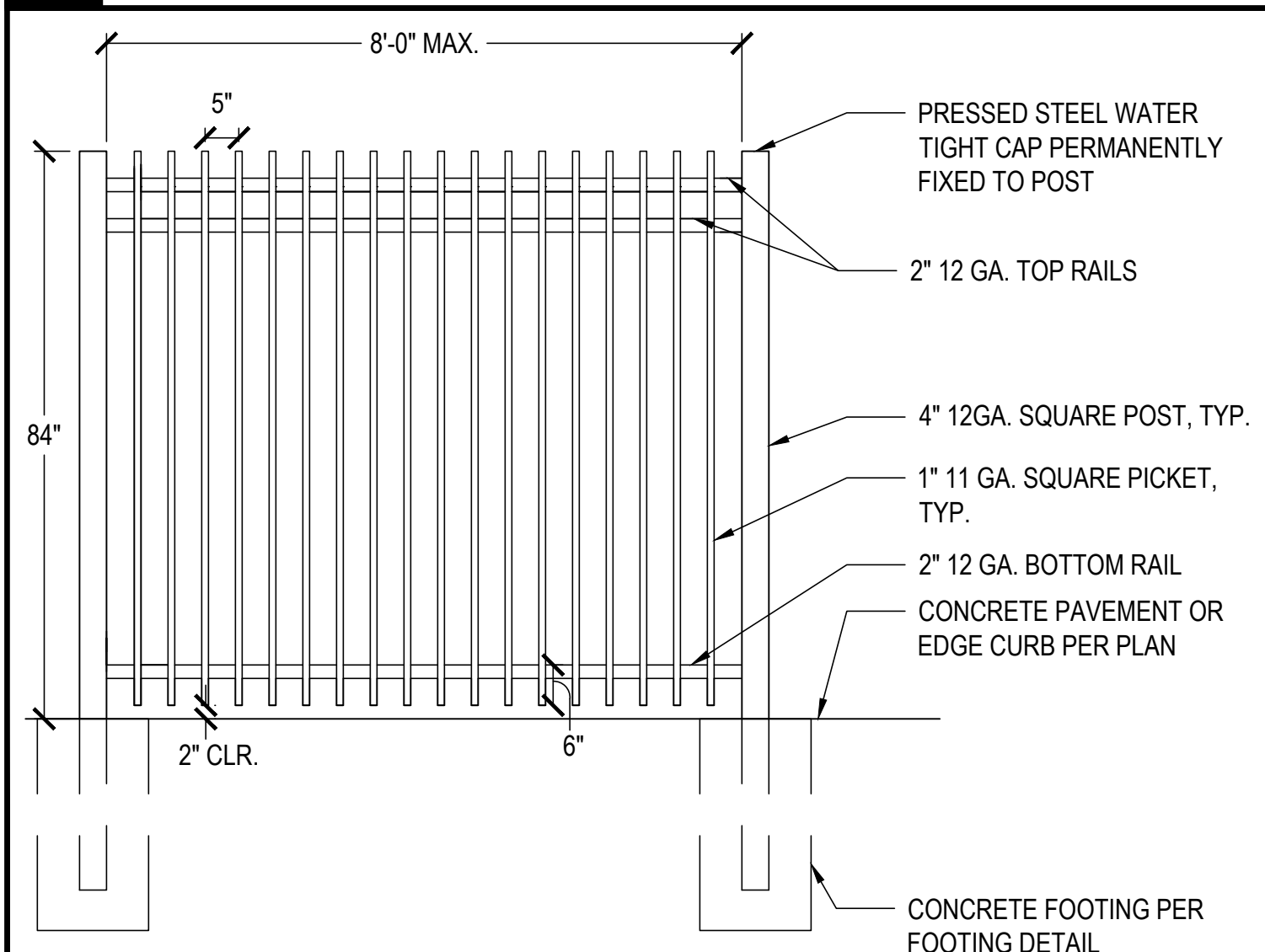
SCALE: 1/8" = 1'-0"



NOTE:
1. CONTRACTOR TO LOCATE EXISTING 6" FIRE WATER LINE BEFORE ANY DEMOLITION OR EXCAVATION.
2. DRAWINGS ARE BASED ON AERIAL IMAGERY AND NOT TOPOGRAPHIC SURVEY. CONTRACTOR SHALL VERIFY EXISTING SITE DIMENSIONS.

