

\\ANT21-01c - Highland HS\Arch\X-Border (CD) - D.dwg
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Z:\ANTELOPE VALLEY\ANT21-01 - S.S. - 1 VARIOUS SITES\BID DOCS\HHS EHS AVHS BID DOCS\BID SET COVER.DWG

SHEET SIZE: ARCH D (24"x36")
PLOT DATE: 3/6/2023 11:39 AM



SITE WORK AT ANTELOPE VALLEY HS, EASTSIDE HS,
& HIGHLAND HS

ANTELOPE VALLEY UNION HIGH SCHOOL DISTRICT

BID #9/22-23

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ARCHITECTURAL	
A0.1	LOCAL FIRE AUTHORITY REVIEW
A-1	OVERALL SITE PLAN
A-2	ENLARGED SITE PLAN
AD-1	DETAILS
<p>PROJECT ADDRESS: ANTELOPE VALLEY HIGH SCHOOL 44900 DIVISION ST., LANCASTER, CA 93535</p> <p>EASTSIDE HIGH SCHOOL 3200 E AVE J S, LANCASTER, CA 93535</p> <p>HIGHLAND HIGH SCHOOL 39055 25TH ST N, PALMDALE, CA 93551</p> <p>PROJECT ARCHITECT: FF&J ARCHITECTS INC., 19153 TOWN CENTER DR., SUITE 101 APPLE VALLEY, CA 92308 (760) 240-6211 PROJECT MANAGER: RICK SIMPER ARCHITECT OF RECORD: GINO BASTIANON</p> <p>PROJECT OWNER: ANTELOPE VALLEY UNION HIGH SCHOOL DISTRICT 176 HOLSTON DR. LANCASTER, CA 93535-4531 (661) 942-8496 CONTACT: SCOTT FISH</p> <p>ELECTRICAL: A4F ENGINEERING GROUP, INC. 9320 BASELINE RD., SUITE C RANCHO CUCAMONGA, CA. 91701 (909) 941-3008 CONTACT: LUIS E. FLORES</p> <p>CIVIL: JT ENGINEERING 33336 N. AGUA DULCE CYN. RD. #103 AGUA DULCE, CA. 91390 (661) 288-8899 CONTACT: JOHN JACOB</p>	
PROJECT DIRECTORY	
<p>SITE DEMOLITION INCLUDES: DEMOL OF EXISTING ASPHALT AND CONCRETE PAVING & OTHER RELATED SITE WORK.</p> <p>NEW SITE WORK INCLUDES: NEW ASPHALT AND CONCRETE PAVING FOR PATH OF TRAVEL UPGRADES. NEW CHAIN LINK FENCING AND ACCESSIBLE GATES & OTHER RELATED SITE WORK.</p> <p>NEW BUILDING '5.5, #1'. TYPE AND SQUARE FOOTAGE: NEW 40'X60' SHADE STRUCTURE (OWNER FURNISHED AND INSTALLED - CONTRACTOR TO COORDINATE INSTALLATION)</p>	
SCOPE OF WORK	

REVISIONS		BY
<div><div>FF&J</div><div>Frick, Frick & Jetté Architects</div><div>19153 Town Center Dr., Suite 101 Apple Valley, CA 92308 (760) 240-6211 • www.ffj-arch.com</div><div>SERVING CLIENTS IN CALIFORNIA SINCE 1946</div><div>Architecture • Planning • Landscape Architecture</div></div>		
ENGINEER		
ARCHITECT		
<div><div>LICENSED ARCHITECT</div><div>GINO C. BASTIANON</div><div>NO. C-27546</div><div>REN. 6-2023</div><div>STATE OF CALIFORNIA</div></div>		
PROJECT:		SHEET NAME:
SITE WORK AT ANTELOPE VALLEY HS, EASTSIDE HS, & HIGHLAND HS		BID SET - COVER SHEET
DATE:		MARCH 2023
DRAWN:		R. SIMPER
JOB:		ANT21-01
SHEET:		
CS0		

SHEET SIZE: ARCH D (24"x36")
PLOT DATE: 9/19/2022 9:47 PM



NEW SHADE STRUCTURE AND RELATED SITE WORK
AT ANTELOPE VALLEY HIGH SCHOOL
ANTELOPE VALLEY UNION HIGH SCHOOL DISTRICT

GENERAL

- DIMENSIONS ARE FROM FACE OF WALL OR CENTER LINE OF COLUMNS, MULLIONS & STUDS UNLESS OTHERWISE NOTED.
- EQUIPMENT SHOWN DOTTED IS NOT IN THIS CONTRACT.
- THE CONTRACTOR SHALL REVIEW THE PLANS AND SITE AND COORDINATE ALL THE WORK REQUIRED FOR THE PROJECT.
- THE CONTRACTOR SHALL TAKE DUE NOTE THAT THE DRAWINGS IDENTIFIED AS ARCHITECTURAL, STRUCTURAL, ELECTRICAL, PLUMBING & MECHANICAL ARE FOR COORDINATION OF TRADES AND ARE NOT TO BE INTERPRETED AS EXCLUSIVE WORK ONLY. ALL TRADES ARE TO VERIFY WITH ALL DRAWINGS FOR ALL REQUIRED WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ANY AND ALL EXISTING UTILITY LINES OR STRUCTURES WITHIN AND ADJACENT TO DEMOLITION OR CONSTRUCTION AREA, WHETHER SHOWN OR NOT SHOWN HEREIN.
- THE CONTRACTOR SHALL INSPECT EXISTING SITE CONDITIONS AND VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO ANY LAND DISTURBANCE. CONTRACTOR WILL BE RESPONSIBLE FOR DAMAGE TO ANY PUBLIC OR NON-PUBLIC UTILITY. THE CONTRACTOR SHALL REVIEW PLANS AS REQUIRED FOR COORDINATION OF THE NEW WORK WITH EXISTING CONDITIONS.
- THE CONTRACTOR SHALL OBTAIN ALL CLEARANCES REQUIRED FOR ALL WORK (DEMOLITION, RELOCATION AND NEW WORK) SUCH AS (BUT NOT LIMITED TO) REMOVAL OF STRUCTURES, TREES, TURF AREAS, MEEDS, CURBS, GUTTERS AND RELOCATION AND/OR REMOVAL OF EXISTING UTILITIES ON- AND OFF-SITE AS MAY BE REQUIRED.
- THE CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS AND LICENSES NECESSARY, INCLUDING UTILITY FEES. THE OWNER WILL REIMBURSE THE CONTRACTOR THE ACTUAL DOCUMENTED COST OF SUCH PERMITS, LICENSES AND FEES, WITH NO OVERHEAD OR PROFIT ADDED.
- THE CONTRACTOR SHALL LEAVE THE CONSTRUCTION AREAS CLEAN AND FREE OF ALL DEBRIS. ALL SUCH DEBRIS SHALL BE LEGALLY DISPOSED OF OFF-SITE BY THE GENERAL CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- DUST SHALL BE CONTROLLED AS REQUIRED BY LOS ANGELES COUNTY DUST CONTROL POLICIES.
- NO WORK WHATSOEVER SHALL BE STARTED WITHOUT FIRST NOTIFYING THE OWNER AND ARCHITECT. REFER TO THE PROJECT MANUAL.
- UNLESS SPECIFIED ON THE STRUCTURAL / ARCHITECTURAL DRAWINGS, ANY ALTERATION OR MODIFICATIONS TO A STRUCTURAL ELEMENT BY CUTTING, DRILLING, BORING, BRACING WELDING, ETC. SHALL HAVE WRITTEN APPROVAL BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO START OF WORK.
- ALL WORK SHALL CONFORM TO THE 2019 EDITION TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).
- GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.

GENERAL NOTES

DEMOLITION & PATCHING

- DEMOLITION INDICATED IS FOR THE CONVENIENCE OF THE CONTRACTOR AND MAY NOT INDICATE THE FULL EXTENT OF DEMOLITION REQUIRED FOR THE PERFORMANCE OF THE CONTRACT. CONTRACTOR SHALL VISIT THE SITE AND VERIFY THE SCOPE OF DEMOLITION WORK REQUIRED.
 - PATCH AND REPAIR EXISTING SURFACES AS REQUIRED DUE TO DEMOLITION OR PERFORMANCE OF NEW CONSTRUCTION. ALL NEW WORK SHALL MATCH EXISTING IN KIND, QUALITY, AND FINISH, UNLESS NOTED OR SPECIFIED OTHERWISE.
 - NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.
- FIRE / LIFE SAFETY
- ALL PENETRATIONS THROUGH FIRE RESISTIVE WALL OR FLOOR ASSEMBLIES SHALL BE PROTECTED BY AN APPROVED PENETRATION FIRESTOP SYSTEM INSTALLED AS TESTED IN ACCORDANCE WITH UBC STANDARD 7-5 (ASTM E814)
 - CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS AND OBSERVE FIRE SAFETY REGULATIONS DURING CONSTRUCTION, ALTERATIONS, DEMOLITION AND ASBESTOS REMOVAL AS NOTED IN 2019 CFC, CHAPTER 33, & CBC, CHAPTER 33.
 - FIRE SAFETY DURING DEMOLITION AND CONSTRUCTION SHALL COMPLY WITH 2019 CFC, CHAPTER 33, & CBC, CHAPTER 33.

DIVISION OF THE STATE ARCHITECT

- CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE BY AN ADDENDA OR CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-336, PART 1, T-24, C.C.R.
- A PROJECT INSPECTOR WITH A CLASS 2 CERTIFICATION FROM THE DIVISION OF THE STATE ARCHITECT, EMPLOYED BY THE SCHOOL DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT, SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, T-24 C.C.R.
- A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.
- THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISH WORK SHALL COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317(c), PART 1, TITLE 24, CCR).

TITLE 24

PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2020*
2019 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR*
2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR
(2018 INTERNATIONAL BUILDING CODE, VOL. 1 & 2, AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR
(2017 NATIONAL ELECTRICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR
(2018 IAPMO UNIFORM MECHANICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR
(2018 IAPMO UNIFORM PLUMBING CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 CCR
2019 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR
(2018 INTERNATIONAL FIRE CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR
(2018 INTERNATIONAL EXISTING BUILDING CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 CCR
2019 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR
TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
2016 ASME A17.1/CSA B44-13 SAFETY CODE FOR ELEVATORS AND ESCALATORS (PER 2019 CBC PART 2 CH 35)
NOTE: CAL/OSHA ELEVATOR UNIT ENFORCES CCR TITLE 8 AND USES THE 2004 ASME A17.1 BY ADOPTION

APPLICABLE NFPA STD. (PARTIAL LIST)

PARTIAL LIST OF APPLICABLE STANDARDS
NFPA 13 - STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS (CA AMENDED).....2016 EDITION
NFPA 14 - STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS (CA AMENDED).....2016 EDITION
NFPA 17 - STANDARD FOR DRY CHEMICAL EXTINGUISHING SYSTEMS.....2017 EDITION
NFPA 17A - STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS.....2017 EDITION
NFPA 20 - STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION.....2016 EDITION
NFPA 22 - STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION.....2013 EDITION
NFPA 24 - STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES (CA AMENDED).....2016 EDITION
NFPA 72 - NATIONAL FIRE ALARM AND SIGNALING CODE (CA AMENDED).....2016 EDITION
NFPA 80 - STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES.....2016 EDITION
NFPA 2001 - STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS (CA AMENDED).....2015 EDITION
UL 300 - STANDARD FOR FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR PROTECTION OF COMMERCIAL COOKING EQUIPMENT.....2009 (R2010)
UL 464 - AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES.....2003 EDITION
UL 521 - STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS.....1999 EDITION
UL 1971 - STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED.....2002 (R2010)
ICC 300 - STANDARD FOR BLEACHERS, FOLDING AND TELESCOPIC SEATING, AND GRANDSTANDS.....2017 EDITION

FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2019 CBC (SPM) CHAPTER 35 AND CALIFORNIA FIRE CODE CHAPTER 80.

SEE CALIFORNIA BUILDING CODE CHAPTER 35 FOR STATE OF CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS.

*ALL PARTS OF THE 2019 CALIFORNIA BUILDING CODE BECOME EFFECTIVE JANUARY 1, 2020 EXCEPT THE EFFECTIVE DATE FOR THE USE OF THE 2019 BUILDING ENERGY EFFICIENCY STANDARDS (TITLE 24, PART 1, CHAPTER 10) IS JANUARY 8, 2019 AND THE EFFECTIVE DATE FOR THE USE OF THE CALIFORNIA ADMINISTRATIVE CODE (TITLE 24, PART 1, CHAPTER 4) IS JANUARY 8, 2019.

CODE REFERENCES

SITE DEMOLITION INCLUDES:
DEMO OF EXISTING ASPHALT AND CONCRETE PAVING.

NEW SITE WORK INCLUDES:
NEW ASPHALT AND CONCRETE PAVING FOR PATH OF TRAVEL UPGRADES.
NEW CHAIN LINK FENCING AND ACCESSIBLE GATES.

NEW BUILDING "S.S.H." TYPE AND SQUARE FOOTAGE:
NEW 40'X60' SHADE STRUCTURE.

FUNDING SOURCE:
ESSER II AND ESSER III

SCOPE OF WORK

PROJECT ADDRESS:

ANTELOPE VALLEY HIGH SCHOOL
44900 DIVISION ST.,
LANCASTER, CA 93535

PROJECT OWNER:

ANTELOPE VALLEY UNION HIGH
SCHOOL DISTRICT
44811 NORTH SIERRA HIGHWAY
LANCASTER, CA 93534
(661) 952-2287
CONTACT:
MAT HAVENS

PROJECT ARCHITECT:

FF&J ARCHITECTS INC.
19153 TOWN CENTER DR., SUITE 101
APPLE VALLEY, CA 92308
(760) 240-6211
PROJECT MANAGER:
RICK SIMPER
ARCHITECT OF RECORD:
GINO BASTIANON

CIVIL:

JT ENGINEERING
39336 N. AGUA DULCE CYN. RD. #103
AGUA DULCE, CA 91390
(661) 268-8899
CONTACT:
JOHN JACOB

ELECTRICAL:

A4F ENGINEERING GROUP, INC.
9520 BASELINE RD., SUITE C
RANCHO GIGAMONGA, CA 91701
(909) 941-3008
CONTACT:
LUIS E. FLORES

SHEET INDEX

SHEET NUMBER	SHEET TITLE
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CS	COVER SHEET
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C-2	GRADING IMPROVEMENT PLAN
C-3	GRADING IMPROVEMENT PLAN
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P.C. T-2.0	DSA 103 SAMPLE FORM
P.C. T-2.1	DSA 103 SAMPLE FORM
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Statement of General Conformance
FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS.
INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS PREPARED BY OTHER LICENSED
DESIGN PROFESSIONALS AND/OR CONSULTANTS


(Application No. 03-122129 File No. 19-H2)

- ☒ The drawings or sheets listed on the cover or index sheet
☐ This drawing, page of specifications/calculations

have been prepared by other design professionals or consultants who are licensed and/or authorized to prepare such drawings in this state. It has been examined by me for:

- design intent and appears to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications prepared by me, and
- coordination with my plans and specifications and is acceptable for incorporation into the construction of this project.

The Statement of General Conformance "shall not be construed as relieving me of my rights, duties, and responsibilities under Sections 17302 and 81138 of the Education Code and Sections 4-336, 4-341 and 4-344" of Title 24, Part 1. (Title 24, Part 1, Section 4-317 [b])

I find that:	<input checked="" type="checkbox"/> All drawings or sheets listed on the cover or index sheet <input type="checkbox"/> This drawing or page
<input checked="" type="checkbox"/> I am in general conformance with the project design intent, and <input checked="" type="checkbox"/> I have been coordinated with the project plans and specifications.	<input type="checkbox"/> I am in general conformance with the project design intent, and <input type="checkbox"/> I have been coordinated with the project plans and specifications.
Signature: 	Date: 03/25/2022
Architect or Engineer designated to be in general responsible charge	Architect or Engineer delegated responsibility for this portion of the work
GINO C. BASTIANON	
Print Name	Print Name
C-27564	6/23
License Number	Expiration Date
License Number	Expiration Date

A	AB.....AGGREGATE BASE ABV.....ABOVE ACC.....ACCESS ADJ.....ADJACENT A/C.....AIR CONDITIONING AC.....ASPHALTIC CONCRETE ALT.....ALTERNATE ALUM.....ALUMINUM AB.....ANCHOR BOLT ANOD.....ANODIZED ARCH.....ARCHITECT	G	GA.....GAGE/GAUGE GALV.....GALVANIZE GC.....GENERAL CONTRACTOR GLB.....GLU LAM BEAM/GLASS BLOCK GB.....GRADE BEAM/GRAB BAR GYP BD.....GYPSUM WALL BOARD	P	PL.....PLATE POC.....POINT OF CONNECTION PA.....PLANTER AREA PSI.....POUNDS PER SQUARE INCH P.....PROPERTY LINE (P).....PROPOSED FH.....FANIC HARDWARE PVC.....POLYVINYL CHLORIDE (PIPE)
B	BM.....BENCHMARK / BEAM BTN.....BETWEEN BIT.....BITUMINOUS BLKS.....BLOCKING BD.....BOARD BLDS.....BUILDING	H	HDR.....HEADER HVAC.....HEATING VENTILATING AND AIR COND.....CONDITIONING HORIZ.....HORIZONTAL HB.....HOLE BOLT HW.....HOT WATER HEATER HSS.....HOLLOW STRUCTURAL SECTION	Q	QT.....QUARRY TILE
C	CAB.....CABINET CFT.....CARPET CI.....CAST IRON CB.....CATCH BASIN CLS.....CEILING CL.....CENTERLINE CT.....CERAMIC TILE CL.....CHAIN LINK CLR.....CLEAR COL.....COLUMN CMU.....CONCRETE MASONRY UNIT CONT.....CONTINUOUS C/CJT.....CONTROL JOINT C.C.R.....CA CODE OF REGULATIONS	I	INT.....INTERIOR INV.....INVERT	R	RPA.....RAISED PLANTER AREA RAD.....RADIUS REF.....REFRIGERATOR REG.....REGISTER RET.....RETURN RAG.....RETURN AIR GRILL REV.....REVISION RD.....ROOF DRAIN RM.....ROOM RO.....ROUGH OPENING
D	DEMO.....DEMOLISH / DEMOLITION DIA.....DIAMETER DRA.....DRAWING D.S.A.....DEPT. OF THE STATE ARCHITECT DF.....DRINKING FOUNTAIN/ DOUGLAS FIR	J	JT.....JOINT JST.....JOIST	S	SCHD.....SCHEDULE SEC.....SECTION SHT.....SHEET SIM.....SIMILAR SPEC.....SPECIFICATION SQ.....SQUARE SS.....STAINLESS STEEL STD.....STANDARD STL.....STEEL STOR.....STORAGE SD.....STORM DRAIN STRUCT.....STRUCTURAL
E	(E).....EXISTING ELEC.....ELECTRICAL ELEV.....ELEVATION EXT.....EXTERIOR EWFW.....ELECTRICALLY WELDED WIRE FABR.....FABRIC EJ.....EXPANSION JOINT EN.....END NAIL	K	KIT.....KITCHEN	T	TEL.....TELEPHONE TV.....TELEVISION TJ.....TOOL JOINT T&S.....TONGUE & GROOVE T.S.....TOP OF SHEATHING TS.....TUBE STEEL TYP.....TYPICAL
F	FF.....FINISH FLOOR FA.....FIRE ALARM FRP.....FIBERGLASS REINFORCED PANELS FE.....FIRE EXTINGUISHER F.E.C.....FIRE EXTINGUISHER CABINET FHMS.....FLATHEAD MACHINE SCREEN FHMS.....FLATHEAD MACHINE SCREEN FD.....FLOOR DRAIN FTG.....FOOTING FND.....FOUNDATION FUR/FUR.....FURNITURE FS.....FLOOR SINK / FINISH SURFACE	L	LB.....LAGBOLT LAM.....LAMINATED LAY.....LAVATORY LTL.....LINTEL	U	UC.....UNDERCUT UG.....UNDERGROUND UNO.....UNLESS NOTED OTHERWISE
		M	MB.....MACHINE BOLT MH.....MANHOLE MFR.....MANUFACTURER MAS.....MASONRY MO.....MASONRY OPENING MAX.....MAXIMUM MECH.....MECHANICAL MER.....MEMBER MIN.....MINIMUM OR MINUTE MISC.....MISCELLANEOUS MOD.....MODULE (LAR)	V	VERT.....VERTICAL VCT.....VINYL COMPOSITION TILE
		N	NRC.....NOISE REDUCTION COEFFICIENT NOM.....NOMINAL NO.....NOT IN CONTRACT NTS.....NOT TO SCALE NO.....NUMBER (N).....NEW	W	WC.....WATER CLOSET W.....WATH W/O.....WITHOUT W.....WROUGHT IRON
		O	O/C.....ON CENTER OPP.....OPPOSITE OD.....OUTSIDE DIAMETER OHMB.....OVAL-HEAD MACHINE BOLT OHS.....OVAL-HEAD NOOD SCREW OH.....OVERHEAD OFCL.....OWNER FURNISHED CONTRACTOR INSTALLED		

ABBREVIATIONS

SYMBOLS

PROJECT DIRECTORY

SHEET INDEX

P.T.N: 64246-98

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122129 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 02/21/2023

REVISIONS BY



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Apple Valley, CA 92308
(760) 240-6211 • www.fj-arch.com
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ENGINEER

ARCHITECT



NEW SHADE STRUCTURE AND RELATED SITE WORK
AT ANTELOPE VALLEY HIGH SCHOOL

44900 DIVISION ST., LANCASTER, CA 93535

COVER SHEET

DATE: September, 2022
DRAWN: _____
JOB: _____
SHEET: ANT21-01a

CS

BID SET

GENERAL GRADING NOTES

- ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO LISTED BUILDING CODES, ALL APPLICABLE STATE AND MUNICIPAL ORDINANCES, CONTRACT DOCUMENTS, SPECIFICATIONS AND ALL OTHER RULES AND REGULATIONS HAVING JURISDICTION OVER THIS PROJECT. IN THE EVENT THAT TWO OR MORE REGULATIONS CONFLICT, THE MORE RESTRICTIVE SHALL GOVERN.
- THE CONTRACTOR AND ALL ITS SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR REVIEWING, UNDERSTANDING AND FOLLOWING ALL GENERAL NOTES THROUGHOUT THE PROJECT. ALL ITEMS STATED UNDER GENERAL NOTES ARE PART OF THE CONTRACT DOCUMENTS. CONTRACTOR IS RESPONSIBLE FOR INCLUDING AND TAKING INTO CONSIDERATION ALL GENERAL NOTES AND HOW IT AFFECTS THEIR CONSTRUCTION, SEQUENCING AND/OR BID. ANY QUESTIONS REGARDING GENERAL NOTES THROUGHOUT THE PROJECT SHALL BE ADDRESSED BY MEANS OF GENERAL NOTES THROUGHOUT THE BID PHASE. ANY ITEMS THAT HAVE NOT BEEN ACCOUNTED FOR AFTER AWARD OF BID THAT ARE STATED IN GENERAL NOTES, SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- DETAILS DESIGNATED AS TYPICAL ON DETAIL SHEETS ARE APPLICABLE THROUGHOUT PROJECT WHEREVER THE DESCRIBED CONDITION OCCURS AND MAY OR MAY NOT BE SPECIFICALLY REFERENCED ON ARCHITECTURAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THESE DETAILS AND UNDERSTANDING EXTENT OF THEIR APPLICATION PRIOR TO PERFORMING WORK.
- DIMENSIONS: ALL DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE. ALL DIMENSIONS ARE TO FACE OF FINISH UNLESS NOTED OTHERWISE.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL EXISTING TO REMAIN EQUIPMENT, STRUCTURES, FINISHES, AND SERVICES WHICH MAY BE DISTURBED THROUGH CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL EXERCISE CARE TO PROTECT ANY EXISTING ITEMS THAT MAY BE DAMAGED THROUGH CONSTRUCTION ACTIVITIES. IF SUCH DOCUMENTS WERE DISTURBED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND RETURN THE DAMAGED OR DISTURBED ITEMS TO THEIR PREVIOUS CONDITION AT NO COST TO THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURATE PLACEMENT OF ALL NEW CONSTRUCTION ON THE SITE.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS & SITE CONDITIONS BEFORE STARTING WORK. SHOULD A DISCREPANCY APPEAR IN THE CONTRACT DOCUMENTS OR BETWEEN THE CONTRACT DOCUMENTS & EXISTING CONDITIONS, NOTIFY THE ARCHITECT AT ONCE FOR INSTRUCTION ON HOW TO PROCEED.
- THE CONTRACTOR SHALL CONFINE HIS OPERATION ON THE SITE TO AREAS PERMITTED BY OWNER.
- THE JOBSITE SHALL BE MAINTAINED IN A CLEAN, ORDERLY CONDITION FREE OF DEBRIS AND LITTER AND SHALL NOT BE UNREASONABLY ENCUMBERED WITH ANY MATERIALS OR EQUIPMENT. EACH SUBCONTRACTOR IMMEDIATELY UPON COMPLETION OF EACH PHASE OF HIS WORK SHALL REMOVE ALL TRASH AND DEBRIS AS A RESULT OF HIS OPERATION.
- UPON COMPLETION OF EACH PHASE OF THE WORK AND AT SUCH TIMES AS DIRECTED BY THE OWNER, REMOVE ALL SURPLUS MATERIAL, TOOLS AND DEBRIS AND LEAVE THE SITE IN A CLEAN AND NEAT CONDITION.
- THE CONTRACTOR SHALL DO ALL CUTTING, FITTING, OR PATCHING OF HIS WORK THAT MAY BE REQUIRED TO MAKE ITS SEVERAL PARTS FIT TOGETHER PROPERLY & SHALL NOT ENDANGER ANY OTHER WORK BY CUTTING, EXCAVATING, OR OTHERWISE ALTERING THE TOTAL WORK OR ANY PART OF IT. ALL PATCHING, REPAIRING AND REPLACING OF MATERIALS AND SURFACES, CUT OR DAMAGED IN EXECUTION OF WORK, SHALL BE DONE WITH APPLICABLE MATERIALS SO THAT SURFACES REPLACED WILL, UPON COMPLETION, MATCH SURROUNDING SIMILAR SURFACES.
- WORK SHALL BE PERFORMED ACCORDING TO EDITION OF THE STANDARD SPECIFICATION AND PLANS FOR PUBLIC WORKS CONSTRUCTION (GREENBOOK AND S.P.P.W.C.), THE LATEST EDITION OF THE CALIFORNIA BUILDING CODE AND CITY CODE REQUIREMENTS.
- NO WORK SHALL BE STARTED WITHOUT A PRE-CONSTRUCTION MEETING WITH THE OWNER AND INSPECTOR OF RECORD.
- THE CONTRACTOR SHALL PROVIDE FOR CONTRIBUTORY DRAINAGE AT ALL TIMES AND TAKE ALL NECESSARY AND PROPER PRECAUTIONS TO PROTECT ADJACENT PROPERTIES AND IMPROVEMENTS FROM ANY AND ALL DAMAGE THAT MAY OCCUR FROM STORM WATER RUNOFF AND/OR DEPOSITION OF DEBRIS RESULTING FROM ANY AND ALL WORK.
- NO REVISIONS SHALL BE MADE TO THESE PLANS WITHOUT THE APPROVAL OF THE CIVIL ENGINEER.
- IMPORTANT NOTICE — SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE ANY "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER, CALL UNDERGROUND SERVICE ALERT TOLL FREE @ 1-800-422-4133, TWO WORKING DAYS BEFORE YOU DIG.
- ANY IMPROVEMENT(S) TO BE CONSTRUCTED WITHIN PUBLIC RIGHT-OF-WAY WILL REQUIRE SEPARATE CONSTRUCTION PERMIT AND INSPECTION FROM THE GOVERNING AGENCY(ES). CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL APPLICABLE PERMITS AND PAYING ANY REQUIRED FEES.
- FILLS SHALL BE COMPACTED THROUGHOUT TO AT LEAST 90% OF MAXIMUM DRY DENSITY AS DETERMINED BY A.S.T.M. SOIL COMPACTION TEST D 1557.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING ALL GRADE STAKES UNTIL AUTHORIZED BY SURVEYOR TO REMOVE.
- CONTRACTOR SHALL RESTORE LIKE FOR LIKE, TO THE SATISFACTION OF THE OWNER/ARCHITECT, ALL AREAS DAMAGED OR DISTURBED AS A RESULT OF WORK PERFORMED PURSUANT TO THESE PLANS AT HIS/HERS OWN EXPENSE.
- FIELD DENSITY MAY BE DETERMINED BY THE NUCLEAR DENSITY METHOD A.S.T.M. D2922 & D3017 PROVIDED NOT LESS THAN 10% OF THE REQUIRED DENSITY TESTS UNIFORMLY DISTRIBUTED ARE BY THE SAND-CONE METHOD. THE METHOD OF DETERMINING FIELD DENSITY AND LOCATION AND APPROXIMATE ELEVATION SHALL BE SHOWN IN THE COMPACTION REPORT. OTHER METHODS MAY BE USED IF RECOMMENDED BY THE SOILS ENGINEER AND APPROVED IN ADVANCE BY THE CITY ENGINEER.
- CRUSHED AGGREGATE BASE MATERIAL SHALL CONFORM TO SUBSECTION 200-2.2 OF STANDARD SPECIFICATIONS AND SHALL BE COMPACTED TO 95% RELATIVE COMPACTION USING MECHANICAL COMPACTING EQUIPMENT.
- THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES WHETHER SHOWN OR NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR FURTHER ASSUMES ALL LIABILITY AND RESPONSIBILITY FOR THE UTILITY PIPES, CONDUITS, OR STRUCTURES SHOWN OR NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL PUBLIC AND PRIVATE PROPERTY INSOFAR AS IT MAY BE AFFECTED BY THESE OPERATIONS. ALL COSTS FOR PROTECTING, REMOVING, AND RESTORING EXISTING IMPROVEMENTS SHALL BE BORNE BY THE CONTRACTOR.
- CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE IN EFFECT AT ALL TIMES.
- THE CONTRACTOR SHALL VERIFY ALL JOINT ELEVATIONS PRIOR TO THE REMOVAL OF PAVEMENT, CURB, GUTTER, SIDEWALK AND/OR SLOPE GRADING. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER OF RECORD PRIOR TO REMOVALS WITHIN THE AREA OF THE DISCREPANCIES.
- DUST SHALL BE CONTROLLED BY WATERING TO THE SATISFACTION OF THE INSPECTOR.
- WHERE THE IRRIGATION SYSTEM IN CONFLICT WITH NEW WORK NEEDS TO BE RELOCATED OR REPLACED, CONTRACTOR SHALL COORDINATE THE WATER SHUT OFF OR ANY ELECTRICAL RELATED WORK WITH OWNER 48 HOURS PRIOR COMMENCING THE WORK.



KNOW WHAT'S BELOW.
CALL BEFORE YOU DIG.

DIAL TOLL FREE
811

AT LEAST TWO DAYS
BEFORE YOU DIG.
UNDERGROUND SERVICE ALERT (USA)
OF SOUTHERN CALIFORNIA

GENERAL GRADING NOTES

- ALL EXPOSED P.C.C. CORNERS SHALL BE ROUNDED WITH 1/2" RADIUS.
- ALL EXPORT OF MATERIAL FROM THE SITE MUST GO TO A PERMITTED SITE APPROVED BY THE BUILDING OFFICIAL OR A LEGAL DUMP SITE. RECEIPTS FOR ACCEPTANCE OF EXCESS MATERIAL BY A DUMP SITE ARE REQUIRED AND MUST BE PROVIDED TO THE BUILDING OFFICIAL UPON REQUEST.
- CONTRACTOR TO CALCULATE HIS/HER OWN EARTHWORK QUANTITIES FOR BIDDING PURPOSES.
- FOR JOINTS AT NEW CURB AND SIDEWALK REFER TO S.P.P.W.C. STD. PLAN NO. 112-2.
- IF WORK IS COMMENCED DURING RAINY SEASON, CONTRACTOR SHALL SATISFY CITY EROSION CONTROL REQUIREMENTS AND INSTALL APPROPRIATE BMPs.

BEST MANAGEMENT PRACTICES (BMPs)
FOR CONSTRUCTION ACTIVITIES

STORM WATER POLLUTION CONTROL REQUIREMENTS FOR CONSTRUCTION ACTIVITIES:
MINIMUM WATER QUALITY PROTECTION REQUIREMENTS FOR ALL DEVELOPMENT
CONSTRUCTION PROJECTS

- THE FOLLOWING IS INTENDED AS MINIMUM NOTES OR AS AN ATTACHMENT FOR BUILDING AND GRADING PLANS AND REPRESENT THE MINIMUM STANDARDS OF GOOD HOUSEKEEPING THAT MUST BE IMPLEMENTED ON ALL CONSTRUCTION SITES REGARDLESS OF SIZE.
- EVERY EFFORT SHALL BE MADE TO ELIMINATE THE DISCHARGE OF NON-STORMWATER FROM THE PROJECT SITE AT ALL TIMES.
 - ERODED SEDIMENTS AND OTHER POLLUTANTS SHALL BE RETAINED ON SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEETFLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES, OR WIND.
 - STOCKPILES OF EARTH AND OTHER CONSTRUCTION-RELATED MATERIALS SHALL BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.
 - FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS SHALL BE STORED IN ACCORDANCE WITH THEIR LISTING AND SHALL NOT CONTAMINATE THE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS SHALL BE PROTECTED FROM THE WEATHER. SPILLS SHALL BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS SHALL NOT BE WASHED INTO THE DRAINAGE SYSTEM.
 - EXCESS OR WASTE CONCRETE SHALL NOT BE WASHED INTO THE PUBLIC RIGHT-OF-WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.
 - TRASH AND CONSTRUCTION-RELATED SOLID WASTES SHALL BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.
 - SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS SHALL BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC RIGHT-OF-WAY. ACCIDENTAL DEPOSITIONS SHALL BE SWEEP UP IMMEDIATELY AND SHALL NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
 - ANY SLOPES WITH DISTURBED SOILS OR DENuded OF VEGETATION SHALL BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.
 - THE FOLLOWING BMP'S AS OUTLINED IN, BUT NOT LIMITED TO, THE "BEST MANAGEMENT PRACTICE HANDBOOK, CALIFORNIA STORMWATER QUALITY TASK FORCE, SACRAMENTO, CALIFORNIA", THE LATEST REVISED EDITION, MAY APPLY DURING THE CONSTRUCTION OF THIS PROJECT (ADDITIONAL MEASURES MAY BE REQUIRED IF DEEMED APPROPRIATE BY CITY INSPECTORS).

EROSION CONTROL

- EC1 - SCHEDULING
EC2 - PRESERVATION OF EXISTING VEGETATION
EC3 - HYDRAULIC MULCH
EC4 - HYDROSEEDING
EC5 - SOIL BINDERS
EC6 - STRAW MULCH
EC7 - GEOTEXTILES & MATS
EC8 - WOOD MULCHING
EC9 - EARTH DIKES AND DRAINAGE SWALES
EC10 - VELOCITY DISSIPATION DEVICES
EC11 - SLOPE DRAINS

TEMPORARY SEDIMENT CONTROL

- SE1 - SILT FENCE
SE2 - SEDIMENT BASIN
SE3 - SEDIMENT TRAP
SE4 - CHECK DAM
SE5 - FIBER ROLLS
SE6 - GRAVEL BAG BERM
SE7 - STREET SWEEPING AND VACUUMING
SE8 - SANDBAG BARRIER
SE9 - STRAW BALE BARRIER
SE10 - STORM DRAIN INLET PROTECTION

WIND EROSION CONTROL

- WE1 - WIND EROSION CONTROL

EQUIPMENT TRACKING CONTROL

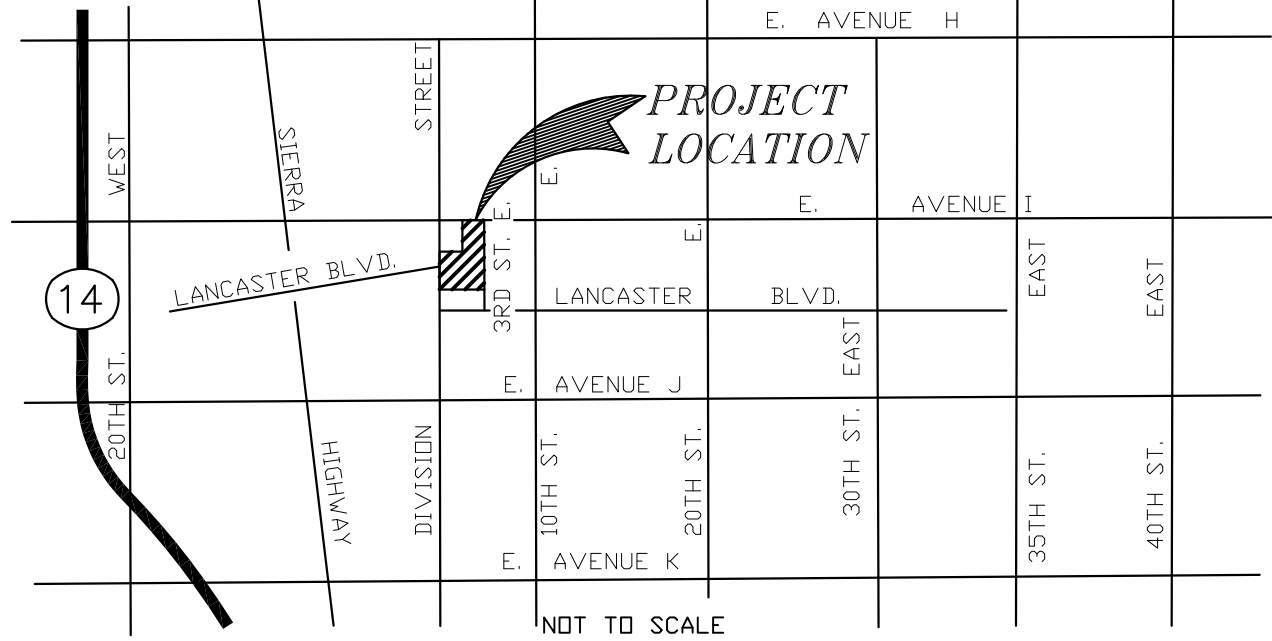
- TC1 - STABILIZED CONSTRUCTION ENTRANCE/EXIT
TC2 - STABILIZED CONSTRUCTION ROADWAY

BENCHMARK:

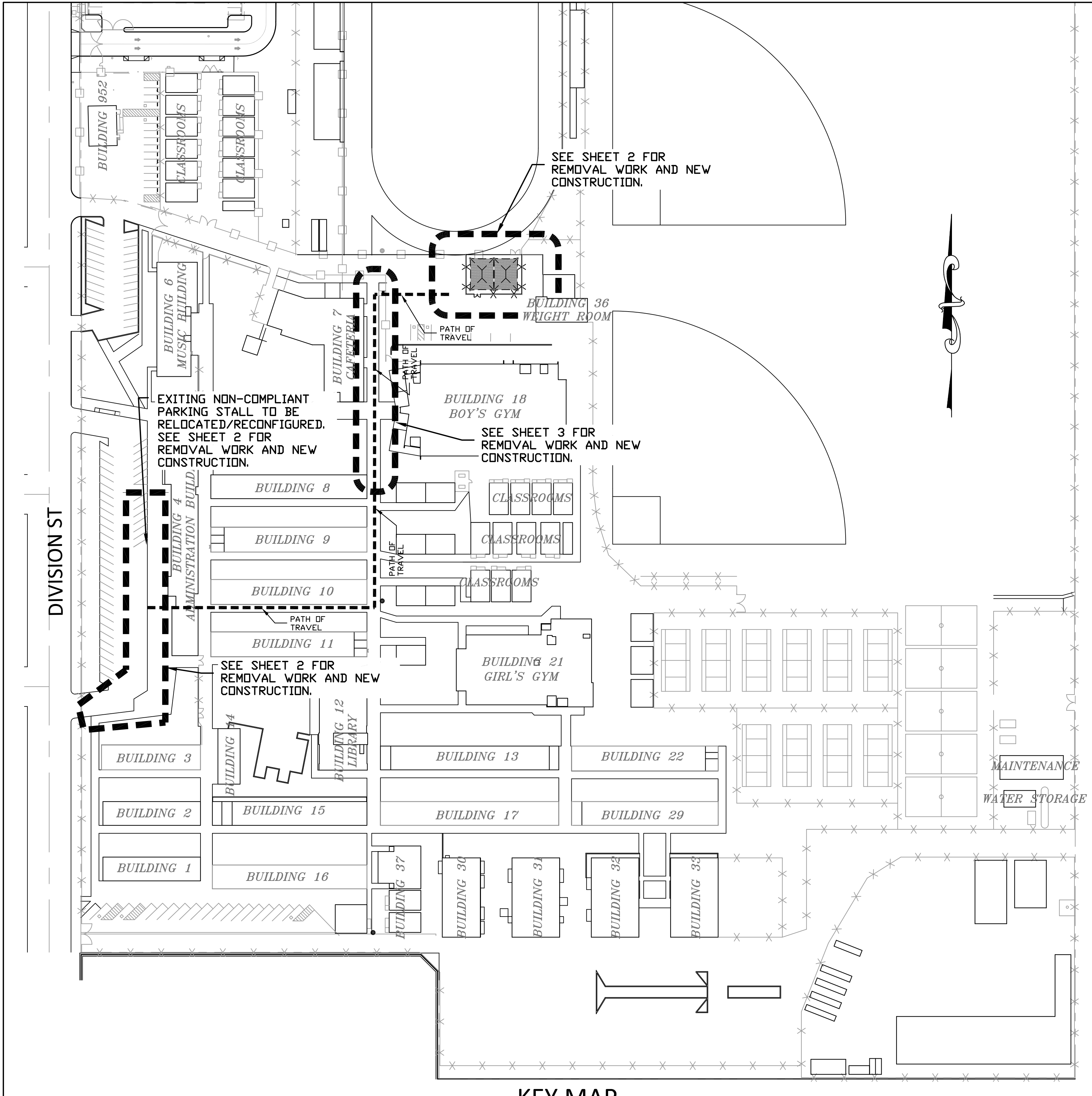
A TEMPORARY BENCHMARK WAS SET WITH A PK NAIL AND SHINER AT TBM#1, APPROXIMATELY 80 FEET WEST OF THE BUILDING 36.

LEGEND (WHERE APPLICABLE)

XXXX	EXISTING SPOT ELEVATION	AP	ANGLE POINT	FS	FINISH SURFACE
////	BUILDING LINE	BC	BEGINNING OF CURVE	GB	GRADE BREAK
—	EX. CURB & GUTTER	BLDG	BUILDING	GS	GROUND SHOT
—	EX. CONCRETE PAVING	BX	BOTTOM OF X	GV	GAS VALVE
—	EX. CHAIN LINK FENCE	CL	CENTER LINE	HP	HIGH POINT
—	EX. VI FENCE	CC	CONCRETE CORNER	RSR	RISER
—	NEW CHAIN LINK FENCE	CE	CONCRETE EDGE	SCRL	SCORE LINE
—	EX. SIGN	CONC	CONCRETE	SDMH	STORM DRAIN MANHOLE
—	TEMPORARY BENCHMARK	DI	DROP INLET DRAIN	SGN	SIGN POST
		EC	END OF CURVE	SMH	SEWER MANHOLE
		EG	EDGE OF GUTTER	STRP	STRIPING
		ELEC	ELECTRICAL	TC	TOP OF CURB
		EP	EDGE OF PAVEMENT	TCC	TOP OF CURB CORNER
		EPB	ELECTRICAL PULL BOX	TD	TRUNCATED DUMES
		EX	EXISTING	TV	TOP OF WALL
		FCE	CHAINLINK FENCE	TX	TOP OF X
		FF	FINISH FLOOR	VLT	VAULT
		FH	FIRE HYDRANT	VM	WATER METER
		FL	FLOW LINE	VV	WATER VALVE
		FOW	FACE OF WALL	PB	PULL BOX



VICINITY MAP



KEY MAP

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122129 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 02/21/2023

REVISIONS	BY

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Frick, Frick & Jette Architects
19153 Town Center Dr., Suite 101
Apple Valley, CA 92308
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ENGINEER
PROFESSIONAL JACOB J. BASTIAN
Exp. 06-30-25
STATE OF CALIFORNIA

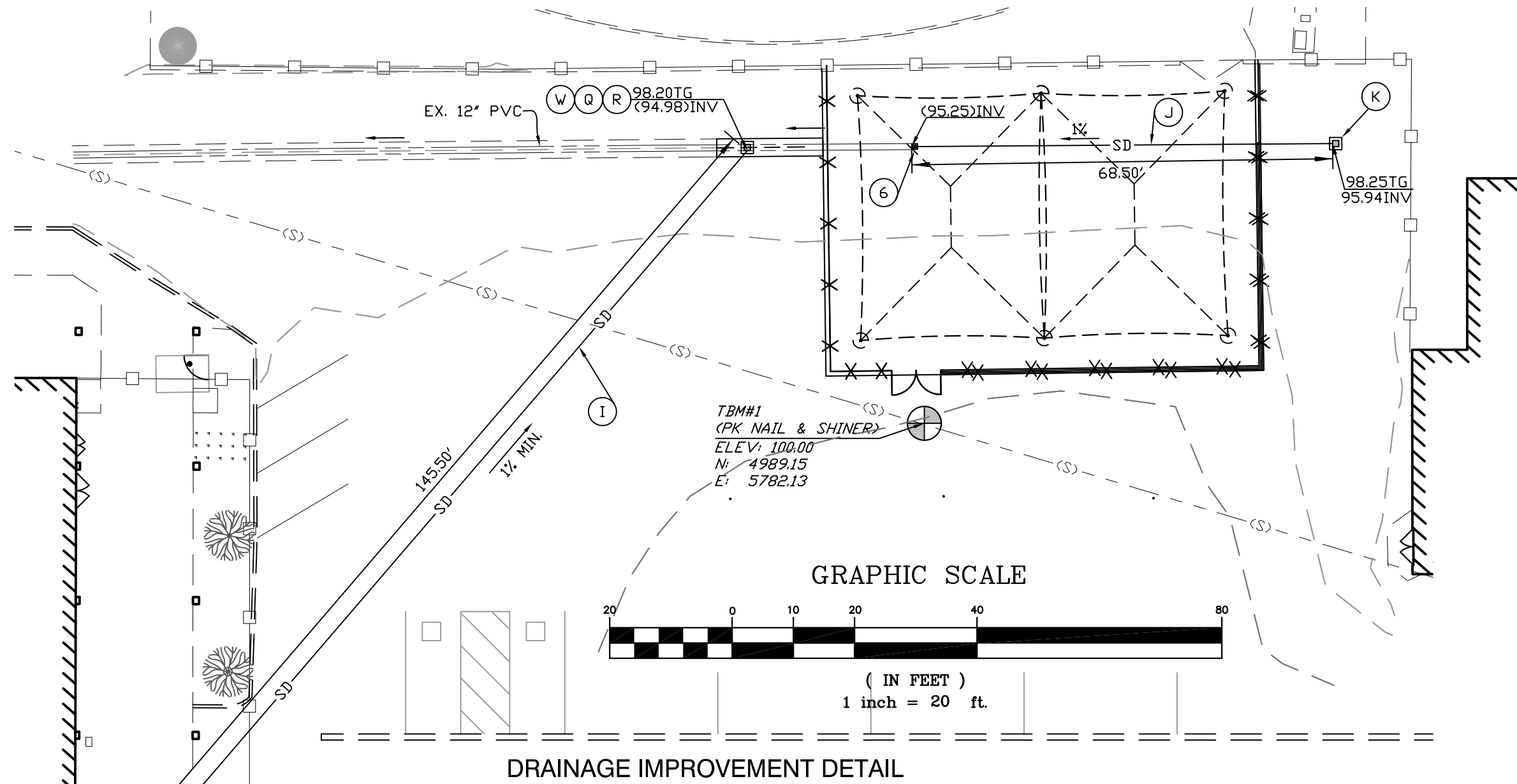
ARCHITECT
L. C. BASTIAN
No. 27546
REN. 6-2023
STATE OF CALIFORNIA

PROJECT:
NEW SHADE STRUCTURE AND A.D.A.
PATH-OF-TRAVEL MITIGATION
ANTELOPE VALLEY HIGH SCHOOL
44960 DIVISION ST
LANCASTER CA, 93535

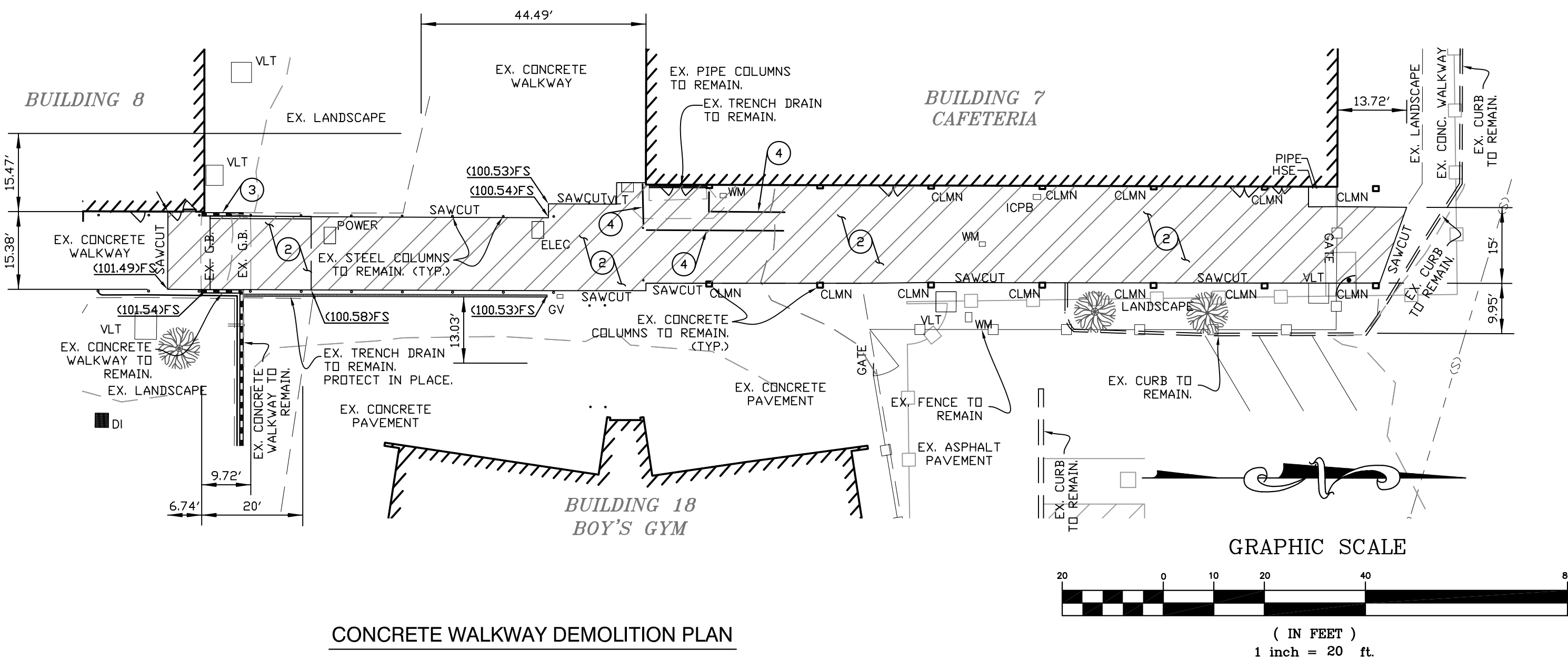
SHEET NAME:
GRADING IMPROVEMENT PLAN

DATE: 09/13/2022
DRAWN: RM
JOB: JT2316
SHEET: C-1

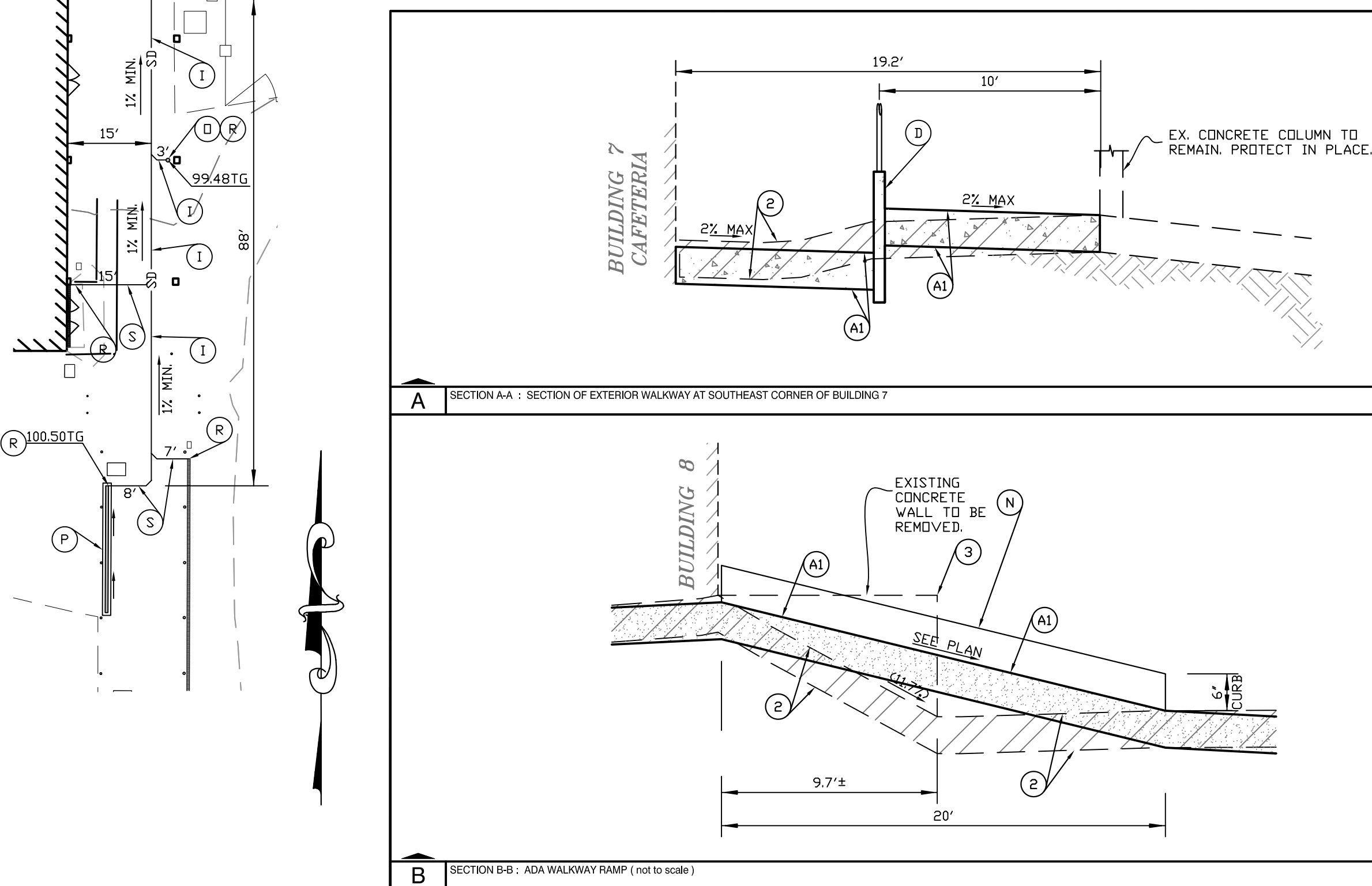
C-1



DRAINAGE IMPROVEMENT DETAIL

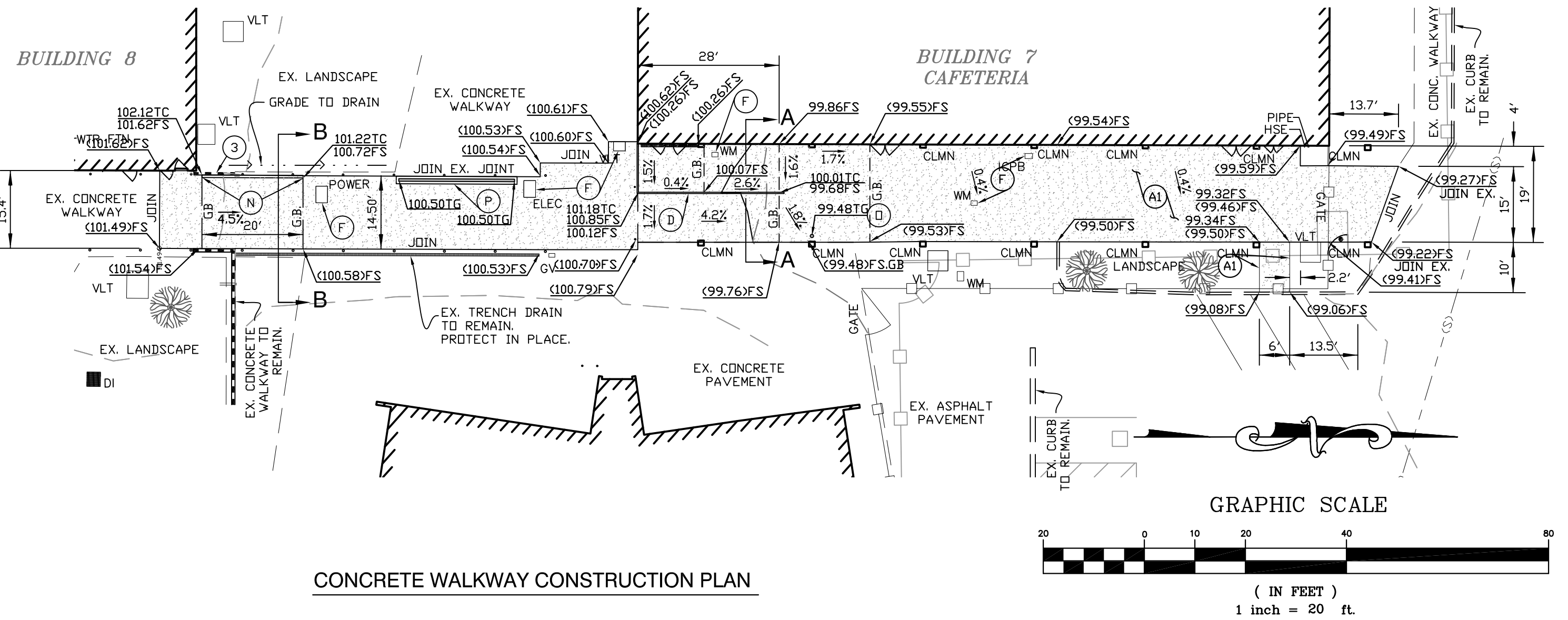


CONCRETE WALKWAY DEMOLITION PLAN

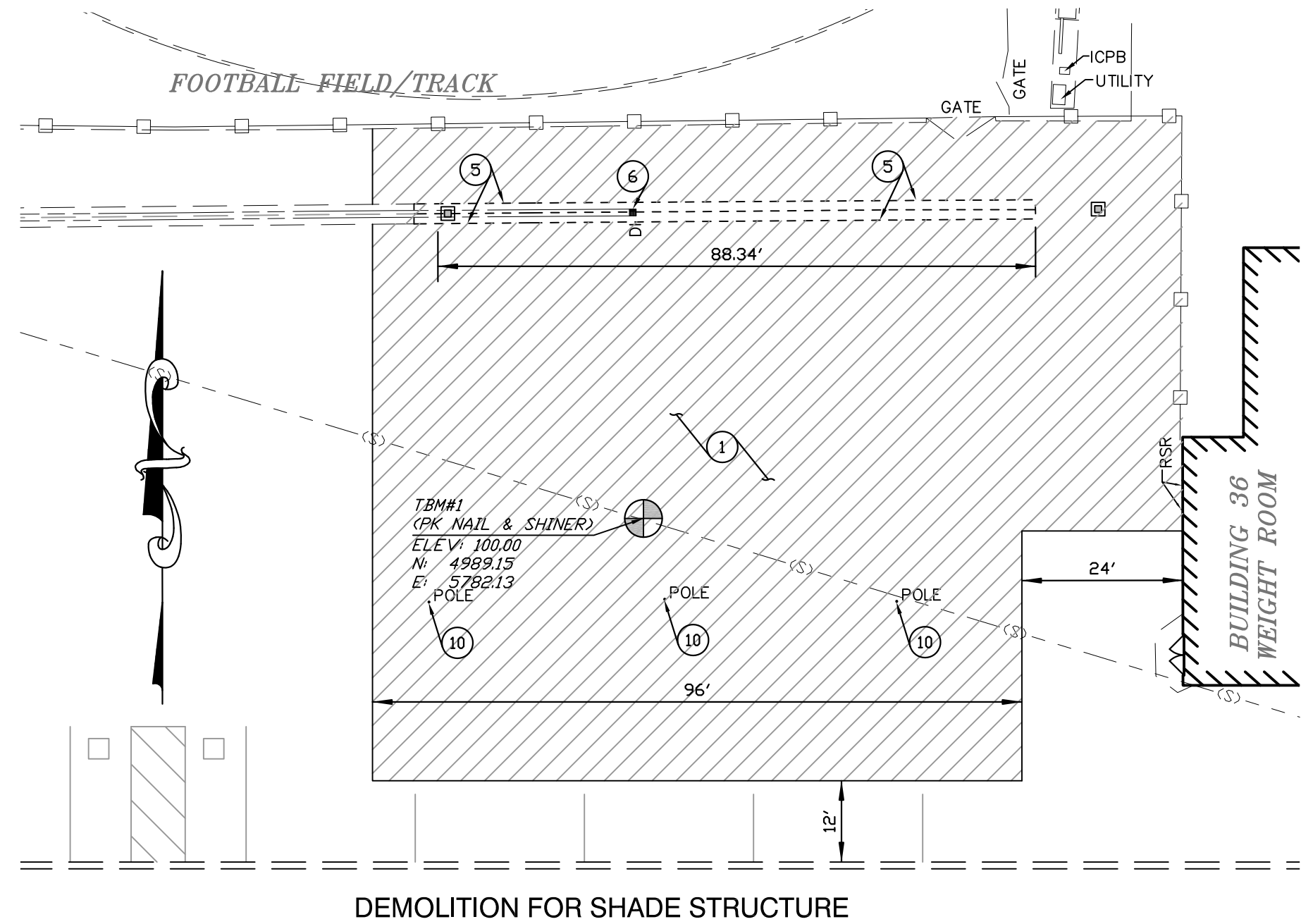


SECTION A-A: SECTION OF EXTERIOR WALKWAY AT SOUTHEAST CORNER OF BUILDING 7

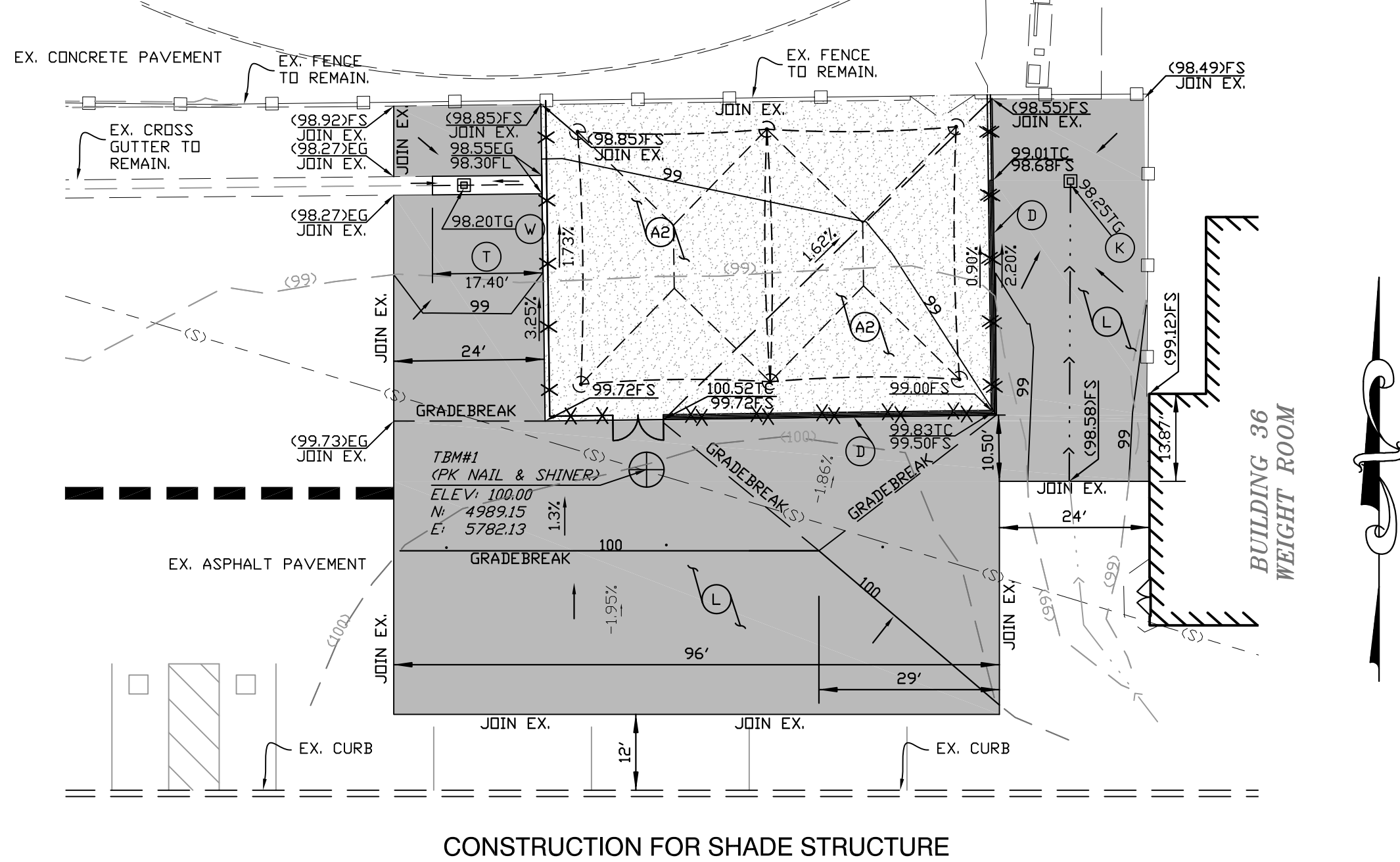
SECTION B-B: ADA WALKWAY RAMP (not to scale)