6 SOUTH GATES 2 ENLARGMENT

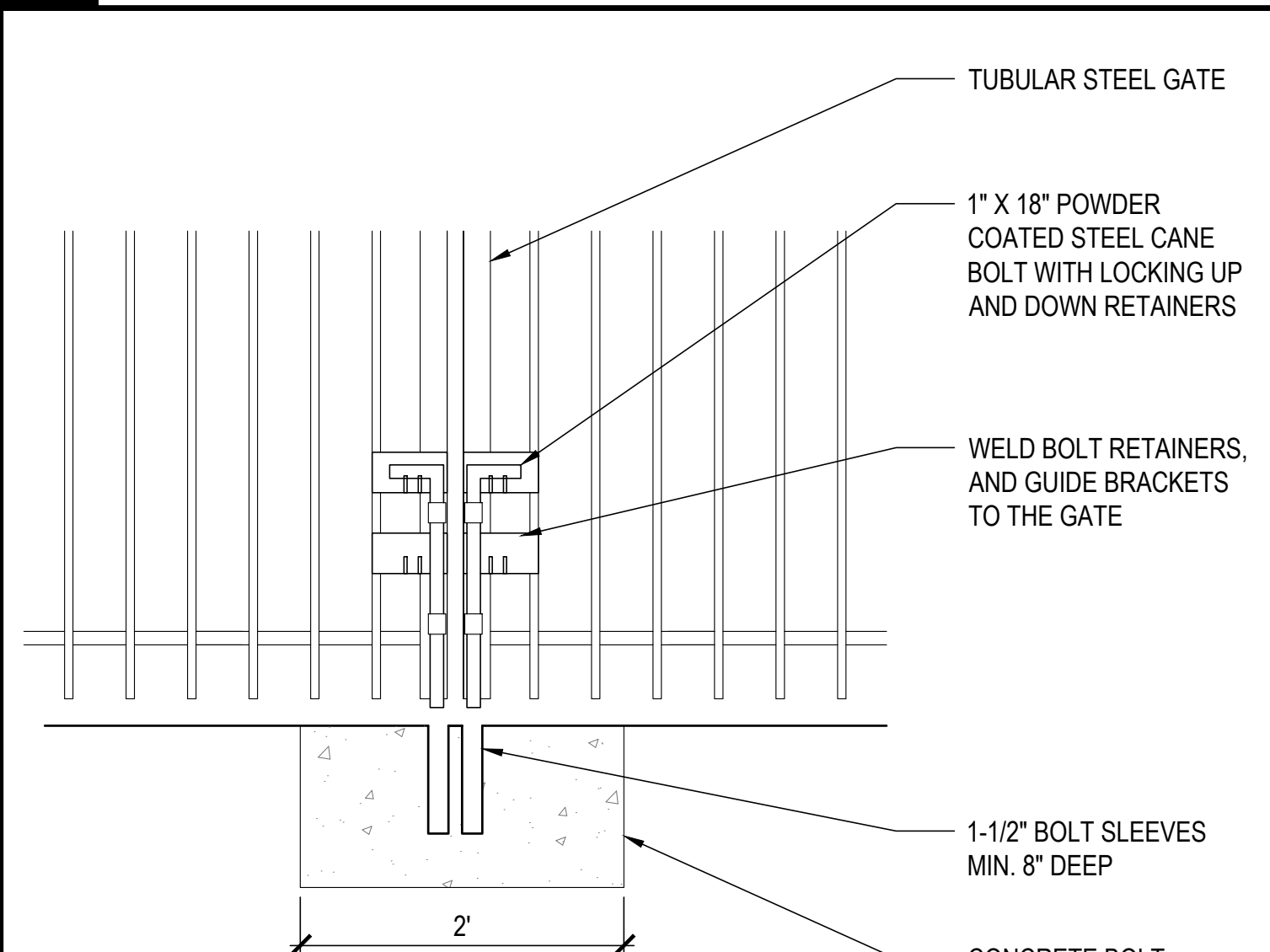
SCALE: 1/8" = 1'-0"



NOTES:
1. TUBULAR STEEL FENCING SHALL BE POWDER COATED BLACK.
2. TUBULAR STEEL FENCING SHALL BE INDUSTRIAL GRADE.