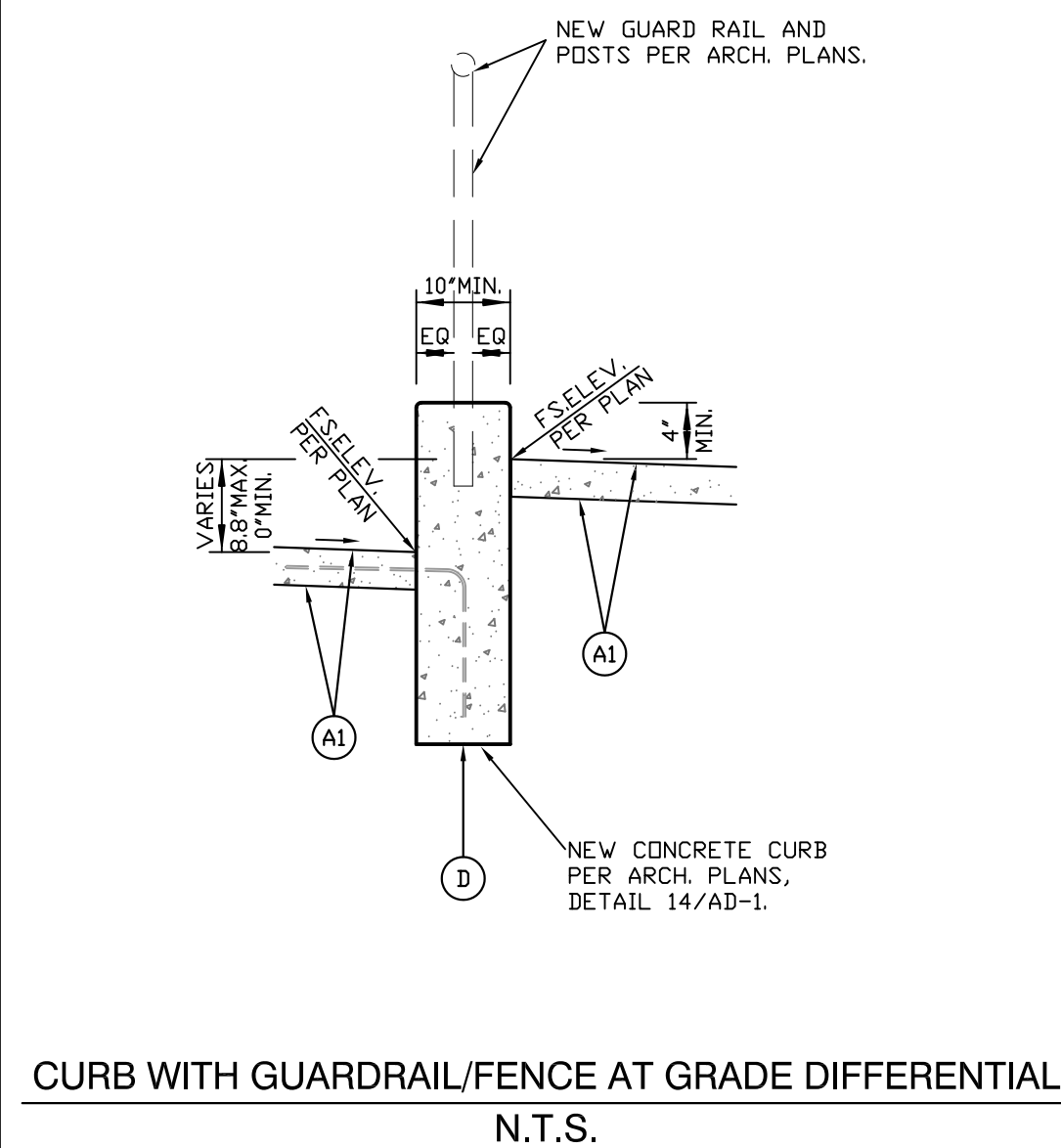
CONCRETE WALKWAY CONSTRUCTION PLAN



DEMOLITION FOR SHADE STRUCTURE



CONSTRUCTION FOR SHADE STRUCTURE



CURB WITH GUARDRAIL/FENCE AT GRADE DIFFERENTIAL

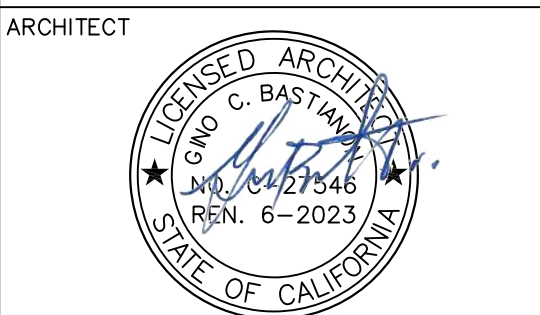
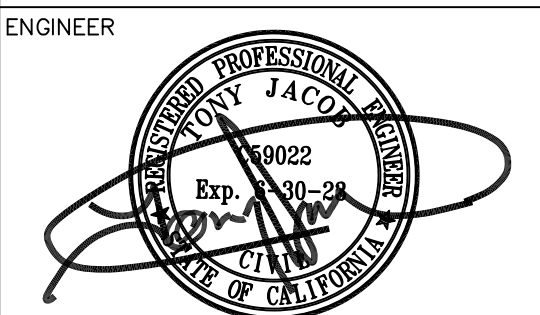
N.T.S.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122129 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 02/21/2023

REVISIONS	BY

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19153 Town Center Dr., Suite 101
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PROJECT: NEW SHADE STRUCTURE AND A.D.A. PATH-OF-TRAVEL MITIGATION ANTELOPE VALLEY HIGH SCHOOL 44900 DIVISION ST LANCASTER CA, 93535

DATE: 03/21/2022
DRAWN: RM
JOB: JT2316
SHEET: C-3

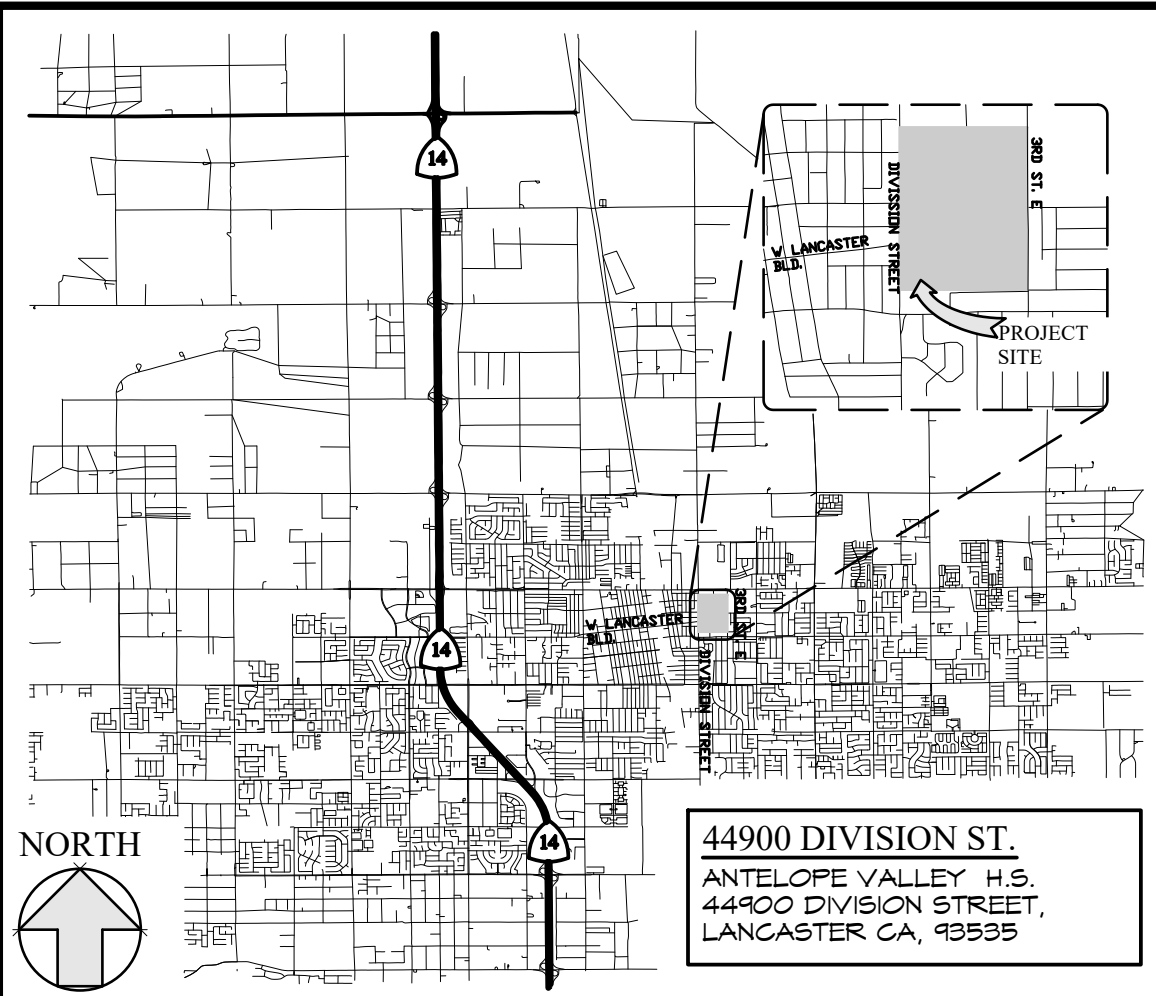
GRADING IMPROVEMENT PLAN

C-3

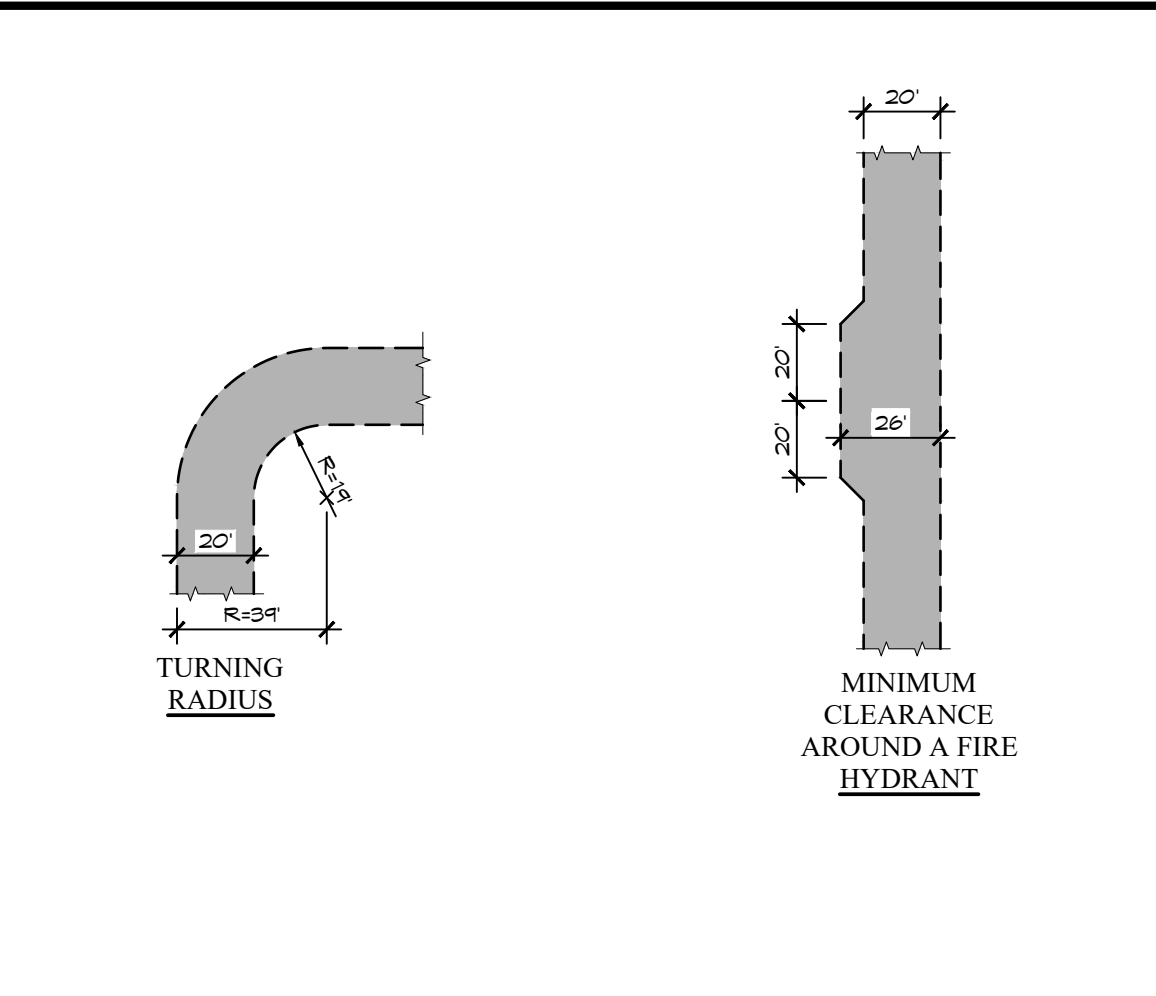
ANTELOPE VALLEY HIGH SCHOOL

BID SET

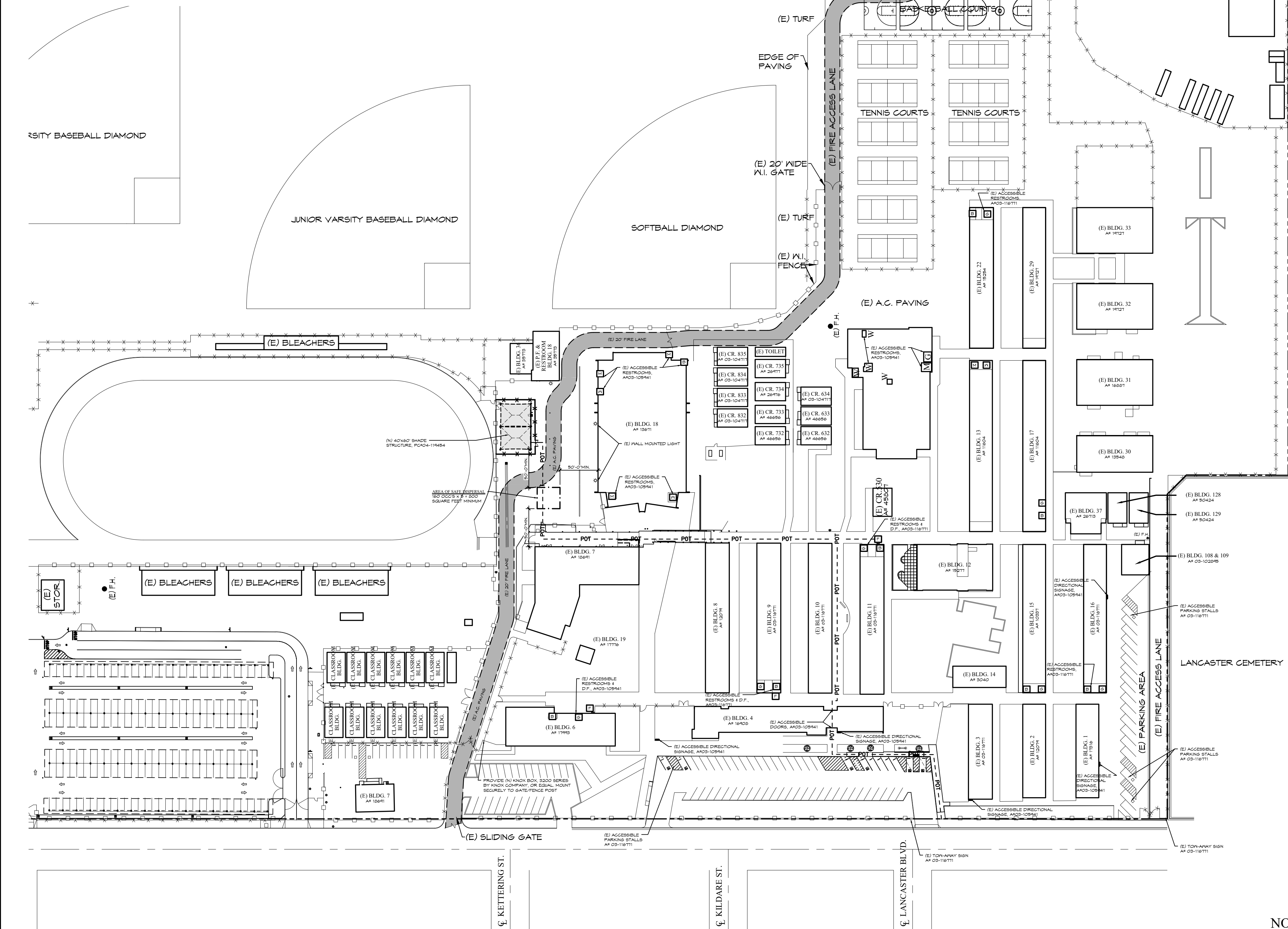
SHEET SIZE: ARCH D (24"x36")
PLOT DATE: 9/13/2023 3:48 PM



VICINITY MAP



FIRE LANE DETAIL



OVERALL SITE PLAN



810

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

Division of the State Architect (DSA) documents referenced within this publication are available on the [DSA Forms](#) or [DSA Publications](#) webpages.

To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new building(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply.

Information associated with compliance items 1 through 3 below is to be provided for all project types indicated above. Information associated with items 4 through 7 is to be completed when an alternate means is utilized. Acknowledgement by the school district and signature from the Local Fire Authority (LFA) is only required when an alternate design means is being requested.

The Project Information and Fire & Life Safety Information sections are to be completed for all projects and imaged onto the fire access site plan. When an alternate design/means is proposed, all sections on pages 1 and 2 are to be completed and imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and DSA Policy *PL 09-01: Fire Flow for Buildings*.

PROJECT INFORMATION	
School District/Owner:	ANTELOPE VALLEY UNION HIGH SCHOOL DISTRICT
Project Name/School:	ANTELOPE VALLEY HIGH SCHOOL
Project Address:	44900 DIVISION STREET, LANCASTER, CA 93535

FIRE & LIFE SAFETY INFORMATION		
1.	Has a fire hydrant flow test been performed within the past 12 months? (If yes, provide a copy of the test data.)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
2.	Was the fire hydrant water flow test performed as part of this LFA review?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
3.	Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal-Fire? (If yes, indicate FHSZ classification below.)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Refer to the following website for FHSZ locations: http://eqis.fire.ca.gov/FHSZ/		Moderate <input type="checkbox"/> High <input type="checkbox"/> Very High <input type="checkbox"/>
Wildland Interface Area (WIFA) (If any designations are checked, project design must meet the requirements of CBC Chapter 7A.)		WIFA <input type="checkbox"/>

DGS DSA 810 (revised 12/29/20)
DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES Page 1 of 4
STATE OF CALIFORNIA

DSA 810 FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

CONDITION MEANS AND METHODS RESOLUTION	ALTERNATE ACCEPTED
4. Emergency vehicle access roadways do not meet CFC requirements.	Yes No N/A N/R
4a. Acceptable Alternate: Emergency vehicle and personnel access as proposed by the project architect is acceptable for providing fire suppression and protection of life and property.	
5. Fire Hydrants: Number and spacing does not meet CFC requirements.	
5a. Acceptable Alternate: Number of fire hydrants and spacing as proposed by the project architect is acceptable for fire suppression and protection of life and property.	
6. Fire Hydrants: Water flow and pressure are less than CFC minimum.	
6a. Acceptable Alternate: The available flow and pressure is acceptable for providing fire suppression and protection of life and property.	
7. Location of fire department connection(s) serving fire sprinkler systems or standpipe systems does not meet CFC requirements.	
7a. Acceptable Alternate: The location of fire department connection serving the fire sprinkler system and/or standpipe system is acceptable for providing fire suppression and protection of life and property.	

School District Acceptance of Acceptable Design Alternates

By signing this form, the school district acknowledges and accepts the proposed design as an alternative to California Building Code (CBC) and California Fire Code (CFC) minimum requirements, as indicated by one or more of the conditions indicated at items 4a, 5a, 6a or 7a, for providing fire and life safety protection of life and property.

Accepted by: _____ Title: _____

Signature: _____ Date: _____

LOCAL FIRE AUTHORITY (LFA) INFORMATION	
LFA Agency Name:	
LFA Review Official:	
Title:	Work Phone:
Work Email:	

LFA Reviewer's Signature: _____ Date: _____

DGS DSA 810 (revised 12/29/20)
DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES Page 2 of 4
STATE OF CALIFORNIA

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP: 03-122129 INC: REVIEWED FOR SS <input checked="" type="checkbox"/> FLS <input checked="" type="checkbox"/> ACS <input checked="" type="checkbox"/> DATE: 02/21/2023
--

REVISIONS	BY



ENGINEER

ARCHITECT



PROJECT:
NEW SHADE STRUCTURE AND RELATED SITE WORK
AT ANTELOPE VALLEY HIGH SCHOOL
44900 DIVISION ST., LANCASTER, CA 93535

SHEET NAME:

DATE: September, 2022
DRAWN:
JOB: ANT21-01a
SHEET:

A0.1

BID SET

Z:\ANTELOPE VALLEY\ANT21-01 - 555 - 1 VARIOUS SITES\ANT21-01A - ANTELOPE VALLEY HS\ARCH\A0.1 LOCAL FIRE AUTHORITY REVIEW.DWG

THESE DOCUMENTS AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, ARE THE SOLE PROPERTY OF FRICK, FRICK & JETTÉ ARCHITECTS, INC. AND ARE NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY PROJECT WITHOUT THE EXPRESS WRITTEN AUTHORIZATION OF FRICK, FRICK & JETTÉ ARCHITECTS, INC.

SHEET SIZE: ARCH D (24"x36")
PLOT DATE: 9/19/2022 3:48 PM

Z:\ANTELOPE VALLEY\ANT21-01 - 555 - 1 VARIOUS SITES\ANT21-01A - ANTELOPE VALLEY HS\ARCH-A-1 OVERALL SITE PLAN.DWG

BUILDING #/NAME	CHAPTER 3 OCCUPANCY GROUP	CHAPTER 6 TYPE OF CONSTRUCTION	ACTUAL FLOOR AREA (SQ. FT.)	FIRE SPRINKLERED	MAX. HEIGHT		AREA MODIFICATION (2019 CBC, SECTION 506)										RATIO ACTUAL/ ALLOWABLE	TOTAL RATIO = <1	REMARKS
					STORIES		FRONTAGE INCREASE (EQUATION 5-5) If = [E/P-0.25]W/30												
					TABLE 504.4	ACTUAL	TABLE 504.3	ACTUAL	TABULAR AREA TABLE 506.2 (At)	WIDTH LIMITS (EQUATION 5-4) (W)					NS	AREA MODIFICATION (EQUATION 5-1) Aa = At + (NS x If)			
											F=	P=	W=	FRONTAGE INCREASE (If)					
NEW SHADE STRUCTURE	A-3	V-B	2,400	NS	1	1	40	10	6,000				-	0.00	6,000	6,000	0.40	0.40	
TOTAL BUILDING AREA (SQ. FT.):			2,400																

OCCUPANT LOAD:
2,400 SQ. FT. / 15 = 160 OCC'S MAX

NOTE:

----- POT ----- POT ----- POT ----- POT -----
"ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A
BARRIER-FREE ACCESS ROUTE WITHOUT ABRUPT LEVEL CHANGES
EXCEEDING 1/4" IF BEVELED AT 1:2 MAXIMUM SLOPE OR VERTICAL
LEVEL CHANGES NOT EXCEEDING 1/4" MAXIMUM AND AT LEAST 48"
IN WIDTH. SURFACE IS STABLE, FIRM, AND SLIP-RESISTANT.
CROSS-SLOPE SHALL NOT BE STEEPER THAN 1:20. ACCESSIBLE
PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING
OBSTRUCTIONS TO 80" MINIMUM AND FREE OF OBJECTS
PROTRUDING MORE THAN 4" FROM THE WALL, ABOVE 27" AND
LESS THAN 80" ABOVE THE FLOOR. ARCHITECT SHALL VERIFY
THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL."