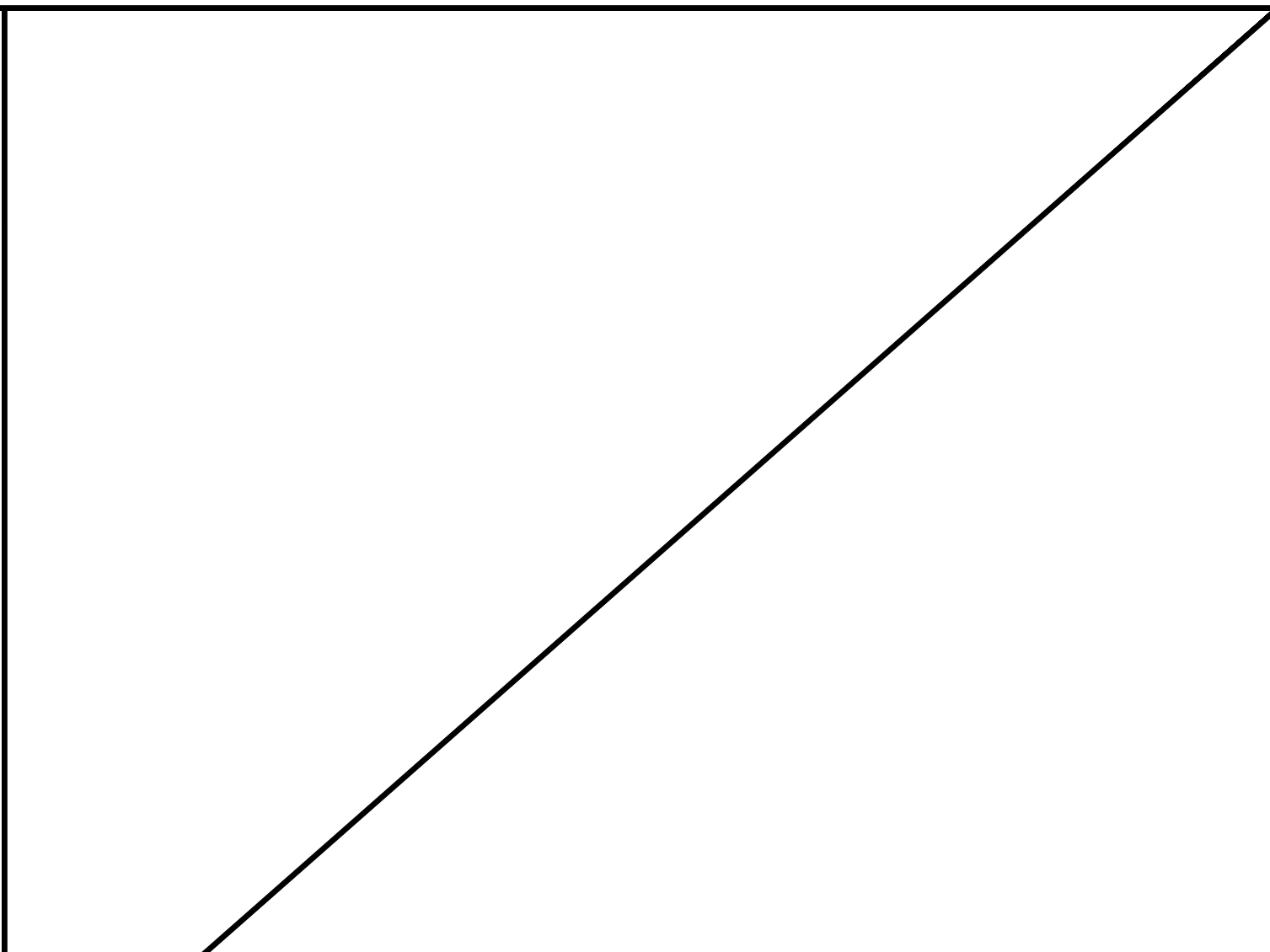
9 84" TALL TUBULAR STEEL FENCE (THREE RAIL)