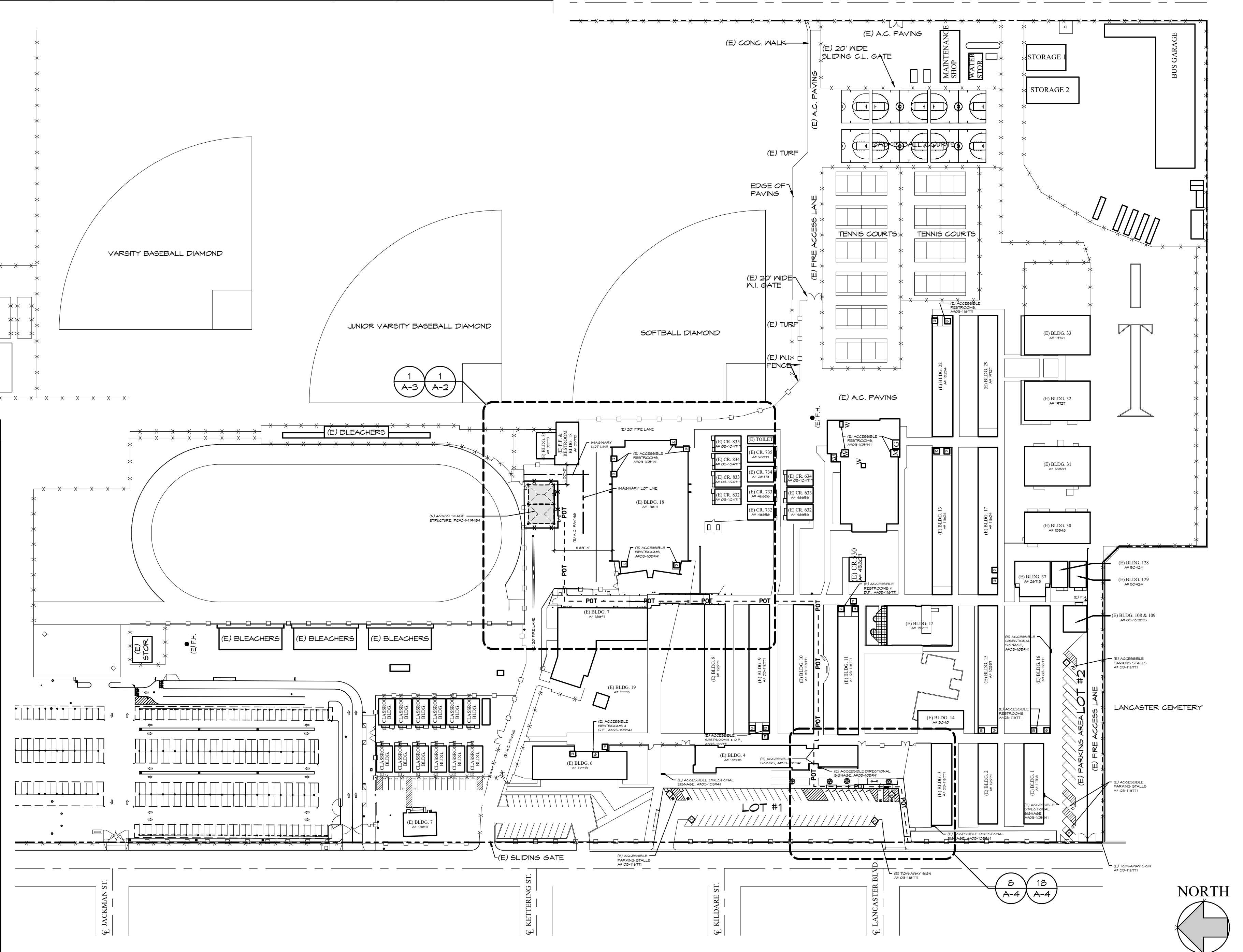
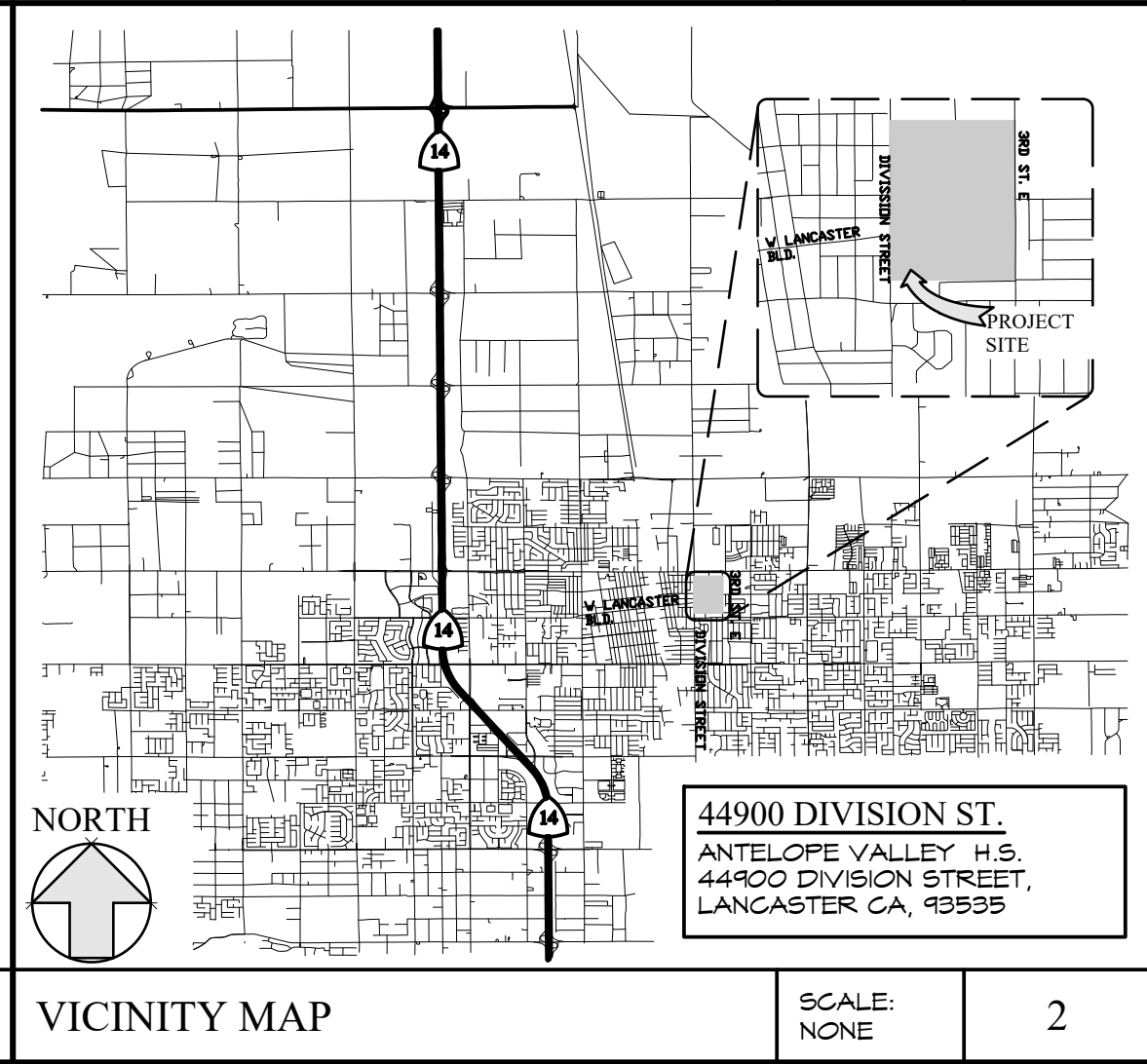
EASTSIDE HIGH SCHOOL A#S			
A#	PTN	PROJECT DESCRIPTION	CERTIFICATION STATUS
03-100502		CONSTRUCTION OF RELOCATABLE CLASSROOM BLDG	#1-CERTIFICATION & CLOSE OF FILE
03-103814		ALTERATIONS TO ENTIRE CAMPUS: (NEW FIRE ALARM SYSTEM IN ALL BUILDINGS.)	#1-CERTIFICATION & CLOSE OF FILE
03-104717		CONSTRUCTION OF 5 C.R. BLDGS. & 1 TOILET BLDG. (RELOCATABLES). & ALTERATIONS TO 2 C.R. BLDGS. (RELOCATION)	#1-CERTIFICATION & CLOSE OF FILE
03-105882		CONSTRUCTION OF CONSTRUCTION OF RELOCATABLE TOILET BLDG (PC-04-101447); RELOCATION OF (12) RELOCATABLE CLSRM BLDGS FROM STOCKPILE AP04-103216	#1-CERTIFICATION & CLOSE OF FILE
03-105941	64246-2	ALTERATION TO 7 C.R.BLDGS;LIB. BLDG;BOYS GYM/LOCKER BLDG; GIRLS GYM/LOCKER BLDG;P.E.BLDG.	#1-CERTIFICATION & CLOSE OF FILE
03-106593	64246-9	CONSTRUCTION OF EMERGENCY GENERATOR ENCLOSURE WALL ALTERATION TO 10 C.R. BLDGS (1, 2, 7, 8, 13, 14, 15, 16, 17 & 29)	#1-CERTIFICATION & CLOSE OF FILE
03-106859	64246-21	ALTERATION TO C.R. BLDG/S	#1-CERTIFICATION & CLOSE OF FILE
03-107344	64246-20	Alteration to Foundations of 2 - Relocatable C.R. Bldg/s	#1-CERTIFICATION & CLOSE OF FILE
03-108968	64246-40	Construction of (1) Homeside stadium wall and bleachers; (1) Homeside snack bar/toilets/ press box bldg; (2) Homeside shade structures; (1) Homeside snack bar; (1) Visitorside snack bar. Alteration to Existing visitorside bleachers (A# 422942), Existing toilet/physical fitness Bldg 36 (A# 357719), and site work	VOID/CANCELED DATE: 2/21/2007
03-109534	64246-30	Construction of SPECIAL EDUCATION BUILDING	VOID/CANCELED DATE: 7/18/2012
03-110318	64246-44	Construction of Bleachers,Press Box and Stadium Wall (Increment II); 2 Toilet Buildings & Food Service Building (Modular) (Increment I and II) Alteration to Toilet Bldg. [Bldg 36]; Bleachers[Visitor]; Site Work. [Increment I]	#1-CERTIFICATION & CLOSE OF FILE
03-116771	64246-77	Reconstruction of 1-Roof Joist Repair at Buildings 3,9,10,11,16,22	#1-CERTIFICATION & CLOSE OF FILE
03-122129	64246-98	Construction of 1-ne 60'x40' Shade Structure (PC#04-119454) & Related Site Work	UNDER REVIEW

OVERALL SITE PLAN

<div>RESTROOM LEGEND</div> <div><div>B</div>BOYS' RESTROOM (ELEMENTARY)</div> <div><div>B1</div>BOYS' RESTROOM (ADULT)</div> <div><div>G</div>GIRLS' RESTROOM (ELEMENTARY)</div> <div><div>G1</div>GIRLS' RESTROOM (ADULT)</div> <div><div>M</div>MEN'S RESTROOM</div> <div><div>M1</div>WOMEN'S RESTROOM</div> <div><div>T</div>STAFF TOILET (UNISEX)</div> <div><div>S</div>STUDENT TOILET (UNISEX)</div> <div><div>F</div>DUAL-HEIGHT DRINKING FOUNTAIN</div>	

PARKING COUNT 2019 CBC, TABLE 118-208.2		
TOTAL # OF PARKING SPACES FROM	TO	# ACCESSIBLE SPACES
1	25	1
26	50	2
51	75	3
76	100	4
101	150	5
151	200	6
201	300	7
301	400	8
401	500	9
501	1000	11
1001	AND OVER	11
*2% OF TOTAL		
**20, PLUS 1 FOR EACH 100, OR FRACTION THEREOF, OVER 1000		
PARKING LOT #1		
# OF STANDARD PARKING SPACES:	REQUIRED	PROVIDED
# OF ACCESSIBLE SPACES:	3	4
OF THOSE, # OF VAN PARKING:	1	2
TOTAL PARKING SPACES:		56
PARKING RATIO LOT #1		

- "DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT: THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECTS WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS. DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT."
- ALL ITEMS ARE EXISTING (E) UNLESS NOTED NEW (N).
- GRATINGS LOCATED IN THE SURFACE OF THE PEDESTRIAN WAY, IN THE PATH OF TRAVEL GRID/OPENINGS IN GRATINGS SHALL BE LIMITED TO 1/2" MAX. IN THE DIRECTION OF TRAFFIC FLOW. GRATINGS TO BE MODIFIED IF REQUIRED.
- REMOVE ALL GATE SIGNS THAT READ "LOCK".



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122129 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 02/21/2023

REVISIONS

BY

FF&J
Frick, Frick & Jetté Architects
19153 Town Center Dr., Suite 101
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(760) 240-6211 • www.fffj-arch.com
SERVING CLIENTS IN CALIFORNIA SINCE 1946
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ENGINEER

ARCHITECT
LICENSED ARCHITECT
C. BASTIEN
NO. 527546
REN. 6-2023
STATE OF CALIFORNIA

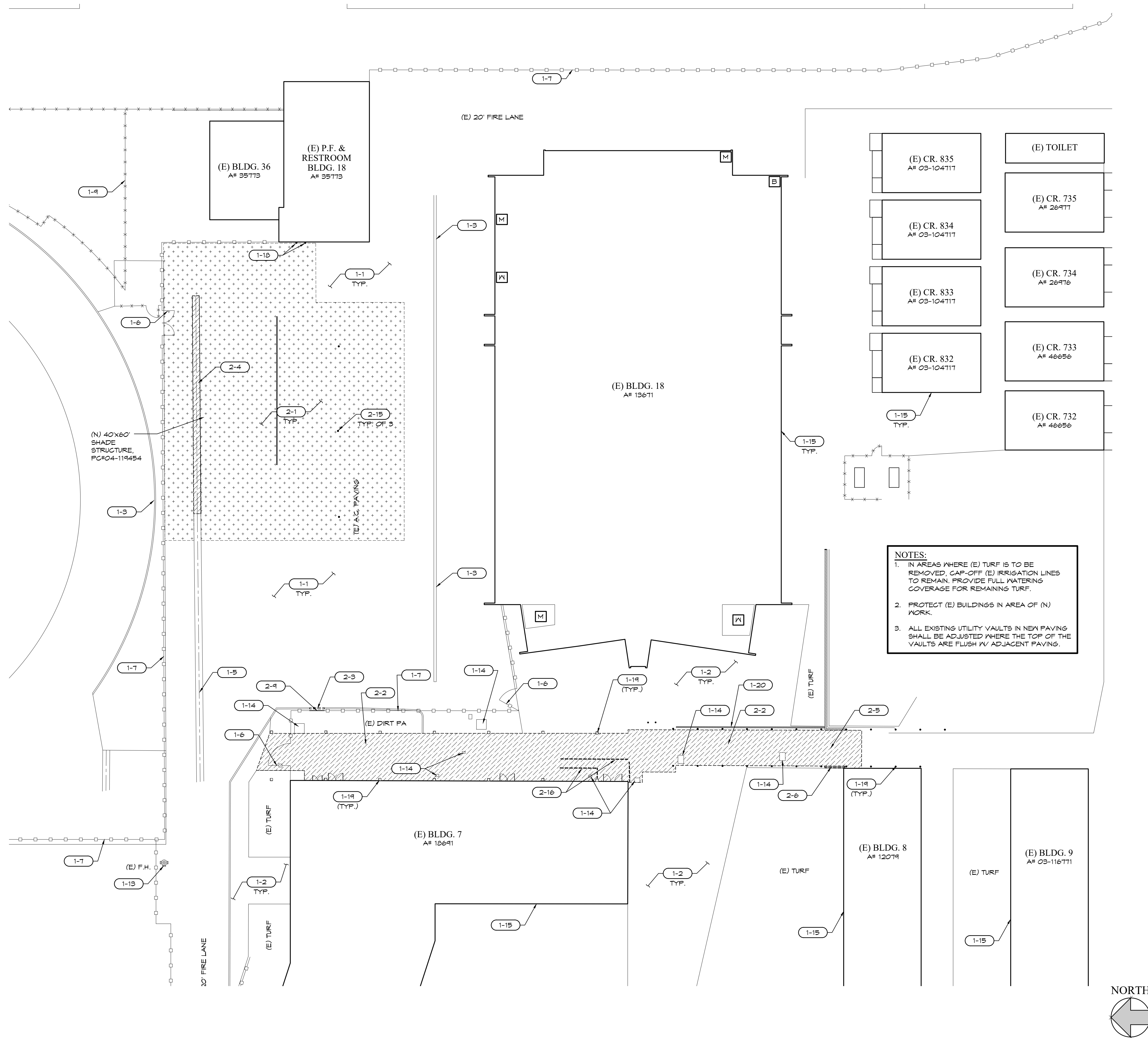
PROJECT:
NEW SHADE STRUCTURE AND RELATED SITE WORK
AT ANTELOPE VALLEY HIGH SCHOOL
44900 DIVISION ST., LANCASTER, CA 93555

DATE:
September, 2022

DRAWN:
JOB:
SHEET: ANT21-01a

OVERALL SITE PLAN

A-1



ENLARGED DEMO SITE PLAN - NORTH

SCALE:
1" = 20'

1



EXISTING

- | | |
|------|--|
| 1-1 | ASPHALT PAVING TO REMAIN. |
| 1-2 | CONCRETE PAVING TO REMAIN. |
| 1-3 | CONCRETE CURB TO REMAIN. |
| 1-4 | CONCRETE GUTTER TO REMAIN. |
| 1-5 | CONCRETE SVALE TO REMAIN. |
| 1-6 | TUBE STEEL GATE TO REMAIN. |
| 1-7 | TUBE STEEL FENCING TO REMAIN. |
| 1-8 | CHAIN LINK GATE TO REMAIN. |
| 1-9 | CHAIN LINK FENCING TO REMAIN. |
| 1-10 | TREE TO REMAIN, PROTECT IN PLACE. |
| 1-11 | SIGN TO REMAIN, PROTECT IN PLACE. |
| 1-12 | LIGHT STANDARD TO REMAIN, PROTECT IN PLACE. |
| 1-13 | FIRE HYDRANT TO REMAIN, PROTECT IN PLACE. |
| 1-14 | UTILITY VAULT TO REMAIN, ADJUST TO NEW SURFACE AS REQUIRED FOR FLUSH TRANSITION. |
| 1-15 | LINE OF (E) BUILDING TO REMAIN, PROTECT IN PLACE. |
| 1-16 | PARKING STRIPING TO REMAIN, PROTECT IN PLACE. |
| 1-17 | BLOCK WALL TO REMAIN, PROTECT IN PLACE. |
| 1-18 | RISERS TO REMAIN, PROTECT IN PLACE. |
| 1-19 | BLDG. COLUMN, PROTECT IN PLACE. (TYP.) |
| 1-20 | TRENCH DRAIN TO REMAIN, PROTECT IN PLACE. |
| 1-21 | |

DEMOLITION

- | | |
|------|--|
| 2-1 | SANICUT & REMOVE (E) ASPHALT PAVING, GRIND AS REQUIRED, SEE ENLARGED SITE PLANS & CIVIL DRAWINGS. |
| 2-2 | SANICUT & REMOVE (E) CONCRETE PAVING. |
| 2-3 | SANICUT & REMOVE (E) CONCRETE CURB. |
| 2-4 | SANICUT & REMOVE (E) CONCRETE SNALE. |
| 2-5 | SANICUT & REMOVE (E) CONCRETE RAMP. |
| 2-6 | SANICUT & REMOVE (E) CONCRETE PLANTERS/WALLS. |
| 2-7 | REMOVE (E) TRUNCATED DOMES. |
| 2-8 | REMOVE (E) TUBE STEEL GATE. |
| 2-9 | REMOVE PORTION OF (E) TUBE STEEL FENCING FOR NEW GATE |
| 2-10 | REMOVE (E) CHAIN LINK GATE. |
| 2-11 | REMOVE (E) CHAIN LINK FENCING, POSTS & FOOTINGS. |
| 2-12 | (E) WHEEL STOP TO BE REMOVED. |
| 2-13 | (E) SIGN, POST & FOOTING TO BE REMOVED. |
| 2-14 | BLANK OUT STRIPING. |
| 2-15 | (E) POST & FOOTING TO BE REMOVED. |
| 2-16 | (E) HANDRAILS & FOOTING TO BE REMOVED. |
| 2-17 | REMOVE (E) TURF AS REQUIRED FOR (N) CONCRETE CURB AND PAVING. REROUTE (E) IRRIGATION SYSTEM AS REQUIRED FOR OPTIMAL OPERATION. |

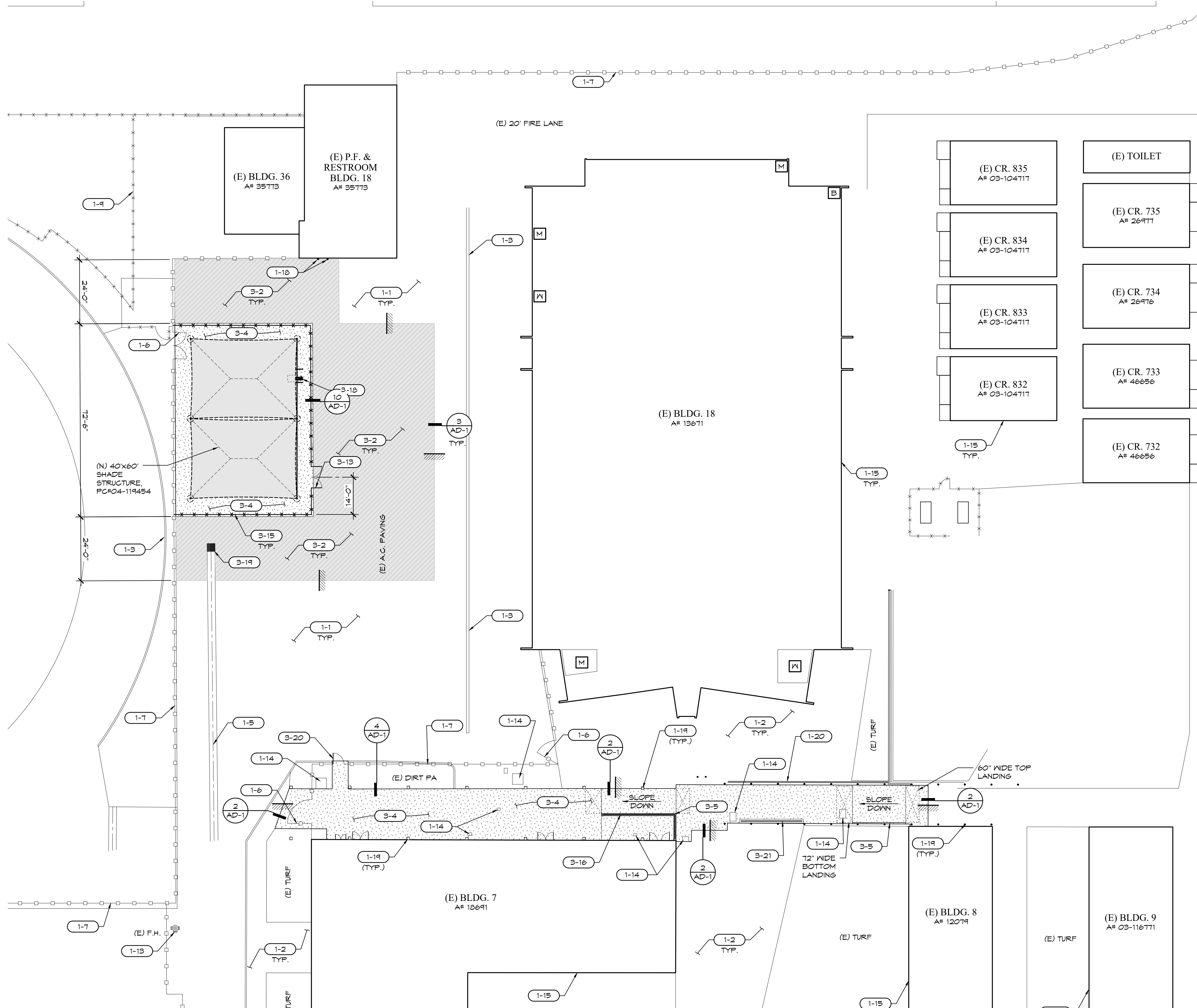
SITE PLAN KEYNOTES

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP: 03-122129 INC: REVIEWED FOR SS <input checked="" type="checkbox"/> FLS <input checked="" type="checkbox"/> ACS <input checked="" type="checkbox"/> DATE: 02/21/2023	
REVISIONS	BY
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>FF&J Frick, Frick & Jetté Architects 19153 Town Center Dr., Suite 101 Apple Valley, CA 92308 (760) 240-6211 www.ffj-arch.com</p> </div> <div style="text-align: right; font-size: small;"> <p>SERVING CLIENTS SINCE 1946 Architecture • Planning • Landscape Architecture</p> </div> </div>	
ENGINEER	
ARCHITECT	
	
PROJECT: NEW SHADE STRUCTURE AND RELATED SITE WORK AT ANTELOPE VALLEY HIGH SCHOOL 44900 DIVISION ST., LANCASTER, CA 93555	SHEET NAME: ENLARGED DEMO SITE PLAN - NORTH
DATE: September, 2022	
DRAWN: _____	
JOB: _____	
SHEET: ANT21-01a	
<h1 style="margin: 0;">A-2</h1>	

NOTES:
1. BORDER (CD) - D.dwg
2. SITE - Antelope Valley HS.dwg
3. REF - 2020.dwg

SHEET SIZE: ARCH D (24"x36")
PLOT DATE: 9/14/2023 8:14 AM

Z:\ANTELOPE VALLEY\ANT21-01 - S.S. - 1 VARIOUS SITES\ANT21-01A - ANTELOPE VALLEY HS\ARCH-A-3 ENLARGED NEW SITE PLAN - NORTH.dwg



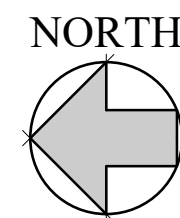
NOTES:

- DOMESTIC WATER PIPING: PIPING 2" AND SMALLER SHALL BE TYPE 'K' ASTM B36, HARD DRAWN COPPER WITH WROUGHT COPPER SWEAT FITTINGS ANSI B16.18 AND B16.22.
- STERILIZATION OF DOMESTIC WATER LINES: STERILIZE WATER LINES BY FILLING WITH A SOLUTION CONTAINING FIFTY (50) PARTS OF CHLORINE PER MILLION PARTS WATER AND HOLDING THE SOLUTION THEREIN FOR AT LEAST EIGHT (8) HOURS WITH A WATER HEAD OF AT LEAST FIVE FEET (5') ABOVE THE HIGHEST POINT IN THE SYSTEM, UNLESS OTHERWISE DIRECTED. THOROUGHLY FLUSH EACH LINE PRIOR TO STERILIZATION. INTRODUCTION OF STERILIZING SOLUTION OR MATERIALS INTO THE LINES SHALL BE SUCH AS TO PROVIDE THOROUGH AND UNIFORM DISTRIBUTION THROUGHOUT THE SYSTEM.
- OPERATE ALL VALVES DURING THE RETENTION PERIOD, FOLLOWING RETENTION PERIOD, THE HEAVY CHLORINATED WATER SHALL BE FLUSHED FROM THE SYSTEM WITH CLEAN WATER.

- CONTINUE FLUSHING UNTIL THE RESIDUAL CHLORINE AT THE END OF 24 HOURS IS AS REQUIRED BY ANWA C651.
- ALL WORK AND CERTIFICATION OF PERFORMANCE MUST BE DONE BY AN APPROVED LABORATORY UTILIZING QUALIFIED APPLICATIONS AND PERSONNEL.
- UPON COMPLETION OF THE DOMESTIC WATER LINE STERILIZATION, CONTRACTOR SHALL SUBMIT STERILIZATION REPORT DIRECTLY TO THE ARCHITECT STATING THAT ALL TESTING WAS PERFORMED AS SPECIFIED AND THAT TESTING WAS PERFORMED BY AN APPROVED LABORATORY UTILIZING QUALIFIED APPLICATIONS AND PERSONNEL.

- TESTING OF DOMESTIC WATER LINES: NO PIPING WORK SHALL BE CONCEALED OR COVERED UNTIL PIPING HAS BEEN TESTED, INSPECTED AND APPROVED BY THE INSPECTOR. ALL PIPING FOR PLUMBING SYSTEMS SHALL BE COMPLETELY INSTALLED AND TESTED AS REQUIRED BY THE CALIFORNIA PLUMBING CODE. TEST PRESSURES AND TIMES INDICATED ARE A

- MINIMUM ONLY. ALL TESTS SHALL BE AS REQUIRED BY THE GOVERNING AUTHORITY AS WELL.
- SCHEDULE OF TEST PRESSURES:
 - WATER - 100 PSI FOR 4 HOURS



EXISTING

- ASPHALT PAVING TO REMAIN.
- CONCRETE PAVING TO REMAIN.
- CONCRETE CURB TO REMAIN.
- CONCRETE GUTTER TO REMAIN.
- CONCRETE SNAKE TO REMAIN.
- TUBE STEEL GATE TO REMAIN.
- TUBE STEEL FENCING TO REMAIN.
- CHAIN LINK GATE TO REMAIN.
- CHAIN LINK FENCING TO REMAIN.
- TREE TO REMAIN, PROTECT IN PLACE.
- SIGN TO REMAIN, PROTECT IN PLACE.
- LIGHT STANDARD TO REMAIN, PROTECT IN PLACE.
- FIRE HYDRANT TO REMAIN, PROTECT IN PLACE.
- UTILITY VAULT TO REMAIN, ADJUST TO NEW SURFACE AS REQUIRED FOR FLUSH TRANSITION.
- LINE OF (E) BUILDING TO REMAIN, PROTECT IN PLACE.
- PARKING STRIPING TO REMAIN, PROTECT IN PLACE.
- BLOCK WALL TO REMAIN, PROTECT IN PLACE.
- RISERS TO REMAIN, PROTECT IN PLACE.
- BLDG. COLUMN, PROTECT IN PLACE. (TYP.)
- TRENCH DRAIN TO REMAIN, PROTECT IN PLACE.
-

NEW

- NOT USED
- ASPHALT PAVING, SEE CIVIL DRAWINGS & (1) AD-1
- ~~ASPHALT PAVING OVER AS FLUSH W/ AS EXIST PAVING~~
- CONCRETE PAVING, SEE CIVIL DRAWINGS & (4) AD-1
- CONCRETE CURB, SEE CIVIL DRAWINGS AND (14) AD-1
- ~~ACCESSIBLE CURB RAMP, SEE (14) AD-1~~
- STANDARD PARKING, SEE (16) AD-2
- NOT USED
- ~~ACCESSIBLE PARKING SPACE SIGN, SEE (16) AD-2~~
- ~~NOTES ON PLANS~~
- NOT USED
- ~~TUBE STEEL GATE WITH PANIC HARDWARE, SEE~~
- ~~PORTION OF TUBE STEEL FENCING, MATCH EXISTING~~
- ACCESSIBLE CHAIN LINK GATE W/ FORK LATCH, SEE (20) AD-1
- NOT USED
- 6'-0" HIGH CHAIN LINK FENCING, SEE (19) AD-1
- CURB W/ 34" HIGH METAL CANE RAIL, SEE (14) AD-1
- ~~RAMP, SEE CIVIL DRAWINGS~~
- ACCESSIBLE DUAL HEIGHT DRINKING FOUNTAIN WITH CANE RAILS, DRY WELL, AND 3/4" WATER LINE FROM BLDG. 18. CONTRACTOR TO VERIFY EXACT LOCATION. (16) AD-1
- CATCH BASIN, SEE CIVIL DRAWINGS
- ORNAMENTAL SWING GATE WITH PANIC HARDWARE AND ACCESS LEVER HANDLE SEE (20) AD-2
- TRENCH DRAIN, SEE CIVIL DRAWINGS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122129 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 02/21/2023

REVISIONS	BY

FF&J
Frick, Frick & Jetté Architects
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Apple Valley, CA 92308
(760) 240-6211 • www.fffj-arch.com
SERVING CLIENTS IN CALIFORNIA SINCE 1946
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ENGINEER

ARCHITECT



PROJECT:
NEW SHADE STRUCTURE AND RELATED SITE WORK
AT ANTELOPE VALLEY HIGH SCHOOL
44900 DIVISION ST., LANCASTER, CA 93335

SHEET NAME:
ENLARGED NEW SITE PLAN - NORTH

DATE: September, 2022
DRAWN:
JOB: ANT21-01a
SHEET:

A-3

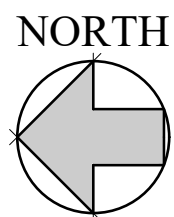
BID SET

ENLARGED NEW SITE PLAN - NORTH

SCALE:
1" = 20'

1

SITE PLAN KEYNOTES



1-1	ASPHALT PAVING TO REMAIN.
1-2	CONCRETE PAVING TO REMAIN.
1-3	CONCRETE CURB TO REMAIN.
1-4	CONCRETE GUTTER TO REMAIN.
1-5	CONCRETE SWALE TO REMAIN.
1-6	TUBE STEEL GATE TO REMAIN.
1-7	TUBE STEEL FENCING TO REMAIN.
1-8	CHAIN LINK GATE TO REMAIN.
1-9	CHAIN LINK FENCING TO REMAIN.
1-10	TREE TO REMAIN, PROTECT IN PLACE.
1-11	SIGN TO REMAIN, PROTECT IN PLACE.
1-12	LIGHT STANDARD TO REMAIN, PROTECT IN PLACE.
1-13	FIRE HYDRANT TO REMAIN, PROTECT IN PLACE.
1-14	UTILITY VAULT TO REMAIN, ADJUST TO NEW SURFACE AS REQUIRED FOR FLUSH TRANSITION.
1-15	LINE OF (E) BUILDING TO REMAIN, PROTECT IN PLACE.
1-16	PARKING STRIPING TO REMAIN, PROTECT IN PLACE.
1-17	BLOCK WALL TO REMAIN, PROTECT IN PLACE.
1-18	RISERS TO REMAIN, PROTECT IN PLACE.
1-19	BLDG. COLUMN, PROTECT IN PLACE. (TYP.)
1-20	TRENCH DRAIN TO REMAIN, PROTECT IN PLACE.
1-21	


- 2-1 SAWCUT & REMOVE (E) ASPHALT PAVING, GRIND AS REQUIRED, SEE ENLARGED SITE PLANS & CIVIL DRAWINGS.
- 2-2 SAWCUT & REMOVE (E) CONCRETE PAVING.
- 2-3 SAWCUT & REMOVE (E) CONCRETE CURB.
- 2-4 SAWCUT & REMOVE (E) CONCRETE SVALE.
- 2-5 SAWCUT & REMOVE (E) CONCRETE RAMP.
- 2-6 SAWCUT & REMOVE (E) CONCRETE PLANTERS/MALLS.
- 2-7 REMOVE (E) TRUNCATED DOMES.
- 2-8 REMOVE (E) TUBE STEEL GATE.
- 2-9 REMOVE PORTION OF (E) TUBE STEEL FENCING FOR NEW GATE
- 2-10 REMOVE (E) CHAIN LINK GATE.
- 2-11 REMOVE (E) CHAIN LINK FENCING, POSTS & FOOTINGS.
- 2-12 (E) WHEEL STOP TO BE REMOVED.
- 2-13 (E) SIGN, POST & FOOTING TO BE REMOVED.
- 2-14 BLANK OUT STRIPING.
- 2-15 (E) POST & FOOTING TO BE REMOVED.
- 2-16 (E) HANDRAILS & FOOTING TO BE REMOVED.
- 2-17 REMOVE (E) TURF AS REQUIRED FOR (N) CONCRETE CURB AND PAVING, REROUTE (E) IRRIGATION SYSTEM AS REQUIRED FOR OPTIMAL OPERATION.