NTS

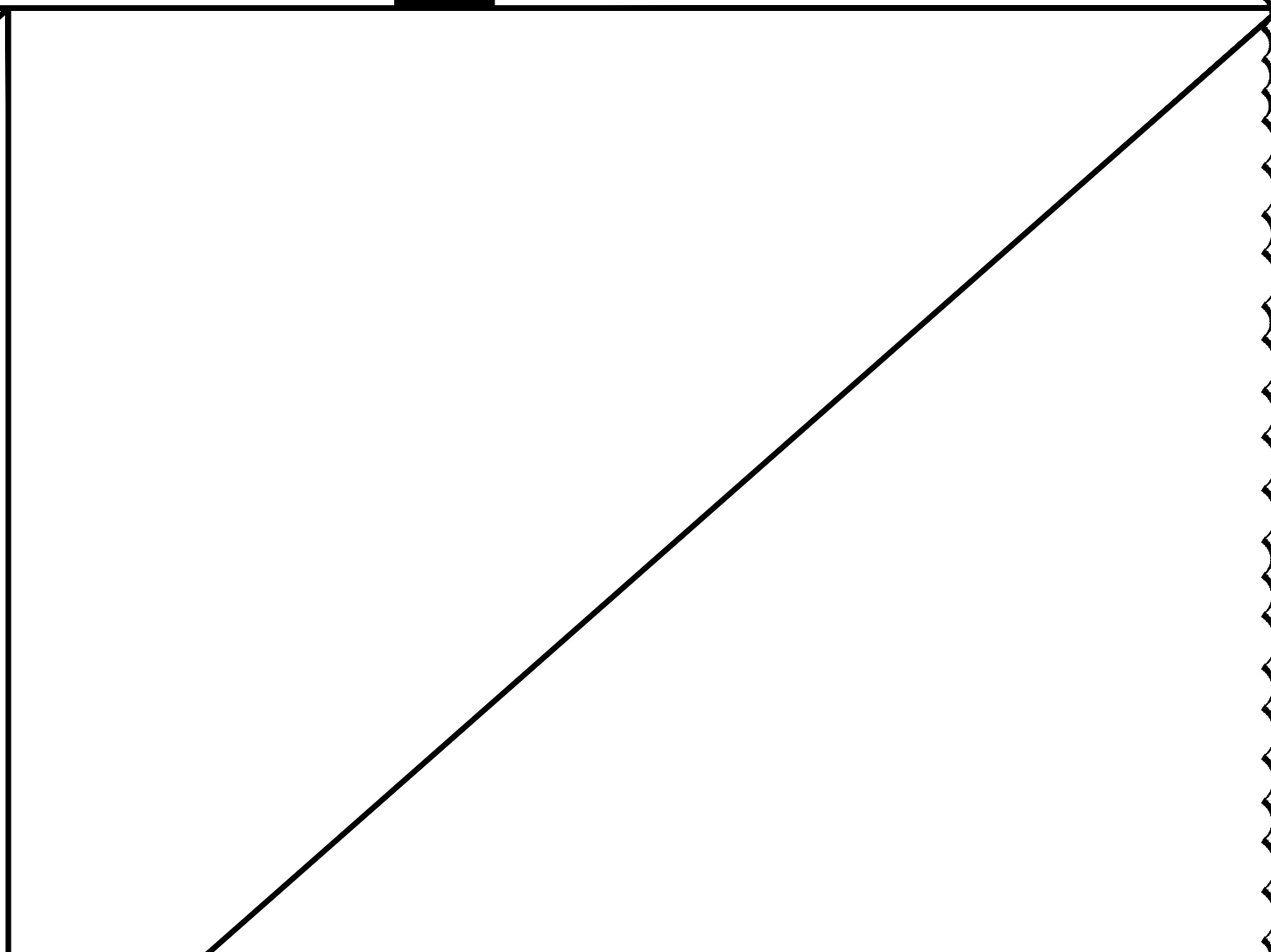


10 HEAVY DUTY CANE BOLT

NTS



11 NOT USED



12 NOT USED

LLOYD
SPORTS + ENGINEERING
960 ELLIOT ROAD,
SUITE 213
TEMPE, ARIZONA 85284
TEL: 408.338.6048

EAST SIDE
HIGH SCHOOL DISTRICT
830 N. CAPITOL AVENUE
SAN JOSE, CA 95133
TEL: 408.347.5102

Gilbane
2033 GATEWAY PL #450
SAN JOSE, CA 95110
TEL: 408.478.5904

CONSTRUCTION DOCUMENTS



REV.
1 5/16/2025 FENCE/GATE REVISIONS

INDEPENDENCE HIGH SCHOOL ESUHS

617 N. JACKSON AVENUE
SAN JOSE, CA

DESIGNED: BL
DATE: MAY 8, 2025
DRAWN: LD
PROJ. 25147
SCALE: AS NOTED

ENLARGEMENTS

DWG. NO.
C1.0