SCALE: 1" = 20'	8
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



NEW


3-1 NOT USED


3-2 ASPHALT PAVING, SEE CIVIL DRAWINGS & 

3-3 ASPHALT PAVING OVER A.B. FLUSH W/ ADJACENT PAVING.



3-4 CONCRETE PAVING, SEE CIVIL DRAWINGS & 

3-5 CONCRETE CURB, SEE CIVIL DRAWINGS AND 

3-6 ACCESSIBLE CURB RAMP, SEE 

3-7 STANDARD PARKING, SEE 


3-8 NOT USED

3-9 ACCESSIBLE PARKING SPACE SIGN, SEE  OR  AS NOTED ON PLANS.


3-10 NOT USED


3-11 TUBE STEEL GATE WITH PANIC HARDWARE, SEE

3-12 PORTION OF TUBE STEEL FENCING, MATCH EXISTING.


3-13 ACCESSIBLE CHAIN LINK GATE W/ FORK LATCH, SEE 

3-14 NOT USED


3-15 6'-0" HIGH CHAIN LINK FENCING, SEE 

3-16 CURB W/ 34" HIGH METAL CANE RAIL, SEE 

3-17 RAMP, SEE CIVIL DRAWINGS.

3-18 ACCESSIBLE DUAL HEIGHT DRINKING FOUNTAIN WITH CANE RAILS, DRY WELL, AND 3/4" WATER LINE FROM BLDG. 1B. CONTRACTOR TO VERIFY EXACT LOCATION. 

3-19 CATCH BASIN, SEE CIVIL DRAWINGS

3-20 ORNAMENTAL SWING GATE WITH PANIC HARDWARE AND ACCESS LEVER HANDLE SEE 

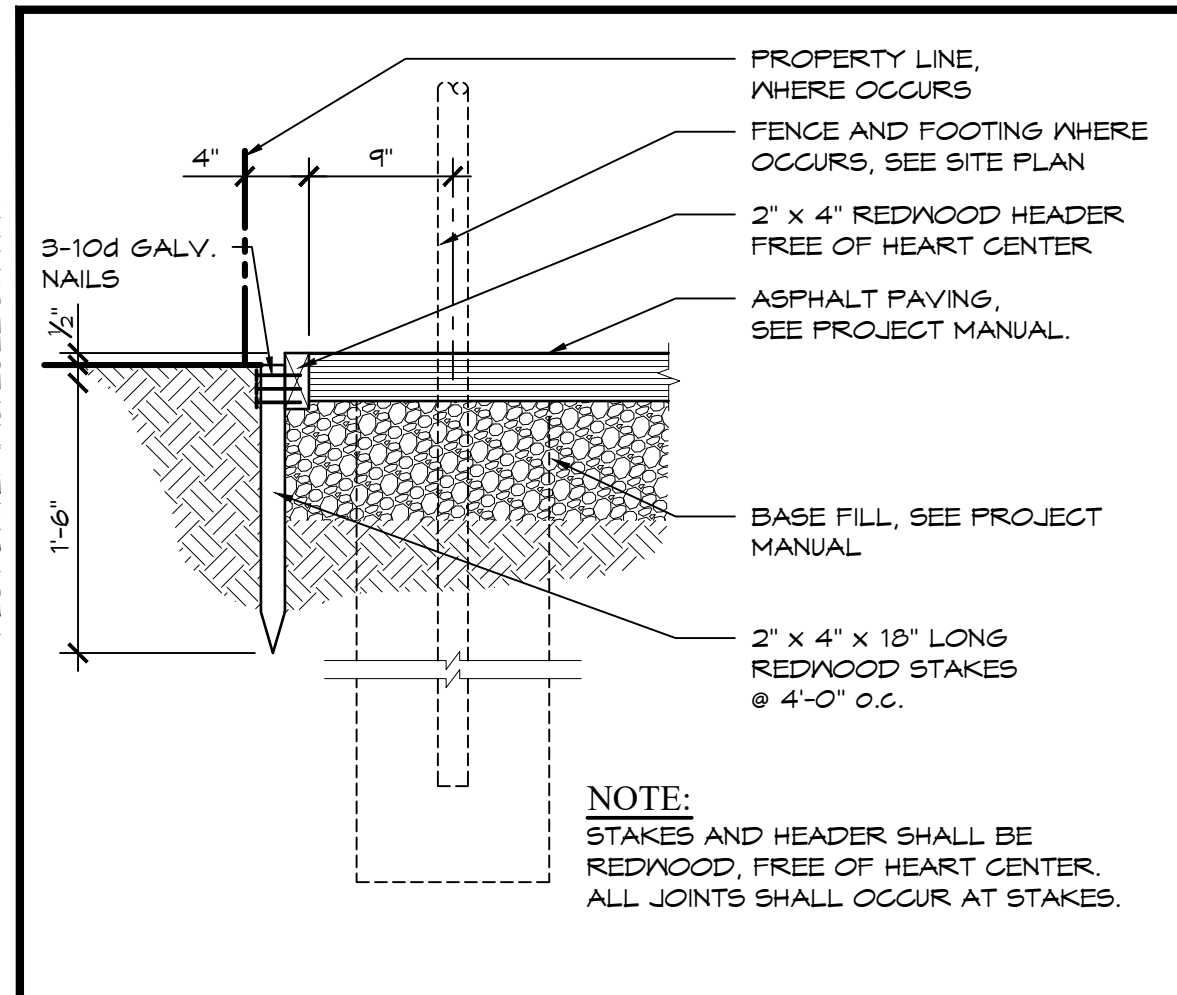
3-21 TRENCH DRAIN, SEE CIVIL DRAWINGS

SCALE: 1" = 20'

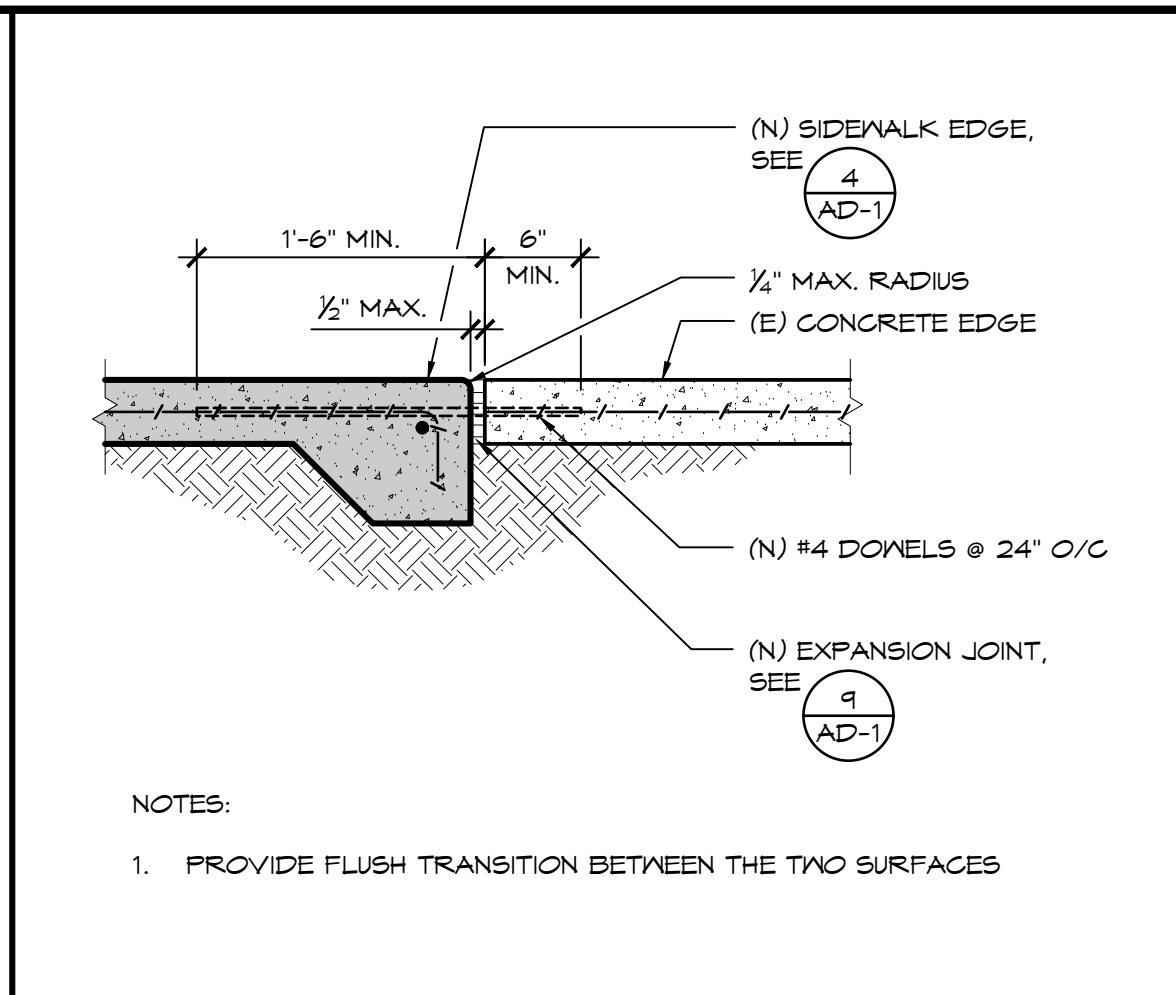
SITE PLAN KEYNOTES

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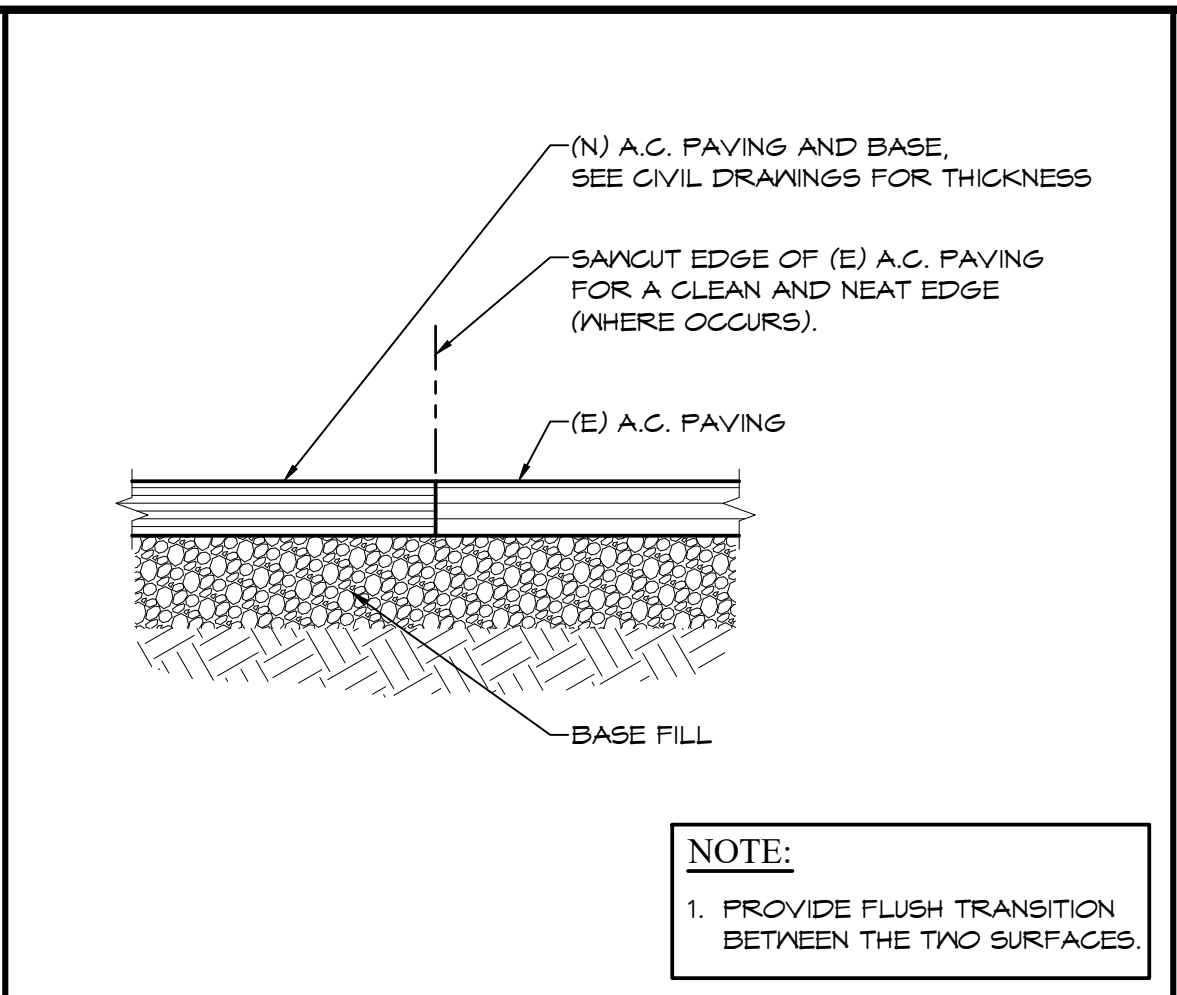
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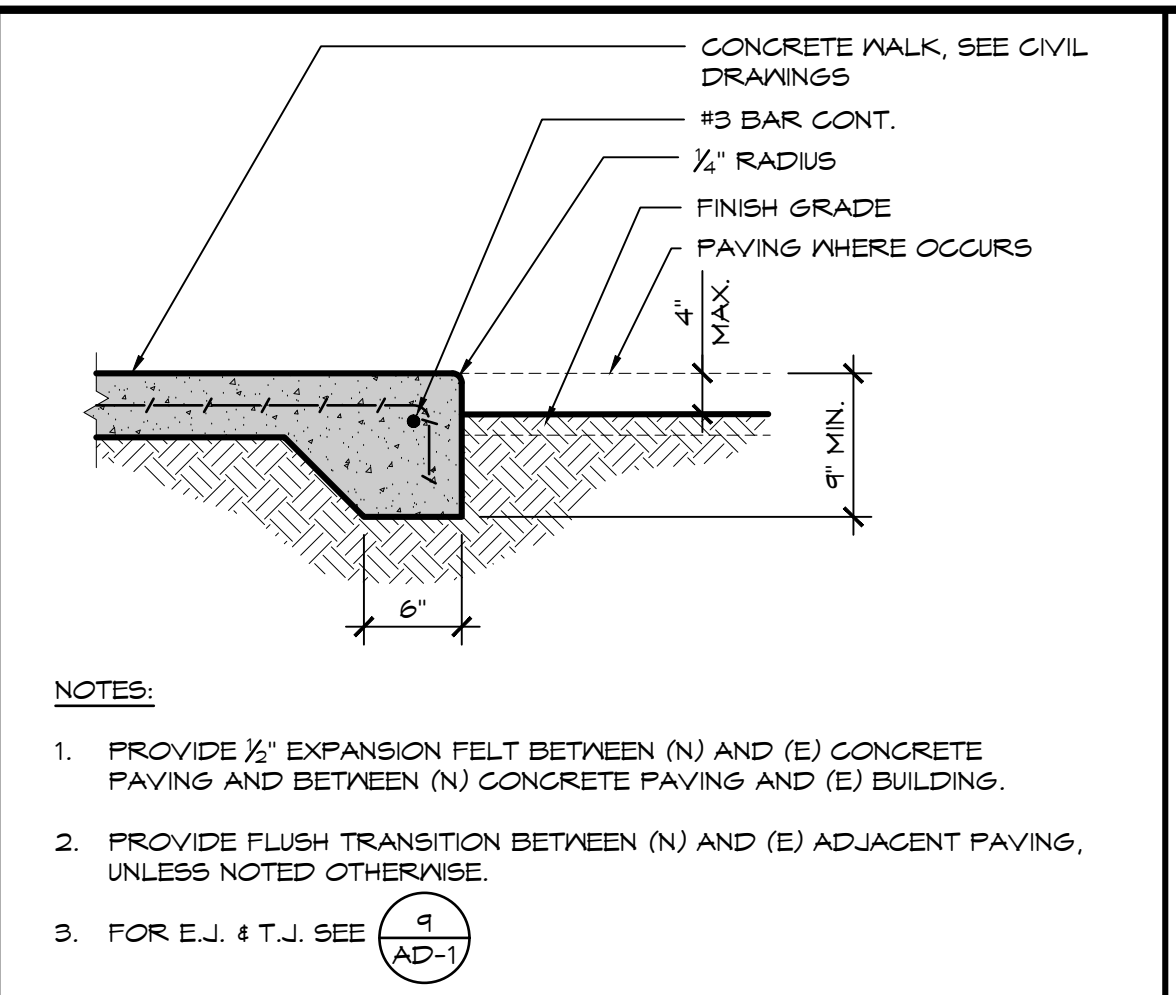
REDWOOD PAVING HEADER
SCALE: NONE
1



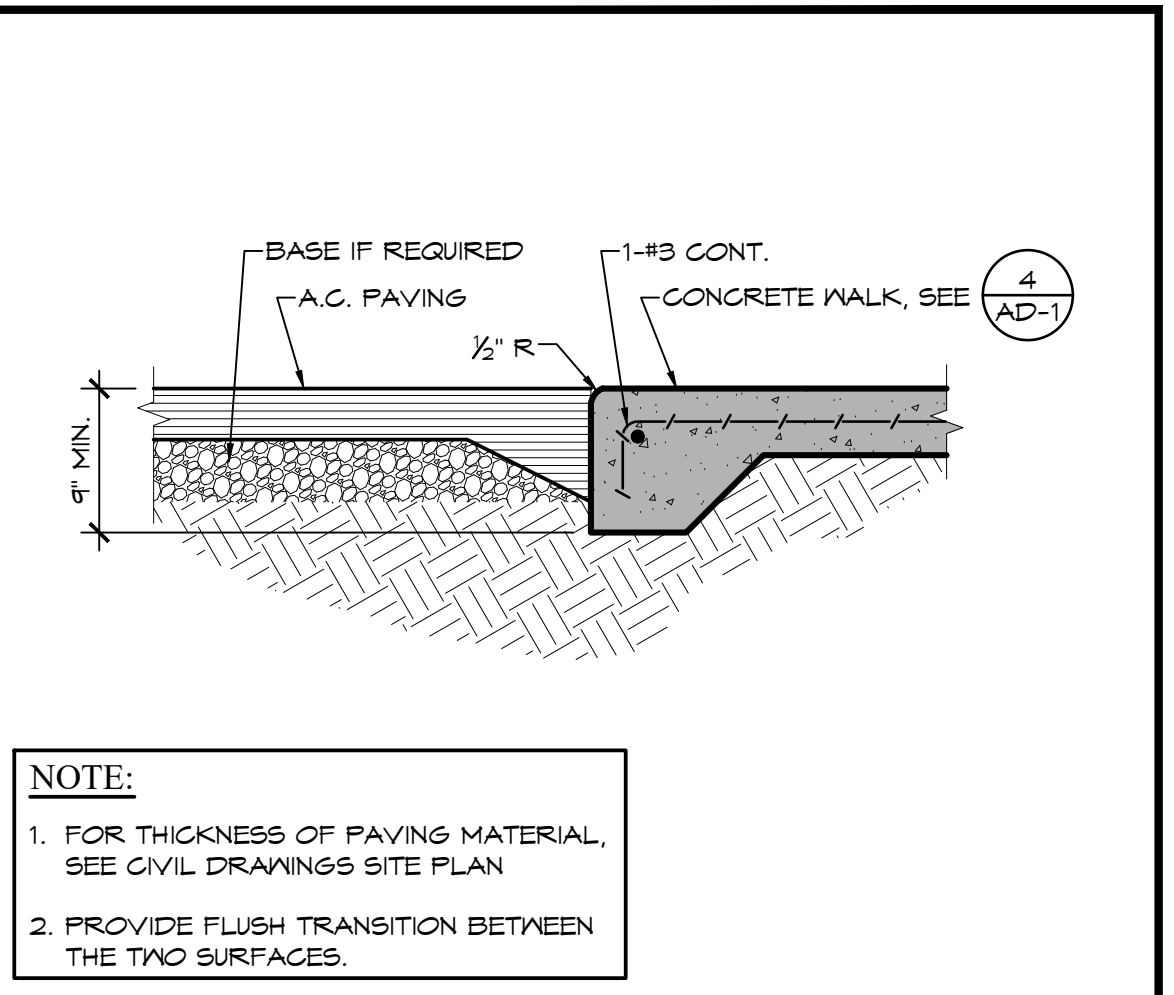
JOINT @ (N) & (E) CONC. PAVING
SCALE: 1" = 1'-0"
2



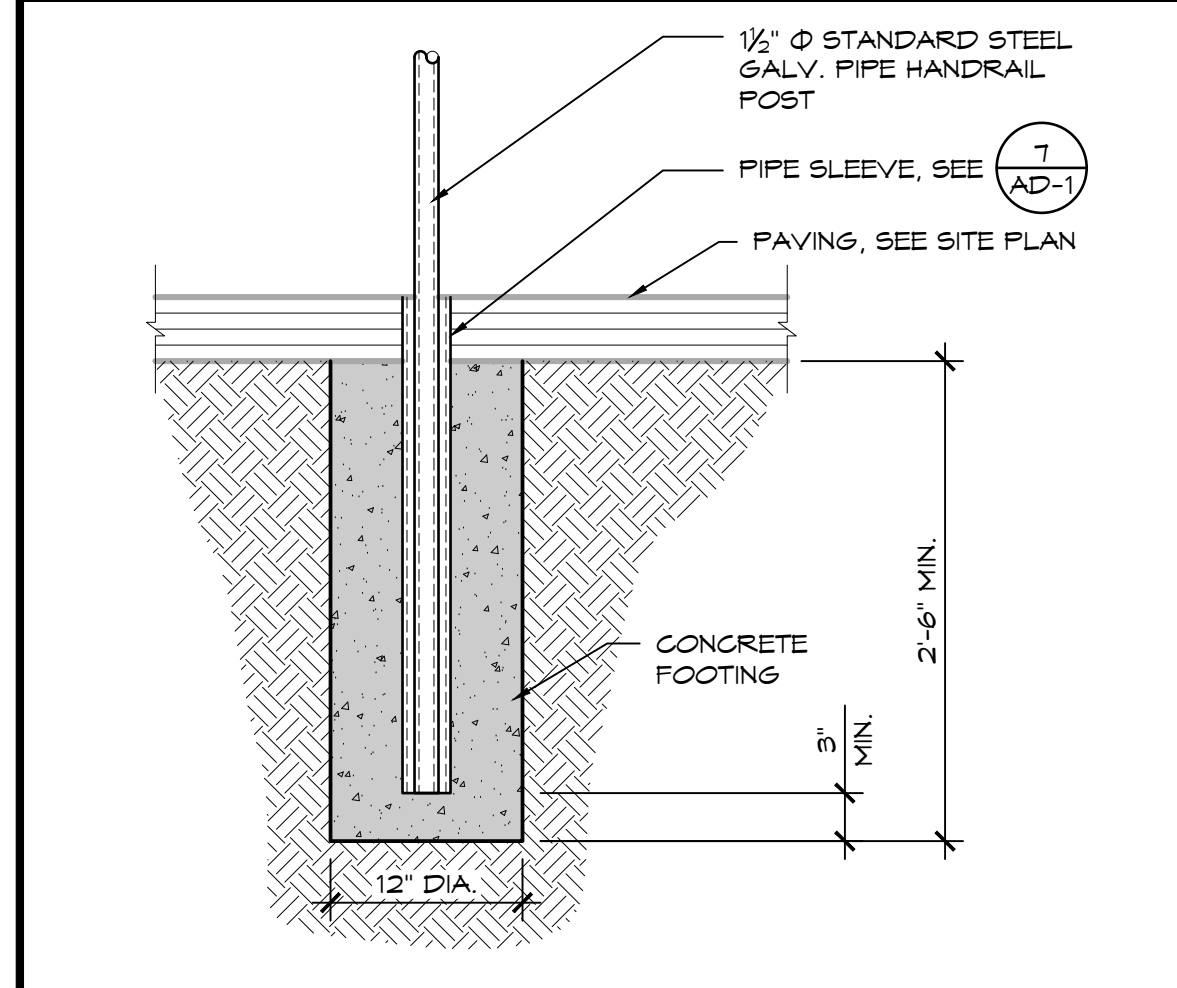
FLUSH TRANSITION @ (N) A.C. PAVING & (E) A.C. PAVING
SCALE: 1" = 1'-0"
3



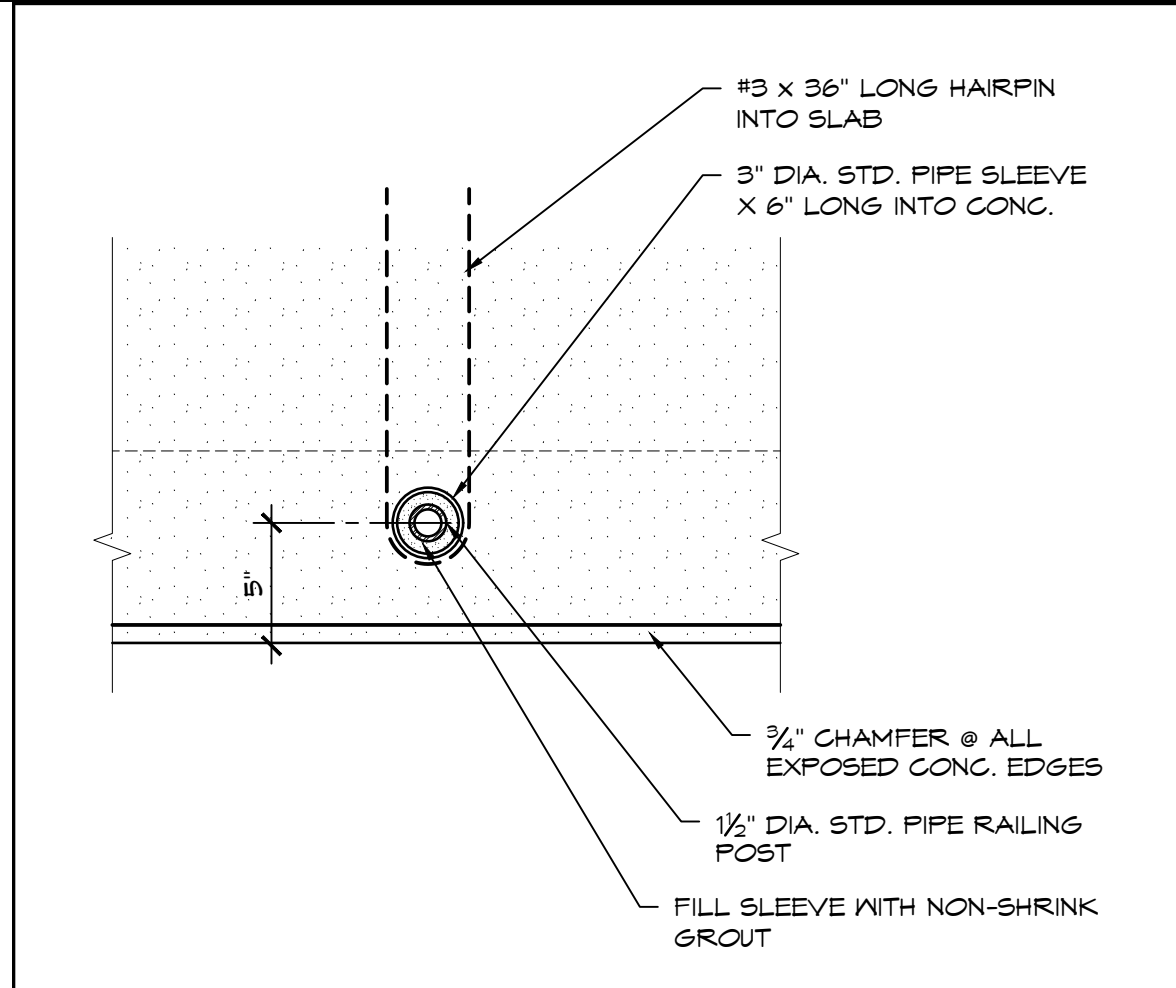
SIDEWALK EDGE
SCALE: 1" = 1'-0"
4



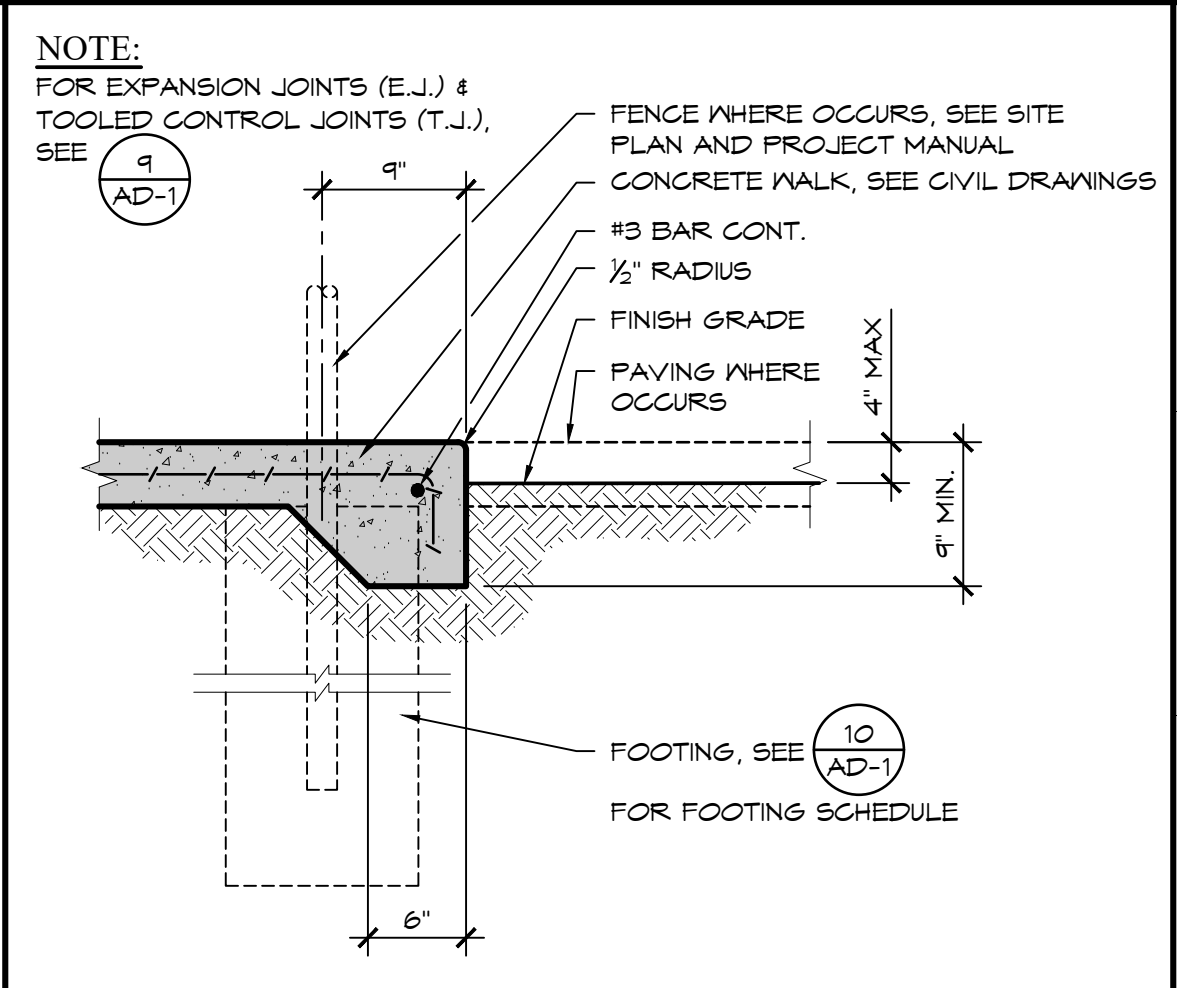
A.C. PAVING AT CONCRETE PAVING
SCALE: 1" = 1'-0"
5



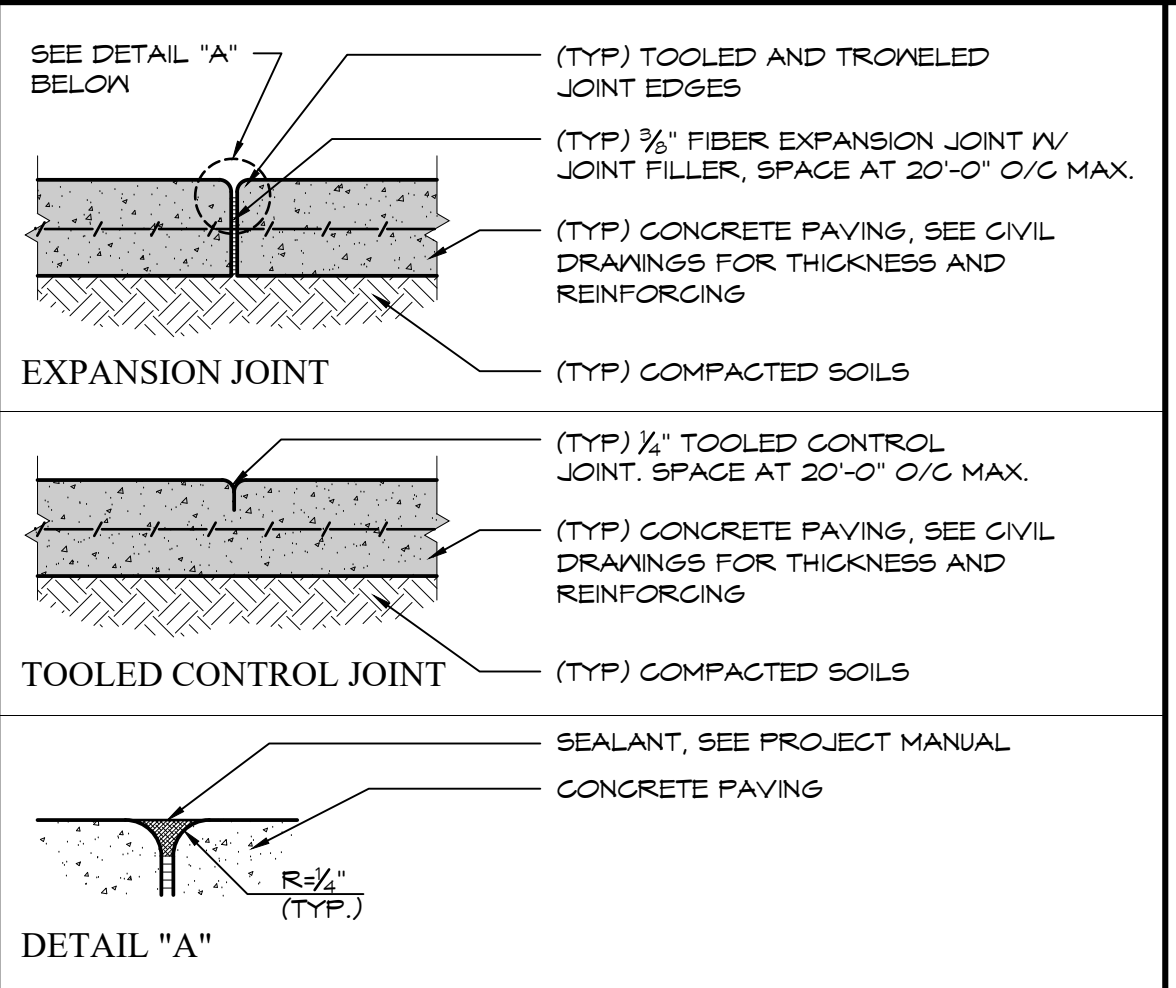
RAILING SLEEVE SECTION
SCALE: 1" = 1'-0"
6



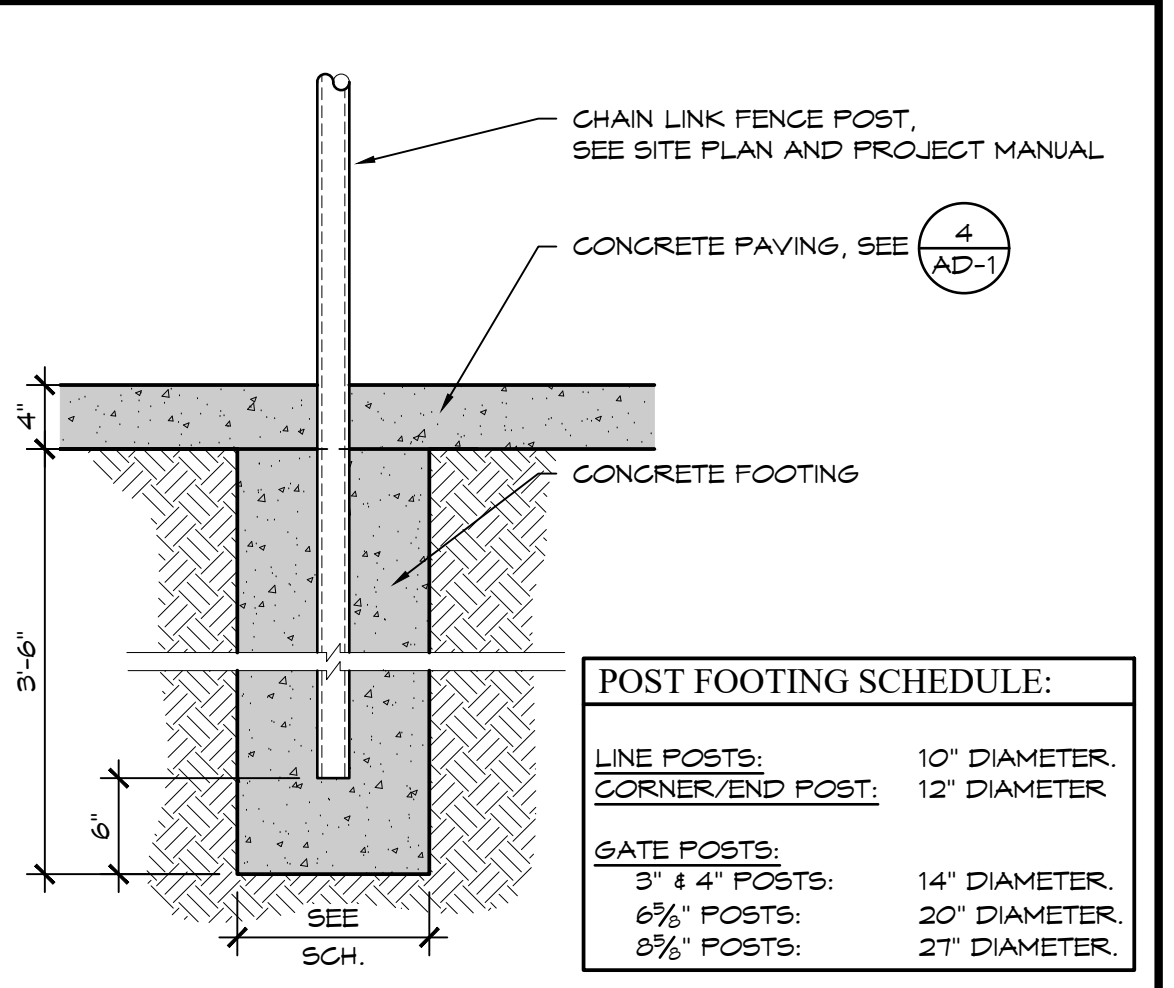
RAILING SLEEVE PLAN
SCALE: 1/2" = 1'-0"
7



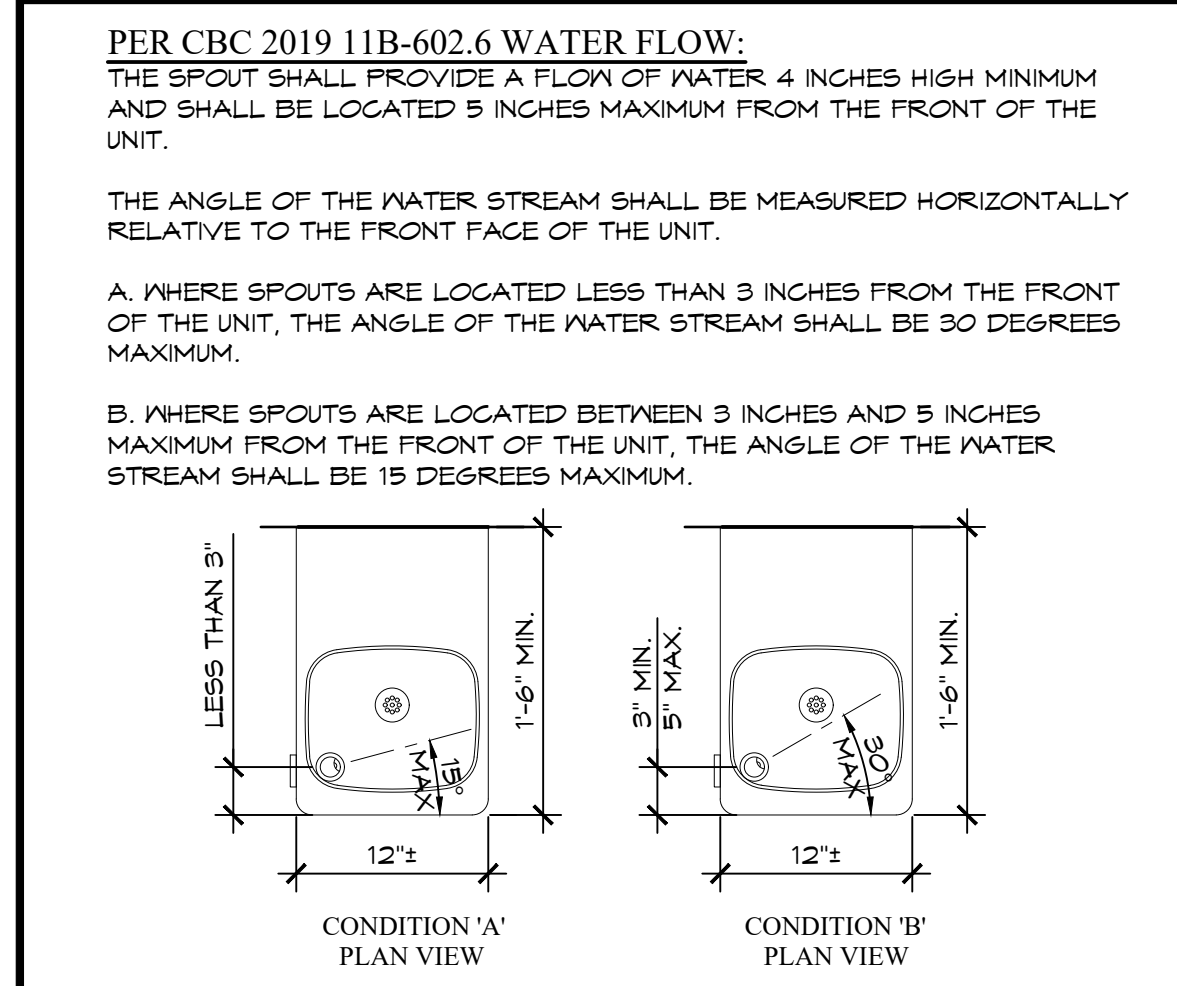
FENCE @ CONC. EDGE
SCALE: 1" = 1'-0"
8



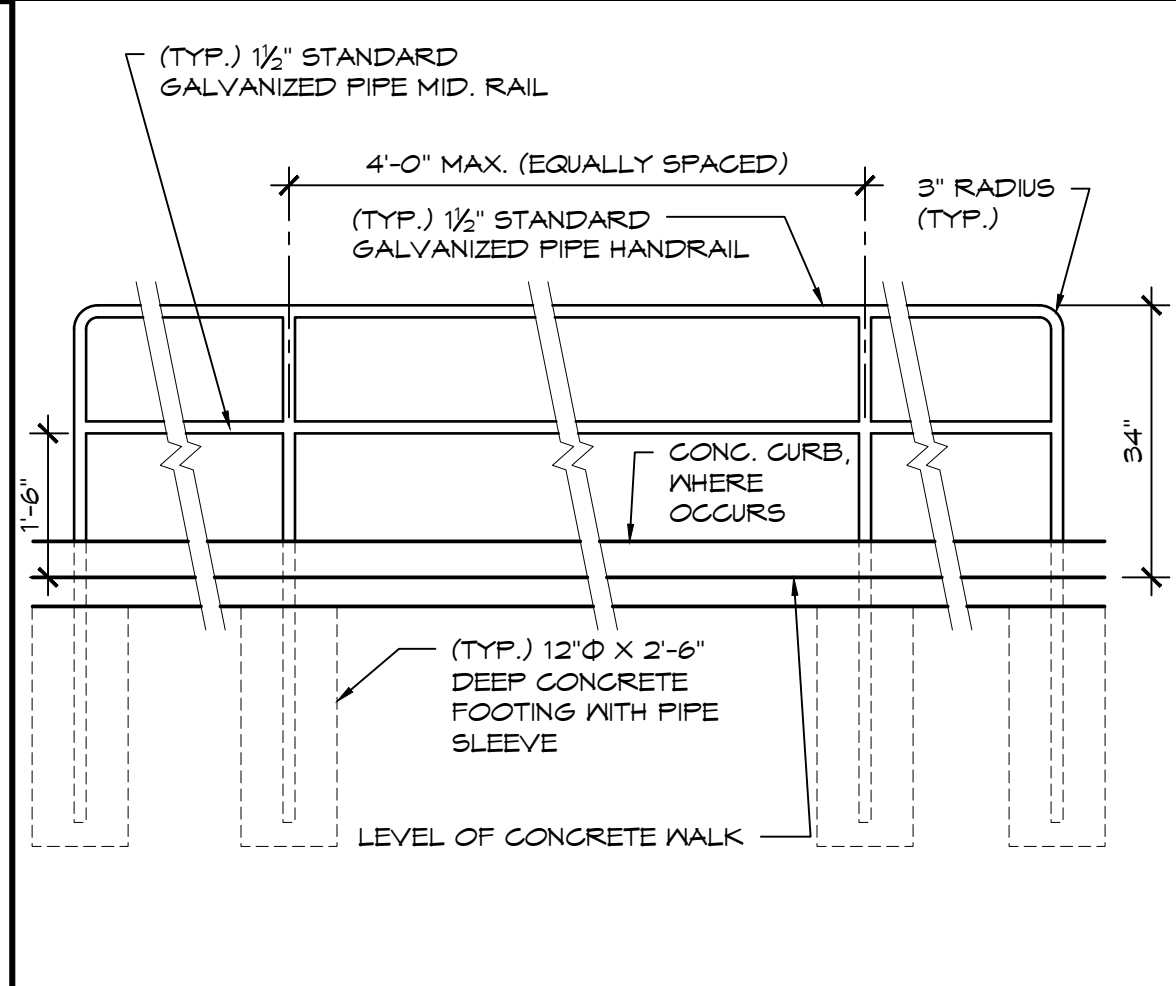
JOINTS IN CONCRETE PAVING
SCALE: 1/2" = 1'-0"
9



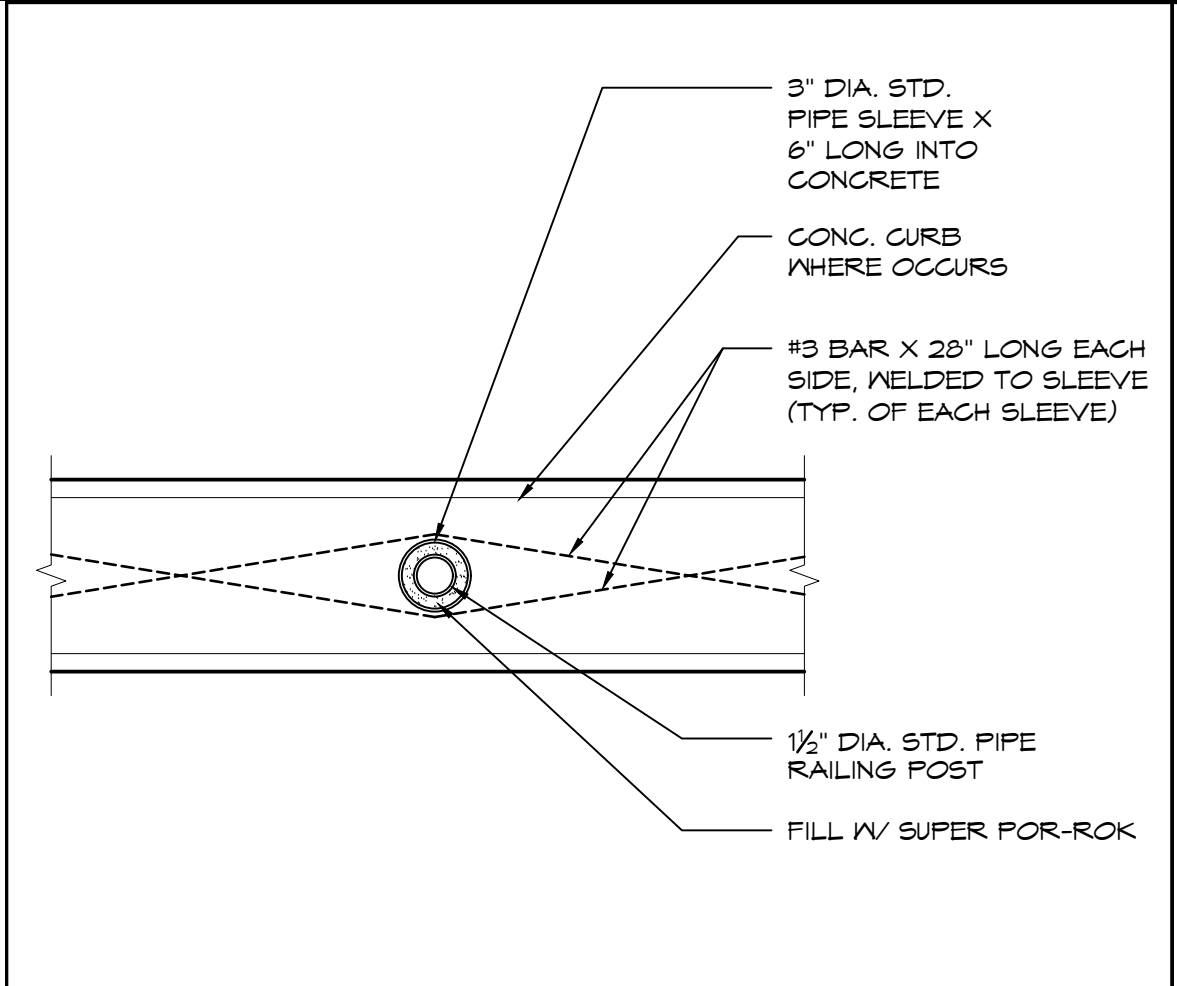
CHAIN LINK POST FOOTING (NOT PART OF DSA APPROVAL)
SCALE: 1" = 1'-0"
10



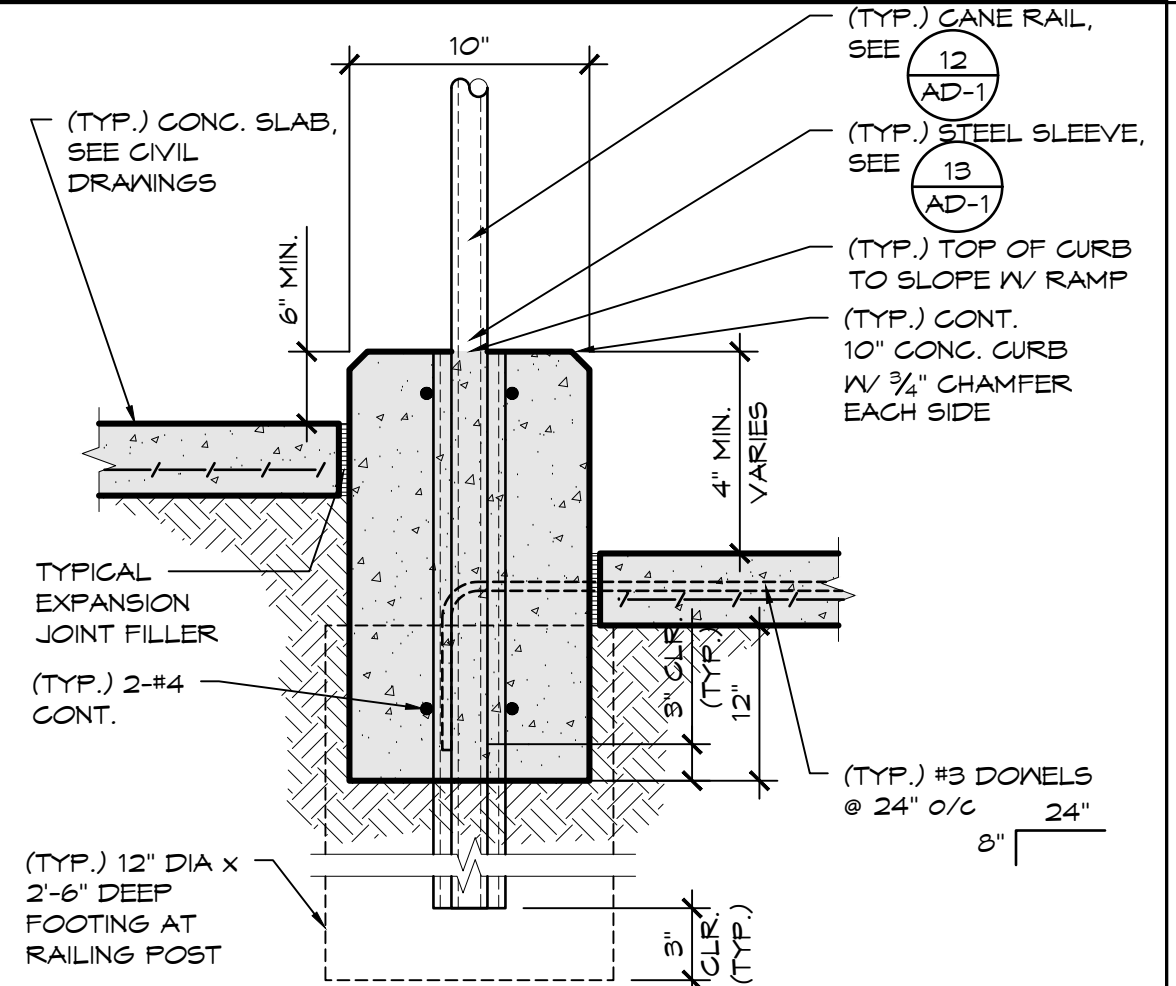
DRINKING FOUNTAIN SPOUT ANGLE
SCALE: 1" = 1'-0"
11



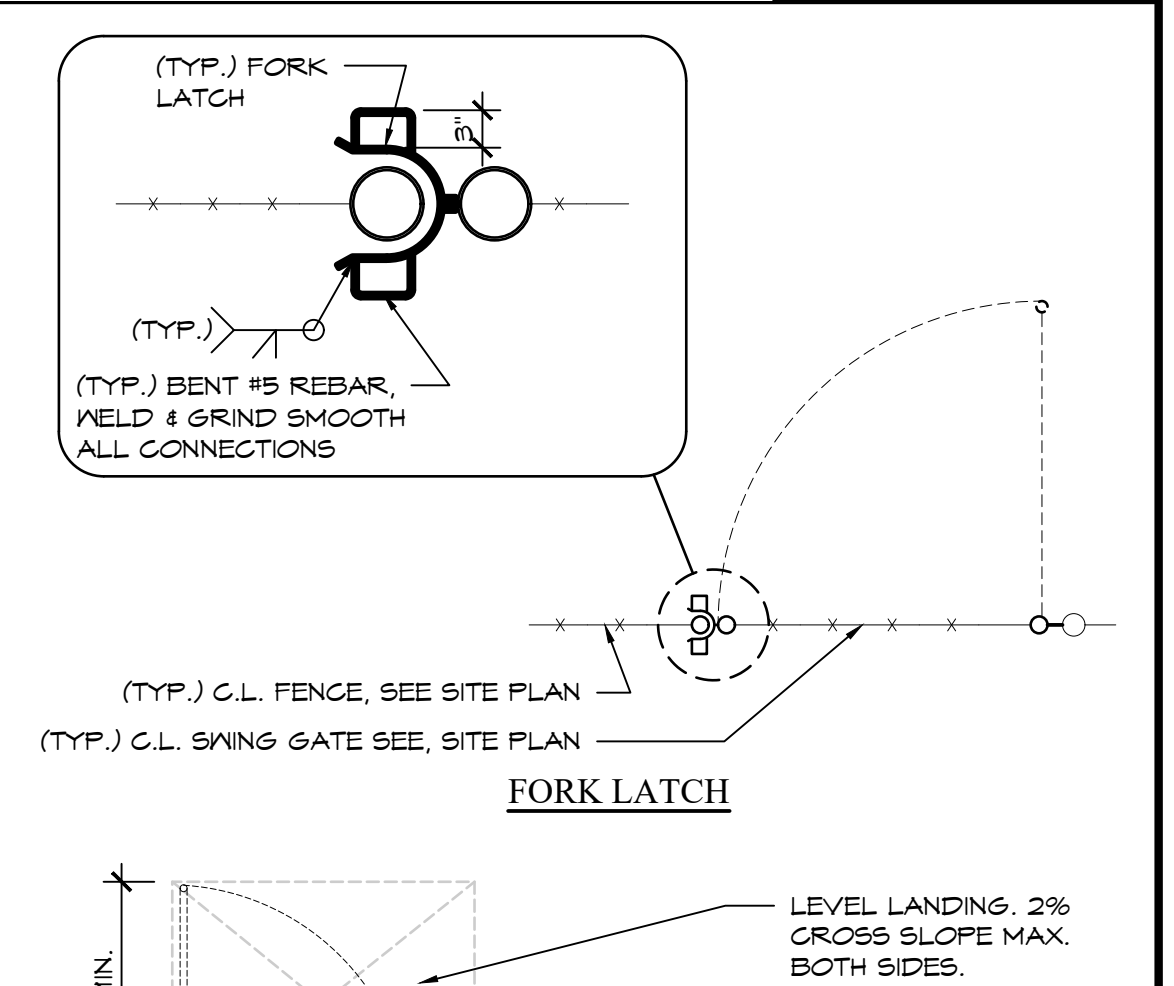
(TYP.) CANE RAIL DETAIL
SCALE: 1/2" = 1'-0"
12



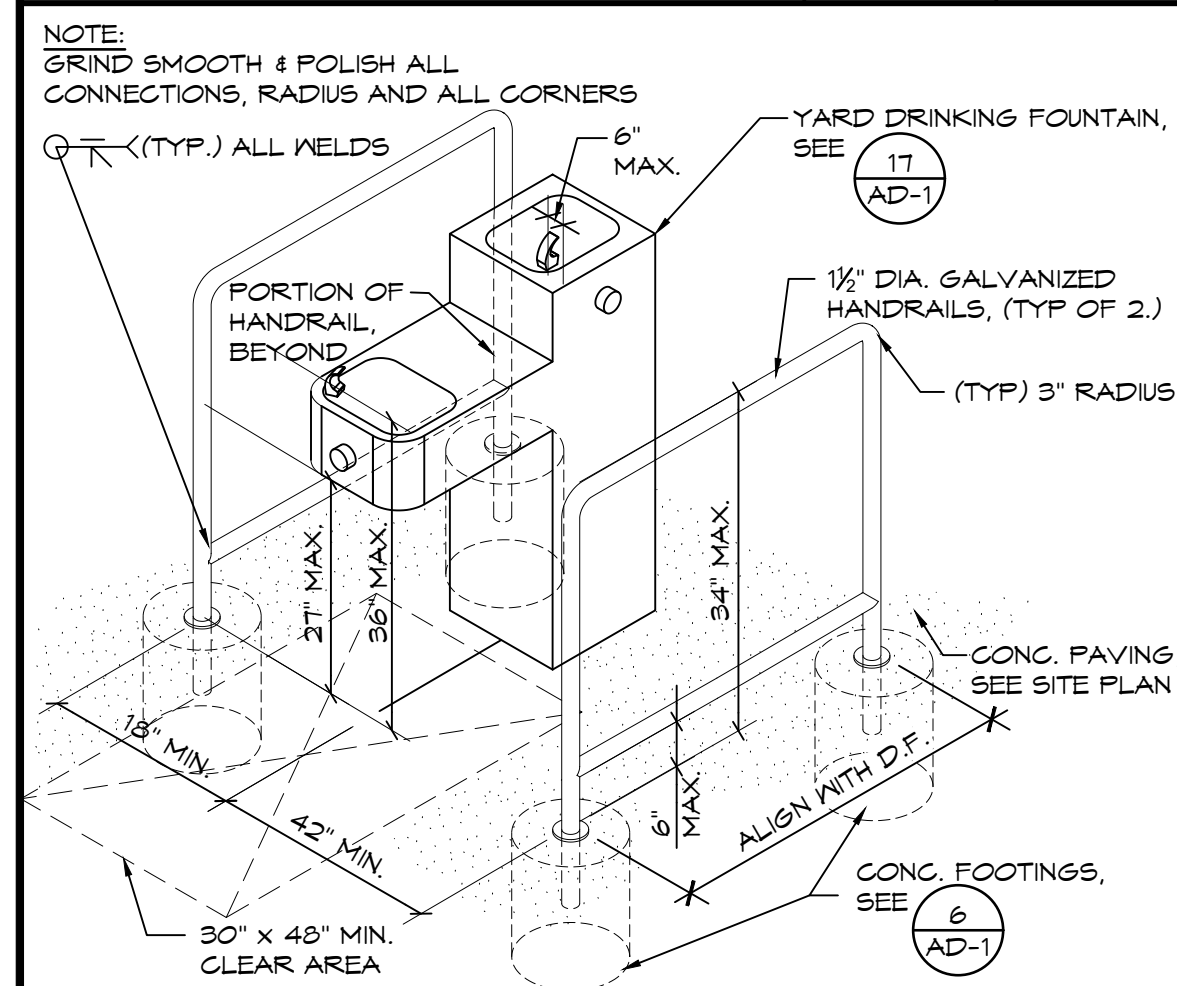
GUARDRAIL SLEEVE PLAN
SCALE: 1/2" = 1'-0"
13



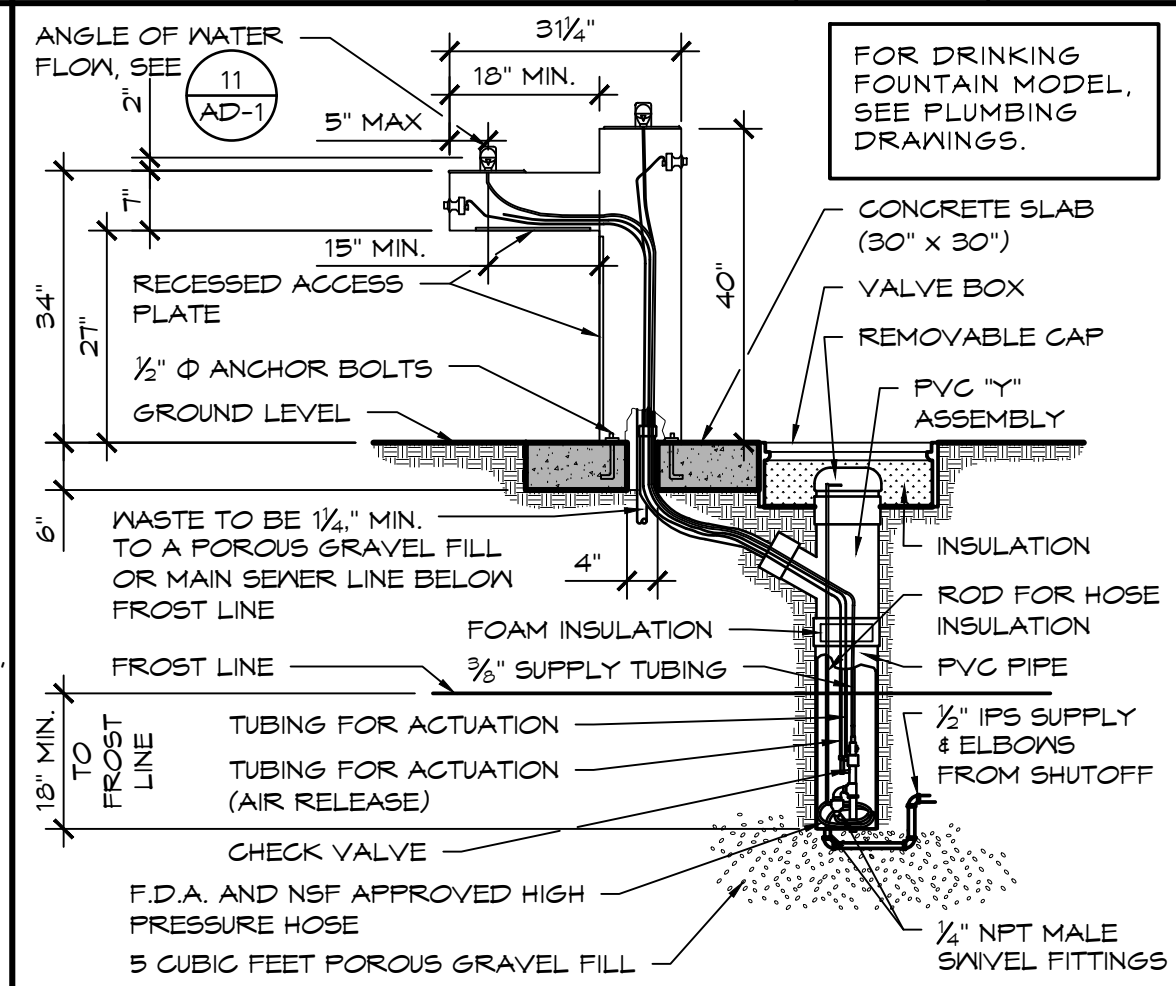
CONCRETE CURB @ GUARDRAIL
SCALE: 1/2" = 1'-0"
14



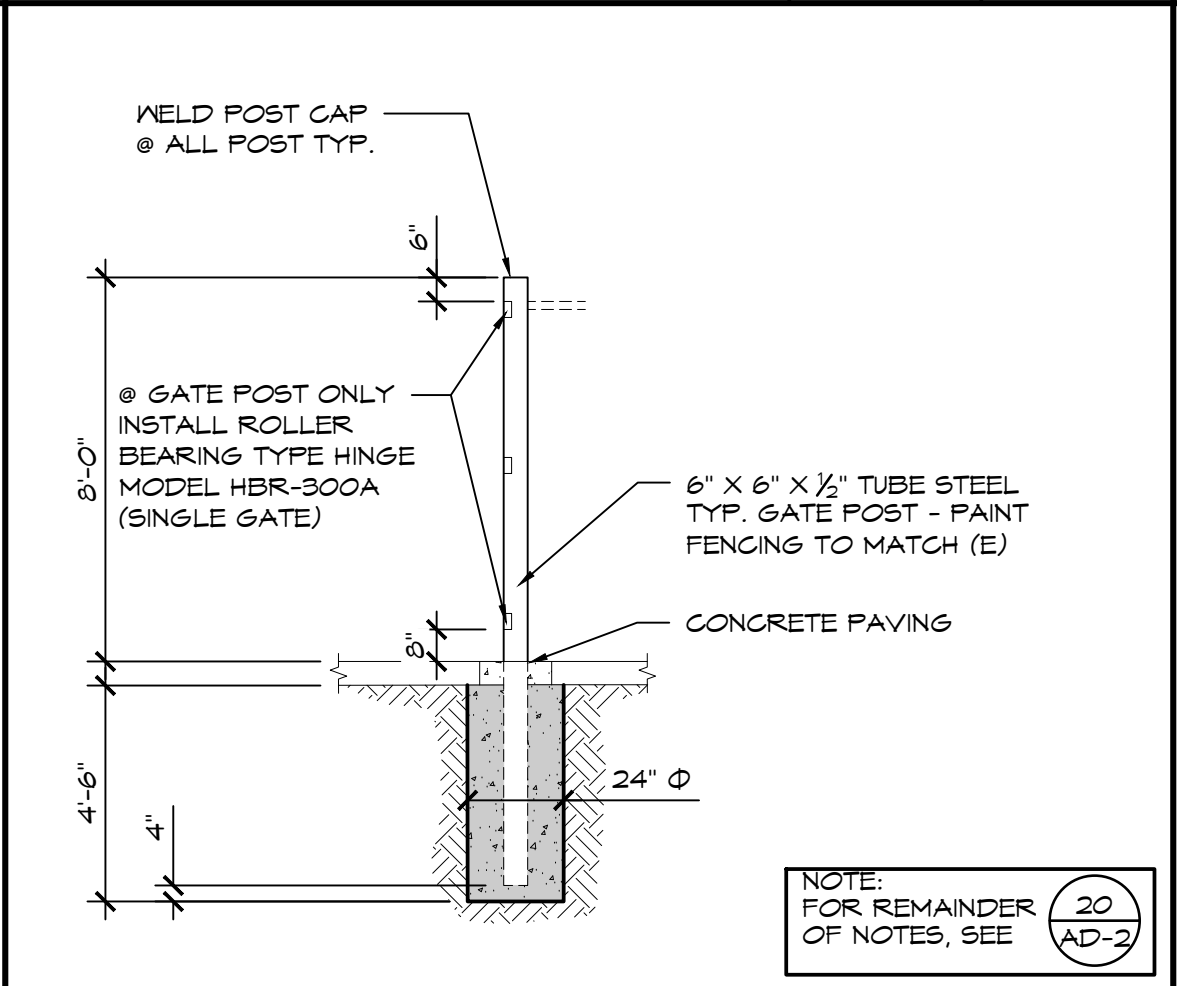
CHAIN LINK FENCE ELEVATION
SCALE: 1/2" = 1'-0"
15



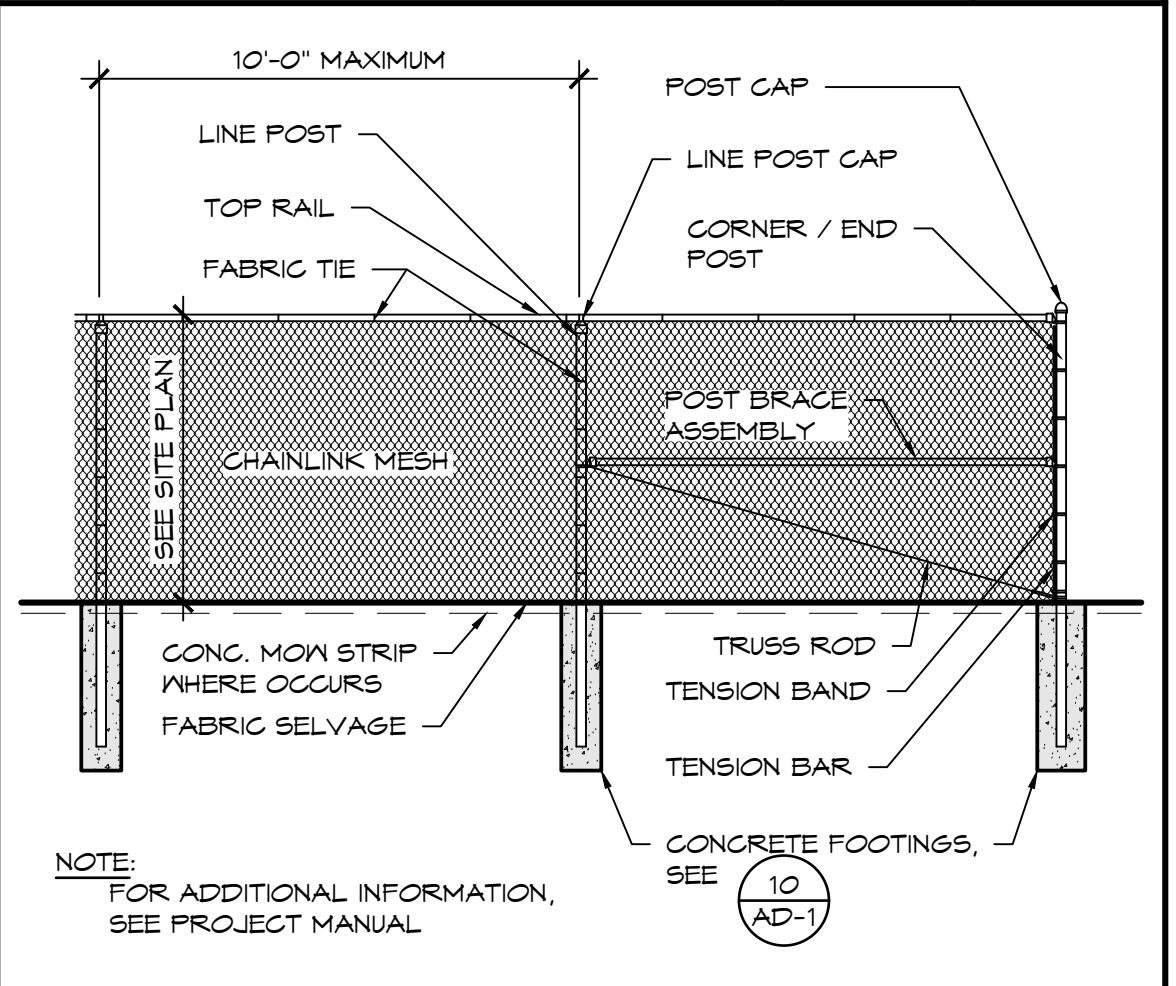
DUAL HEIGHT DRINKING FOUNTAIN
SCALE: 1/2" = 1'-0"
16



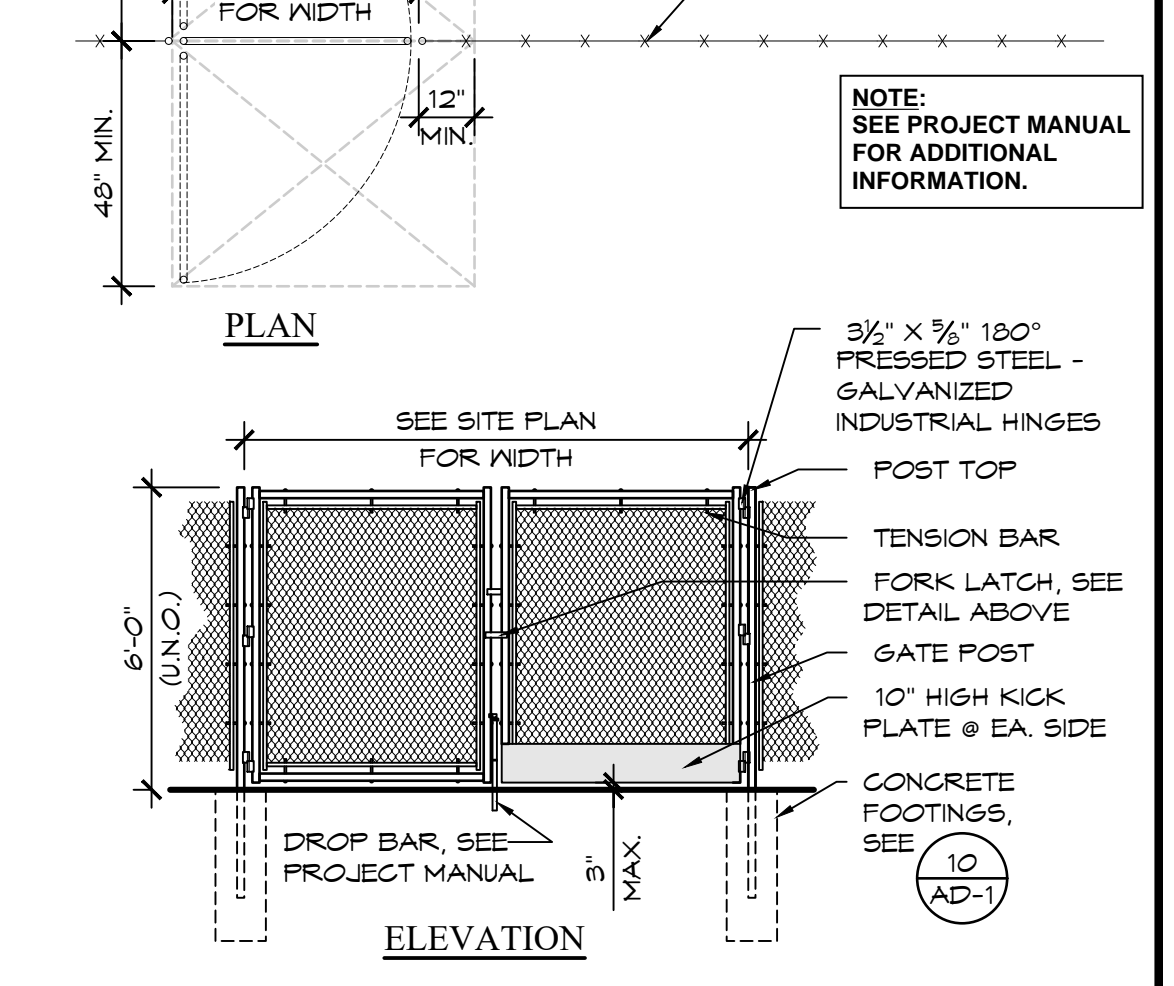
FREEZE-RESISTANT BARRIER FREE DRINKING FOUNTAIN
SCALE: 1/2" = 1'-0"
17



TUBE STEEL GATE POST (NOT PART OF DSA APPROVAL)
SCALE: 1/2" = 1'-0"
18



CHAIN LINK DOUBLE SWING GATE WITH ACCESSIBLE FORK LATCH
SCALE: 1/2" = 1'-0"
19



CHAIN LINK DOUBLE SWING GATE WITH ACCESSIBLE FORK LATCH
SCALE: 1/2" = 1'-0"
20

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APP: 03-122129 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 02/21/2023

REVISIONS
BY

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ENGINEER

ARCHITECT
LICENSED ARCHITECT
R. C. BASTARDE
(001) 527-546
REN. 6-2023
STATE OF CALIFORNIA

PROJECT:
NEW SHADE STRUCTURE AND RELATED SITE WORK
AT ANTELOPE VALLEY HIGH SCHOOL
44900 DIVISION ST., LANCASTER, CA 93535
SHEET NAME:
DETAILS

DATE: September, 2022
DRAWN:
JOB: ANT21-01a
SHEET:

AD-1
BID SET

GENERAL NOTES

1. THE CONTRACTOR SHALL SECURE AND PAY FOR PERMITS AND FEES NECESSARY FOR EXECUTION AND COMPLETION OF ELECTRICAL WORK, INCLUDING ALL CHARGES BY THE LOCAL GOVERNMENT AGENCIES AND THE UTILITY COMPANIES.
2. NO CONDUIT SHALL BE RUN HORIZONTALLY IN CONCRETE FLOOR SLABS.
3. **MEP COMPONENT ANCHORAGE NOTE**
- ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2019 CBC, SECTIONS 1611A.118 THROUGH 1611A.126 AND ASCE 1-16 CHAPTER 19, 26 AND 30.
1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
2. TEMPORARY, OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLT RECEPTACLES HAVING FLEXIBLE CABLE.
3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENTS IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.
- THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT THE ATTACHMENT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS:
- A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVING CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
- B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.
- THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.
- PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE**
- PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 1-16 SECTION 13.3 AS DEFINED IN ASCE 1-16 SECTIONS 13.6.3, 13.6.6, 13.6.7, 13.6.8, AND 2019 CBC, SECTIONS 1611A.124, 1611A.125, AND 1611A.126.
- THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW WHEN BRACING AND ATTACHMENTS ARE BASED ON A PREAPPROVED INSTALLATION GUIDE (E.G. OSHPD OPM FOR 2019 CBC OR LATER). COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.
- MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEM (E).
- MF MD PP E - OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECTS SPECIFIC NOTES AND DETAILS.
- MF MD PP E - OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVAL (OPM) # _____.
4. UNLESS SPECIFICALLY SHOWN ON THESE PLANS NO STRUCTURAL MEMBER SHALL BE CUT, DRILLED, NOR NOTCHED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE STRUCTURAL ENGINEER AND THE DISTRICT STRUCTURAL ENGINEER FROM THE DIVISION OF THE STATE ARCHITECT.
5. ALL EXPOSED CONDUIT SHALL BE PAINTED TO MATCH EXISTING FINISH.
6. IDENTIFICATION NAME PLATES FOR PANELS AND SWITCHBOARDS/DISTRIBUTION PANEL FEEDER CIRCUIT BREAKERS SHALL MATCH THE NOMENCLATURE PROVIDED BY THE OWNER AT THE END OF THE CONTRACT.
7. ALL EXTERIOR MOUNTED EQUIPMENT SHALL BE WEATHERPROOF AND PROVIDED IN A WEATHERPROOF ENCLOSURE.
8. INSTALL RACEWAY SYSTEMS AS FOLLOWS:
- A. RIGID GALVANIZED STEEL IN ALL OUTDOOR LOCATIONS AND IN INDOOR LOCATIONS WHERE SUBJECT TO PHYSICAL DAMAGE.
- B. IMC OR EMT IN ALL INDOOR AREAS.
- C. FLEXIBLE METAL CONDUIT FOR FINAL CONNECTIONS TO LIGHT FIXTURES, MOTORS, VIBRATING ELECTRICAL EQUIPMENT AND HORIZONTAL RUNS IN WOOD STUD WALLS.
- D. PVC CONDUIT FOR UNDERGROUND RUNS. USE 20 MIL PVC TAPED RIGID STEEL RISER ELBOWS AND RISERS FOR CONDUIT STUB-UPS.
- E. USE COMPRESSION TYPE FITTINGS FOR ALL METALLIC CONDUIT.
- F. 3/4" CONDUIT MINIMUM FOR UNDERGROUND INSTALLATIONS. 3/4" CONDUIT MINIMUM INDOORS.
9. ALL WIRING SHALL BE COPPER.
10. PROVIDE THE OWNER AND THIS ENGINEER WITH ONE SET OF ELECTRICAL "AS-BUILTS" AT THE COMPLETION OF JOB.
11. CONDUIT ROUTING INDICATED ON THESE PLANS IS DIAGRAMMATIC. ACTUAL ROUTING OF CONDUITS SHALL BE COORDINATED IN THE FIELD TO AVOID INTERFERENCE WITH OTHER UTILITIES AND TRADES. THE CONTRACTOR SHALL INSTALL ALL CONDUIT JUNCTION/FULL BOXES, ETC., AS REQUIRED FOR A COMPLETE SYSTEM IN FULL COMPLIANCE WITH ALL APPLICABLE CODES.
12. ELECTRICAL CONTRACTOR SHALL PERFORM ALL WORK IN STRICT ACCORDANCE WITH GOVERNING CODES.
13. ALL EQUIPMENT SHALL BE NEW AND BEAR A "UL" LABEL - U.O.N.
14. COMPLETE ELECTRICAL INSTALLATION SHALL BE GUARANTEED IN WRITING FOR A PERIOD OF TWO (2) YEARS - U.O.N.
15. ELECTRICAL CONTRACTOR SHALL VISIT SITE PRIOR TO BID DATE, TO VERIFY ALL EXISTING CONDITIONS TO BE ENCOUNTERED IN THE INSTALLATION OF ALL NEW EQUIPMENT, FIXTURES, DEVICES, FEEDERS, ETC. EXACT INSTALLATION METHOD AND REQUIREMENTS SHALL BE VERIFIED AND DETERMINED PRIOR TO BID DATE. CONTRACTORS SHALL IMMEDIATELY NOTIFY THIS ENGINEER OF ANY REQUIRED MODIFICATIONS WHICH ARE NOT SHOWN ON THESE DRAWINGS. SUBMITTAL OF BID INDICATES CONTRACTOR IS COGNIZANT OF ALL JOB SITE CONDITIONS AND WORK TO BE PERFORMED.
16. ALL EQUIPMENT ELECTRICAL CHARACTERISTICS, LOCATIONS, AND CONNECTION REQUIREMENTS SHALL BE VERIFIED PRIOR TO ANY ROUGH-IN WORK.
17. IT SHALL BE THIS CONTRACTOR'S RESPONSIBILITY TO DO ALL CORING, CUTTING, PATCHING AND REFINISHING OF WALLS AND SURFACES WHEREVER IT IS NECESSARY FOR HIM TO PENETRATE FOR HIS WORK. ALL OPENINGS MADE SHALL BE SEALED TO MEET THE RATED INTEGRITY OF THE PARTICULAR WALL, FLOOR OR CEILING.

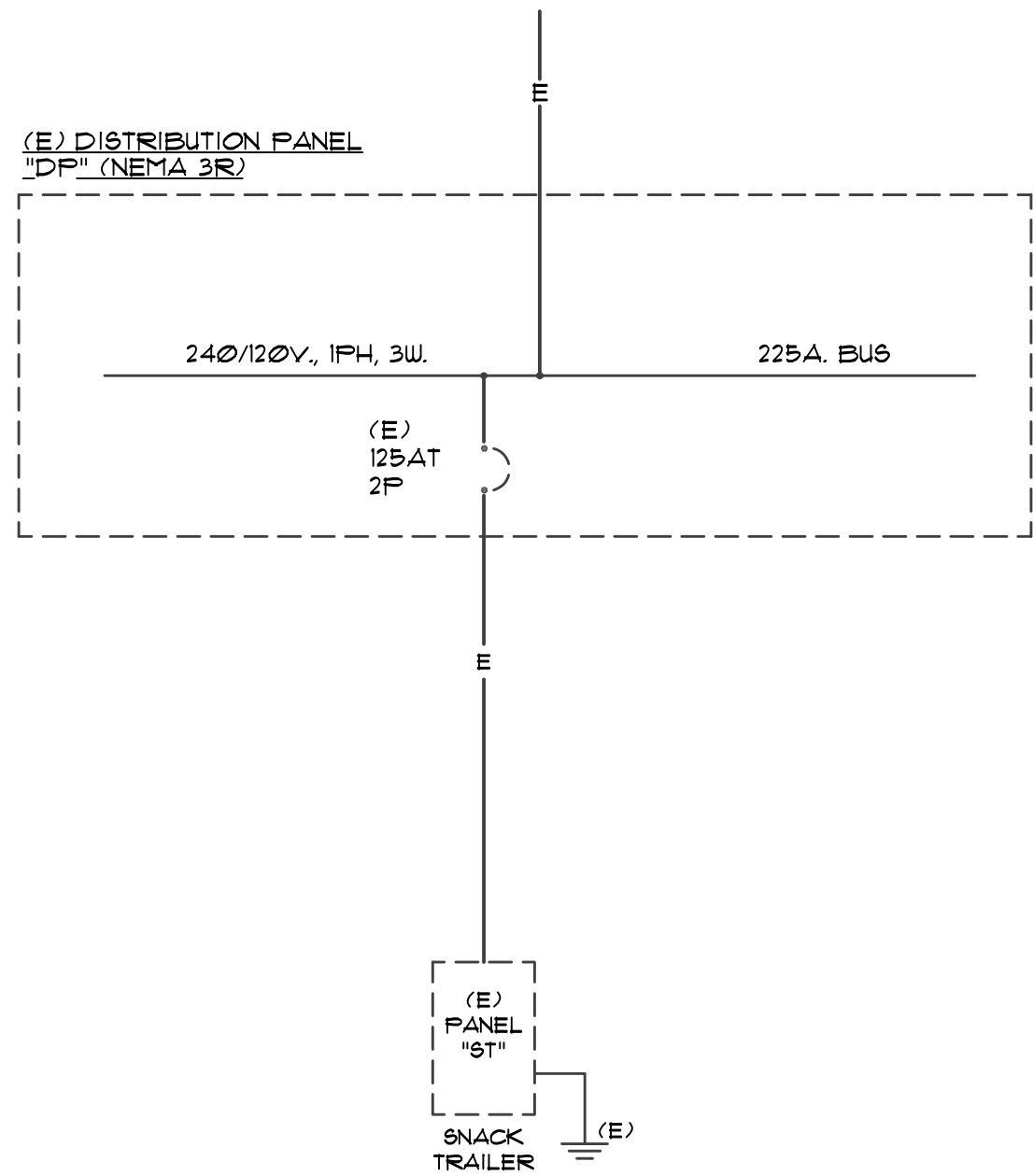
REFERENCES & ABBREVIATIONS

	DETAIL REFERENCE	MCB	MAIN CIRCUIT BREAKER
	KEYNOTE REFERENCE	FLA	FULL LOAD AMPS
A.F.F.	ABOVE FINISH FLOOR	C.	CONDUIT
U.O.N.	UNLESS OTHERWISE NOTED	V.	VOLTS
C.O.	CONDUIT ONLY W/FULL ROPE	A	AMPS
WP	WEATHER PROOF	GFI	GROUND FAULT INTERRUPTER
CU.	COPPER	GND	GROUND
M.L.O.	MAIN LUGS ONLY	V.L.	VERIFY LOCATION
E or (E)	EXISTING TO REMAIN	A.C.	ABOVE COUNTER
EM.	EMERGENCY	N.L.	NIGHT LIGHT

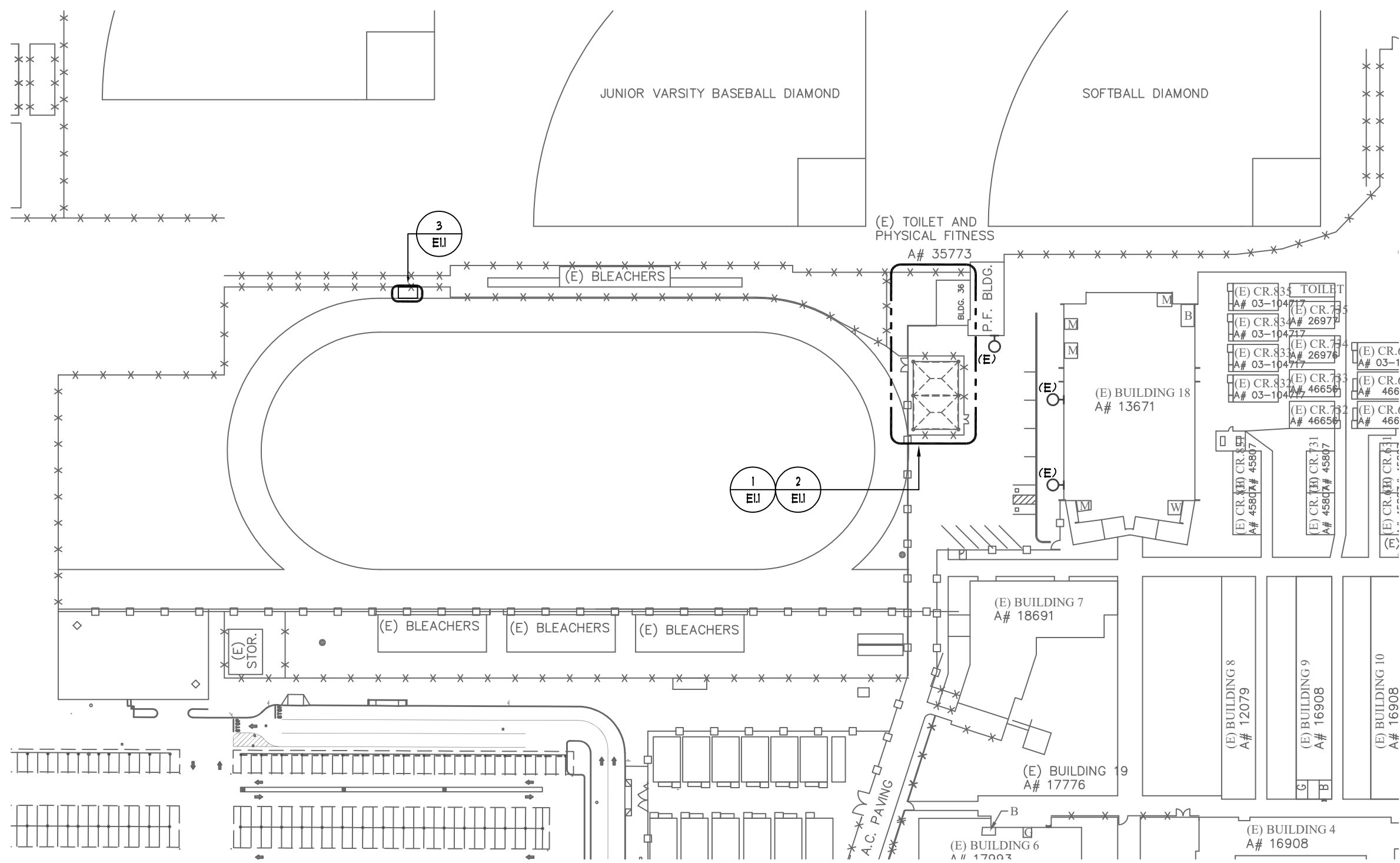
APPLICABLE CODES
ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE LAWS AND REGULATIONS, AND THE REQUIREMENTS OF THE CALIFORNIA CODE OF REGULATIONS (C.C.R.), TITLE 24, INCLUSIVE OF: 2019 CALIFORNIA ADMINISTRATIVE CODE (CAC), C.C.R. TITLE 24, PART 1 2019 CALIFORNIA BUILDING CODE (CBC), C.C.R. TITLE 24, PART 2, BASED ON 2018 INTERNATIONAL BUILDING CODE. 2019 CALIFORNIA ELECTRICAL CODE (CEC), C.C.R. TITLE 24, PART 3, BASED ON 2017 NATIONAL ELECTRICAL CODE (NEC). 2019 CALIFORNIA MECHANICAL CODE (CMC), C.C.R. TITLE 24, PART 4, BASED ON 2018 UNIFORM MECHANICAL CODE (UMC). 2019 CALIFORNIA PLUMBING CODE (CPC), C.C.R. TITLE 24, PART 5, BASED ON 2018 UNIFORM PLUMBING CODE (UPC). 2019 CALIFORNIA ENERGY CODE, C.C.R. TITLE 24, PART 6. 2019 CALIFORNIA FIRE CODE (CFC), C.C.R. TITLE 24, PART 9, BASED ON 2018 INTERNATIONAL FIRE CODE. 2019 CALIFORNIA EXISTING BUILDING CODE, C.C.R. TITLE 24, PART 10, BASED ON 2018 INTERNATIONAL EXISTING BUILDING CODE. 2019 CALIFORNIA REFERENCED STANDARDS CODE, C.C.R. TITLE 24, PART 12.

SYMBOL LIST

	CONDUIT RUN ABOVEGROUND. 3/4" MINIMUM.
	UNDERGROUND CONDUIT. 1" PVC MINIMUM.
	BRANCH CIRCUIT PANELBOARD. FLUSH OR SURFACE MOUNTED AS INDICATED.
	CROSS LINES ON CONDUIT RUNS INDICATE NUMBER OF #2 WIRES CONTAINED THEREIN. TWO #2 ARE INDICATED WHEN CROSS LINES ARE NOT SHOWN. NUMERALS ADJACENT TO CROSS LINES ON CONDUIT RUNS INDICATE SIZE OF CONDUCTORS IN LIEU OF #2.
	CONDUIT HOME RUN TO PANELBOARD. LETTER AND NUMERALS INDICATES ELECTRICAL PANEL AND CIRCUIT NUMBER.
	MOLDED CASE CIRCUIT BREAKER (SINGLE LINE DIAGRAM).
	UTILITY METER AND SOCKET (SINGLE LINE DIAGRAM).
	EXISTING TO REMAIN.
	NEW EQUIPMENT.
	WEATHERPROOF.
	DETAIL CALLOUT.
	DUPLEX RECEPTACLE MOUNTED ON COLUMN, WITH GROUND FAULT INTERRUPTER (20 AMP, 120V, 3W) MTD. AT 48" PROVIDE WITHIN METALLIC NEMA 3R LOCKABLE IN-USE COVER.



SINGLE LINE DIAGRAM



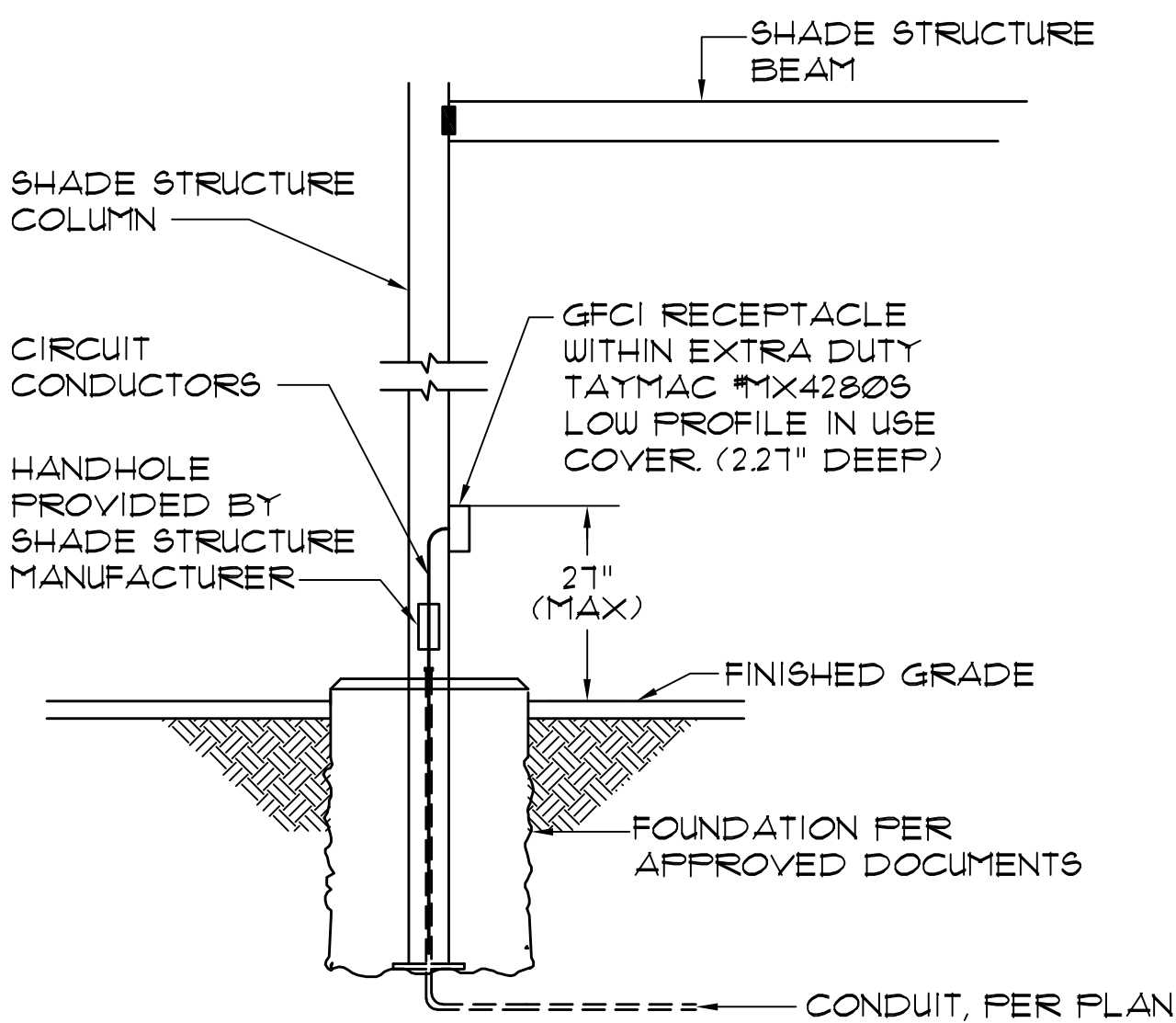
OVERALL SITE PLAN

1'=80"

1

UNDERGROUND DUCT BANK

SCALE: NONE 2



SHADE STRUCTURE

N.T.S.

3

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122129 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 02/21/2023

REVISIONS	BY

FF&J
Frick, Frick & Jetté Architects
19153 Town Center Dr., Suite 101
Apple Valley, CA 92308
(760) 240-0211 • www.fffj-arch.com
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A&F ENGINEERING GROUP, INC.
2005 BROADWAY, SUITE 200, OAKLAND, CA 94612
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ENGINEER
REGISTERED PROFESSIONAL ENGINEER
No. E17229
8/30/24
STATE OF CALIFORNIA

ARCHITECT
LICENSED ARCHITECT
No. 27546
REN. 6-2023
STATE OF CALIFORNIA

PROJECT:
NEW SHADE STRUCTURE AND RELATED SITE WORK
AT ANTELOPE VALLEY HIGH SCHOOL
44900 Division St, Lancaster, Ca 93535

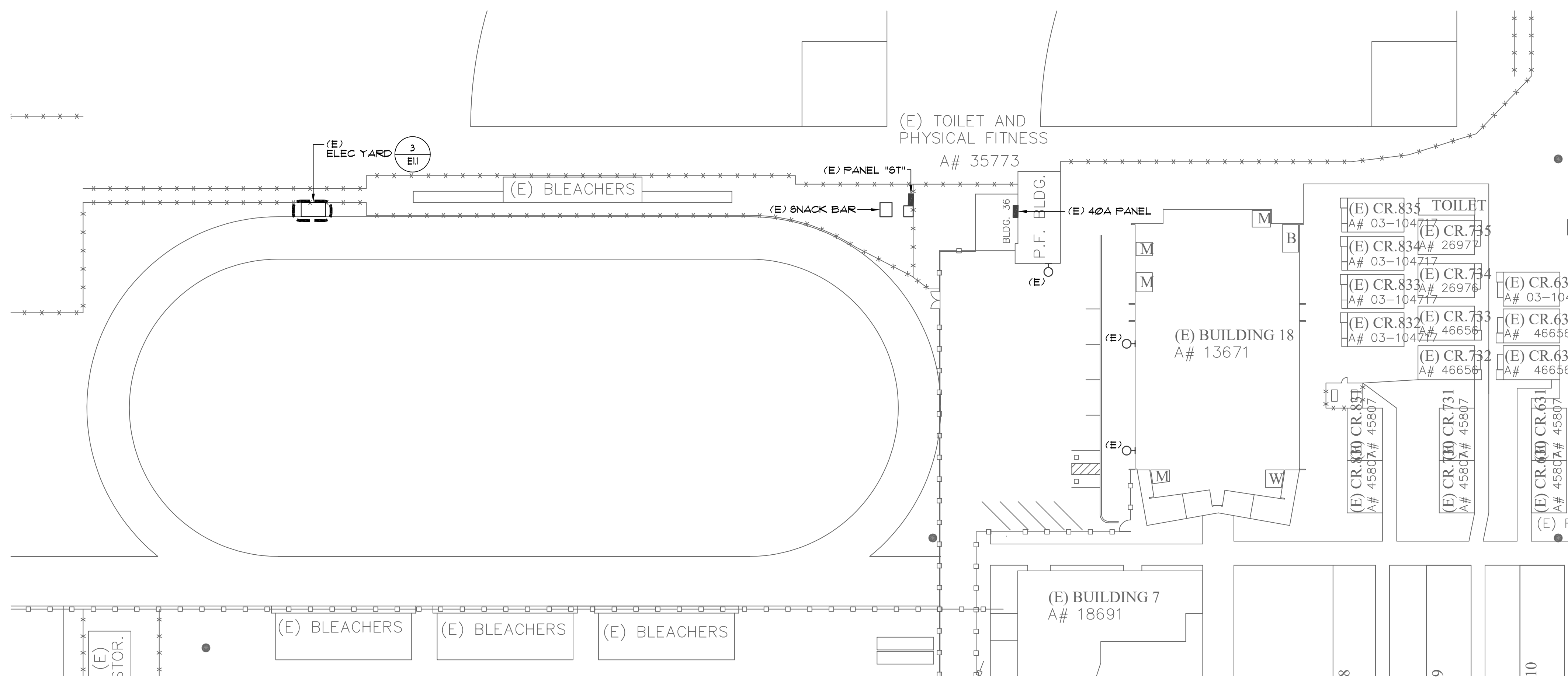
SHEET NAME:
GENERAL NOTES, SYMBOL LIST, SINGLE LINE
DIAGRAM AND DETAILS

DATE: 03/15/2022
DRAWN: DA
JOB: ANT21-01a
SHEET:

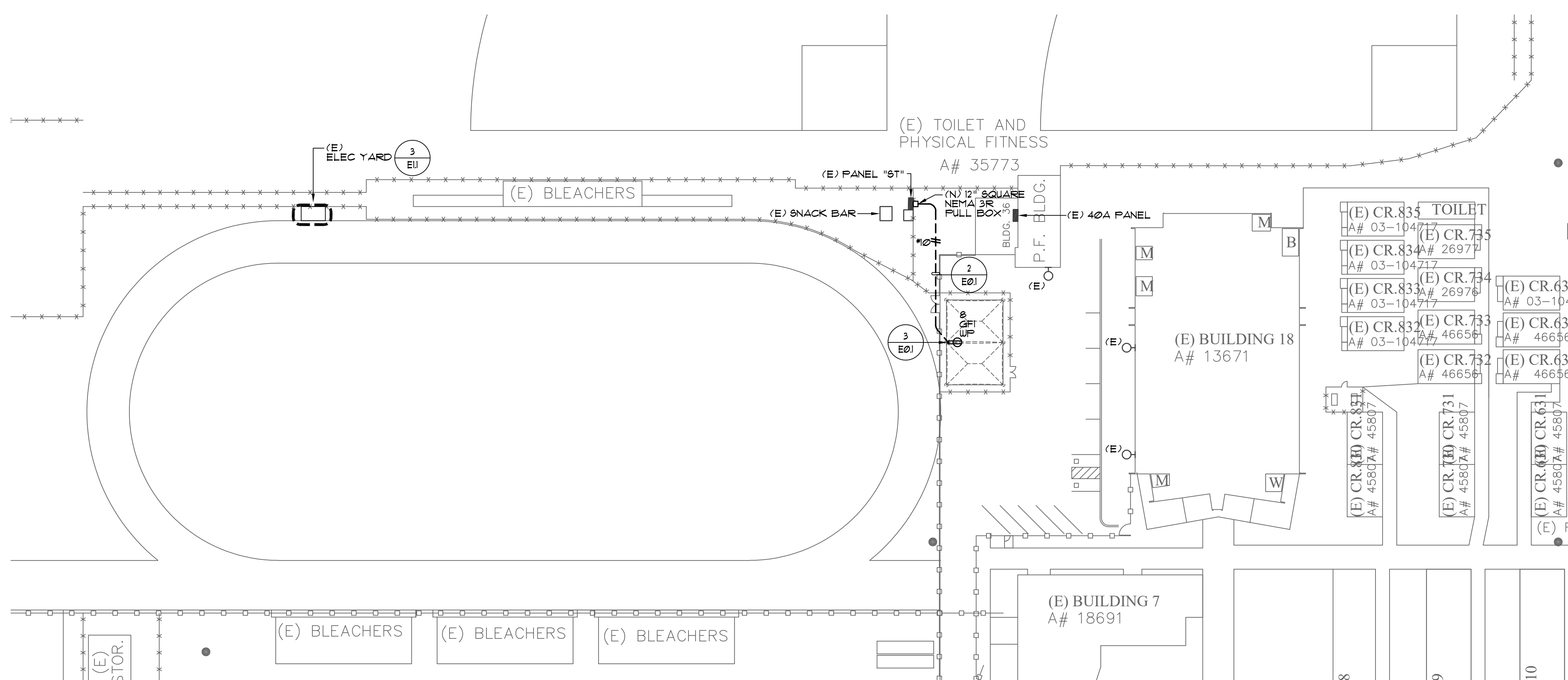
E0.1

BID SET

ANTELOPE VALLEY HIGH SCHOOL



ENLARGED DEMOLITION SITE PLAN 1" = 50'-0" 1



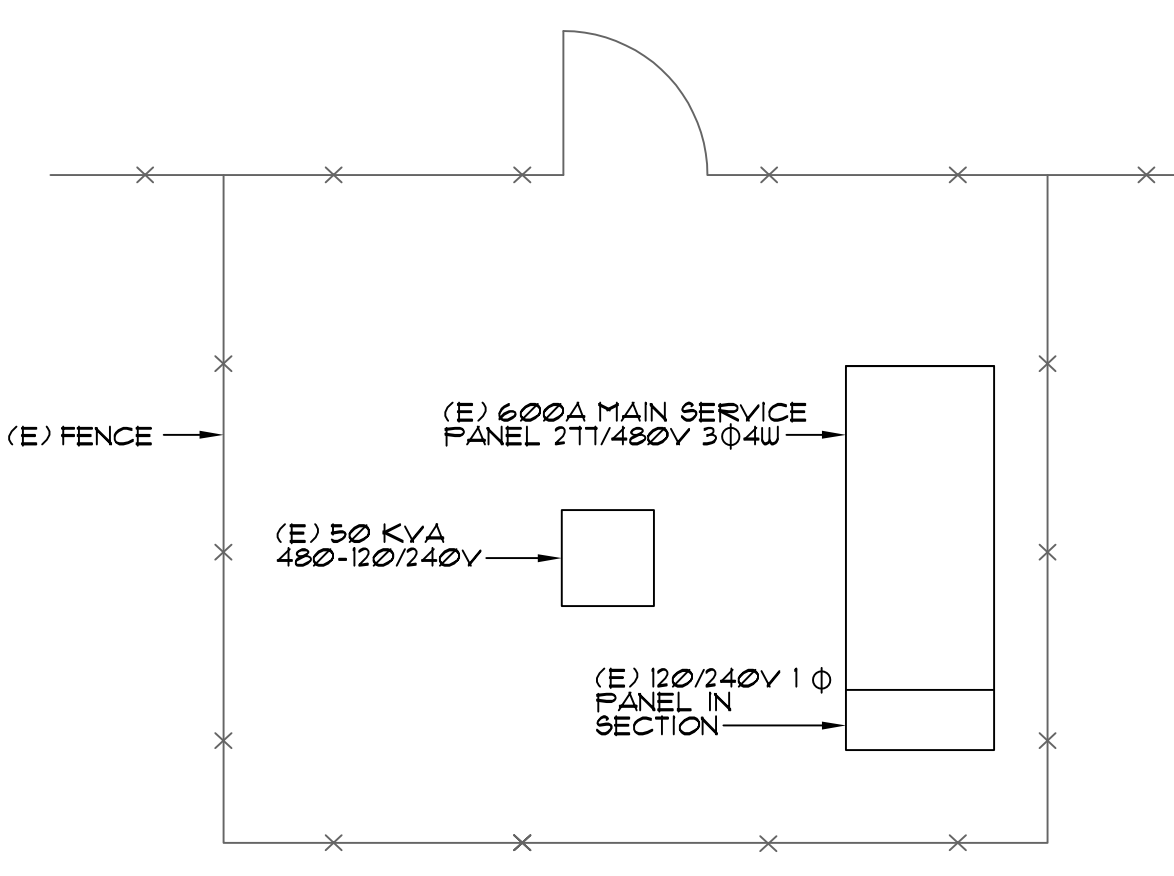
ENLARGED REMODEL SITE PLAN 1" = 50'-0" 2

PLAN NOTES

- REFER TO DRAWING E01 SINGLE LINE DIAGRAM FOR ADDITIONAL INFORMATION.
- CONDUIT ROUTING INDICATED ON THESE PLANS IS DIAGRAMMATIC. ACTUAL ROUTING OF UNDERGROUND CONDUITS SHALL BE COORDINATED IN THE FIELD TO AVOID INTERFERENCE WITH OTHER UTILITIES AND TRADES.
- IT SHALL BE THIS CONTRACTOR'S RESPONSIBILITY TO MAINTAIN REQUIRED CLEARANCES BETWEEN UNDERGROUND ELECTRICAL CONDUITS AND FOOTINGS. CONDUIT STUB-UPS SHALL NOT BE INSTALLED IN FOOTINGS. EXACT METHOD FOR STUBBING-UP CONDUITS AT FOOTING LOCATIONS SHALL BE COORDINATED IN THE FIELD WITH THE GENERAL CONTRACTOR AND THE ARCHITECT.
- REFER TO DRAWING E01, GENERAL NOTES, FOR ADDITIONAL REQUIREMENTS.
- ALL CIRCUITS SERVING THE REMODEL AREA, WHETHER IDENTIFIED ON PLAN OR NOT, SHALL BE TRACED AND IDENTIFIED PRIOR TO START OF THE DEMOLITION PHASE. CIRCUITS AFFECTED BY THE REMODEL THAT SERVE AREAS THAT ARE NOT A PART OF THE REMODEL SHALL BE MAINTAINED IN OPERATION DURING THE CONSTRUCTION PHASE. INTERRUPTION OF SERVICE WILL NOT BE ALLOWED.

EXISTING		MAIN BREAKER: 125A.		SCA: 10 KAIC	
PANEL "ST"		VOLTAGE: 240/120V-3-WIRE		BUS SIZE	
LOCATION: SNACK TRAILER		COPPER: 125A		MOUNT: SURFACE	
DESCRIPTION		OKT	BKR	P	LTS
EXISTING LOAD	1	30	2		
W/ CKT 1	3				
SPACE	5				
SPACE	7				
SPACE	9				
SPACE	11				
SPACE	13				
SPACE	15				
SPACE	17				
SPACE	19				
SPACE	21				
SPACE	23				
SPACE	25				
SPACE	27				
SPACE	29				
SPACE	31				
SPACE	33				
SPACE	35				
SPACE	37				
SPACE	39				
SPACE	41				
SUB TOTAL VOLTA/AMPS		2880	2880		
SPRINKLERS	2	15	1		
EXISTING LOAD	4	20	1		
EXISTING LOAD	6	20	1		
SHADE STRUCTURE RECP.	8	20	1		
SPACE	10				
SPACE	12				
SPACE	14				
SPACE	16				
SPACE	18				
SPACE	20				
SPACE	22				
SPACE	24				
SPACE	26				
SPACE	28				
SPACE	30				
SPACE	32				
SPACE	34				
SPACE	36				
SPACE	38				
SPACE	40				
SPACE	42				
SUB TOTAL VOLTA/AMPS		3360	2100		
TOTAL VOLTA/AMPS		6240	4980		
TOTAL LCL/PHASE		0	0		
TOTAL VOLTA/AMPS		6240	4980		
TOTAL AMPS/PHASE		52	42		
CONNECTED		11220	VA		
25% OF MTR		0	VA		
25% OF LCL		0	VA		
CALCULATED		11220	VA		
			= 46.75	AVERAGE AMPS	

* = INDICATES EXISTING LOAD TO REMAIN, BASED ON FULL LOAD RATING OF OF CIRCUIT BREAKER.
Δ = INDICATES NEW LOAD AND NEW CIRCUIT BREAKER AT EXISTING SPACE. NEW CIRCUIT BREAKER TO MATCH EXISTING IN MANUFACTURER AND DUTY TYPE.



ENLARGED ELECTRICAL YARD 1/4" = 1'-0" 3

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ENGINEER
REGISTERED PROFESSIONAL ENGINEER
No. E17229
8/30/24
STATE OF CALIFORNIA

ARCHITECT
REGISTERED ARCHITECT
No. 17545
REN. 6-2023
STATE OF CALIFORNIA

PROJECT: NEW SHADE STRUCTURE AND RELATED SITE WORK
AT ANTELOPE VALLEY HIGH SCHOOL
44900 Division St. Lancaster, Ca 93535
SHEET NAME: DEMOLITION AND REMODEL SITE PLANS
DATE: 03/15/2022
DRAWN: DA
JOB: ANT21-01a
SHEET: E1.1

SHEET SIZE: ARCH D (24"x36")
PLOT DATE: 9/16/2022 4:01 PM



NEW SHADE STRUCTURE AND RELATED SITE WORK
AT EASTSIDE HIGH SCHOOL

ANTELOPE VALLEY UNION HIGH SCHOOL DISTRICT

GENERAL

- DIMENSIONS ARE FROM FACE OF WALL OR CENTER LINE OF COLUMNS, MULLIONS & STUDS UNLESS OTHERWISE NOTED.
- EQUIPMENT SHOWN DOTTED IS NOT IN THIS CONTRACT.
- THE CONTRACTOR SHALL REVIEW THE PLANS AND SITE AND COORDINATE ALL THE WORK REQUIRED FOR THE PROJECT.
- THE CONTRACTOR SHALL TAKE DUE NOTE THAT THE DRAWINGS IDENTIFIED AS ARCHITECTURAL, STRUCTURAL, ELECTRICAL, PLUMBING & MECHANICAL ARE FOR COORDINATION OF TRADES AND ARE NOT TO BE INTERPRETED AS EXCLUSIVE WORK ONLY. ALL TRADES ARE TO VERIFY WITH ALL DRAWINGS FOR ALL REQUIRED WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ANY AND ALL EXISTING UTILITY LINES OR STRUCTURES WITHIN AND ADJACENT TO DEMOLITION OR CONSTRUCTION AREA, WHETHER SHOWN OR NOT SHOWN HEREIN.
- THE CONTRACTOR SHALL INSPECT EXISTING SITE CONDITIONS AND VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO ANY LAND DISTURBANCE. CONTRACTOR WILL BE RESPONSIBLE FOR DAMAGE TO ANY PUBLIC OR NON-PUBLIC UTILITY. THE CONTRACTOR SHALL REVIEW PLANS AS REQUIRED FOR COORDINATION OF THE NEW WORK WITH EXISTING CONDITIONS.
- THE CONTRACTOR SHALL OBTAIN ALL CLEARANCES REQUIRED FOR ALL WORK (DEMOLITION, RELOCATION AND NEW WORK) SUCH AS (BUT NOT LIMITED TO) REMOVAL OF STRUCTURES, TREES, TURF AREAS, MEEDS, CURBS, GUTTERS AND RELOCATION AND/OR REMOVAL OF EXISTING UTILITIES ON- AND OFF-SITE AS MAY BE REQUIRED.
- THE CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS AND LICENSES NECESSARY, INCLUDING UTILITY FEES. THE OWNER WILL REIMBURSE THE CONTRACTOR THE ACTUAL DOCUMENTED COST OF SUCH PERMITS, LICENSES AND FEES, WITH NO OVERHEAD OR PROFIT ADDED.
- THE CONTRACTOR SHALL LEAVE THE CONSTRUCTION AREAS CLEAN AND FREE OF ALL DEBRIS. ALL SUCH DEBRIS SHALL BE LEGALLY DISPOSED OF OFF-SITE BY THE GENERAL CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- DUST SHALL BE CONTROLLED AS REQUIRED BY LOS ANGELES COUNTY DUST CONTROL POLICIES.
- NO WORK WHATSOEVER SHALL BE STARTED WITHOUT FIRST NOTIFYING THE OWNER AND ARCHITECT. REFER TO THE PROJECT MANUAL.
- UNLESS SPECIFIED ON THE STRUCTURAL / ARCHITECTURAL DRAWINGS, ANY ALTERATION OR MODIFICATIONS TO A STRUCTURAL ELEMENT BY CUTTING, DRILLING, BORING, BRACING WELDING, ETC. SHALL HAVE WRITTEN APPROVAL BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO START OF WORK.
- ALL WORK SHALL CONFORM TO THE 2019 EDITION TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).
- GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.

GENERAL NOTES

- A AB.....AGGREGATE BASE
ABV.....ABOVE
ACC.....ACCESS
ADJ.....ADJACENT
A/C.....AIR CONDITIONING
AC.....ASPHALTIC CONCRETE
ALT.....ALTERNATE
ALUM.....ALUMINUM
AB.....ANCHOR BOLT
ANG.....ANGLED
ARCH.....ARCHITECT
- B BM.....BENCHMARK / BEAM
BTN.....BETWEEN
BIT.....BITUMINOUS
BLKS.....BLOCKING
BD.....BOARD
BLDS.....BUILDING
- C CAB.....CABINET
CL.....CAST IRON
CB.....CATCH BASIN
CLG.....CEILING
CL.....CENTERLINE
CT.....CERAMIC TILE
CL.....CHAIN LINK
CLR.....CLEAR
COL.....COLUMN
CMU.....CONCRETE MASONRY UNIT
CONT.....CONTINUOUS
CJ/CJT.....CONTROL JOINT
C.C.R.....CA CODE OF REGULATIONS
- D DEMO.....DEMOLISH / DEMOLITION
DIA.....DIAMETER
DNG.....DRAWING
D.S.A.....DEPT. OF THE STATE ARCHITECT
DF.....DRINKING FOUNTAIN/ DOUGLAS FIR
- E (E).....EXISTING
ELEC.....ELECTRICAL
ELEV.....ELEVATION
EXT.....EXTERIOR
EWFW.....ELECTRICALLY WELDED WIRE
FABR.....FABRIC
EJ.....EXPANSION JOINT
EN.....END NAIL
- F FF.....FINISH FLOOR
FA.....FIRE ALARM
FRP.....FIBERGLASS REINFORCED PANELS
FE.....FIRE EXTINGUISHER
F.E.C.....FIRE EXTINGUISHER CABINET
F.H.M.S.....FLATHEAD MACHINE SCREEN
F.H.A.B.....FLATHEAD MACHOOD SCREEN
FD.....FLOOR DRAIN
FTG.....FOOTING
FND.....FOUNDATION
FUR/FUR.....FURNITURE
FS.....FLOOR SINK / FINISH SURFACE

- G GA.....GAGE/GAUGE
GALV.....GALVANIZE
GC.....GENERAL CONTRACTOR
GLB.....GLU LAM BEAM/GLASS BLOCK
GB.....GRADE BEAM/GRAB BAR
GYP BD.....GYPSUM WALL BOARD
- H HDR.....HEADER
HVAC.....HEATING VENTILATING AND AIR CONDITIONING
HORIZ.....HORIZONTAL
HB.....JOSE BIB
HX.....HOT WATER HEATER
HSS.....HOLLOW STRUCTURAL SECTION
- I INT.....INTERIOR
INV.....INVERT
- J JT.....JOINT
JST.....JOIST
- K KIT.....KITCHEN
- L LB.....LAGBOLT
LAM.....LAMINATED
LAY.....LAVATORY
LTL.....LINTEL
- M MB.....MACHINE BOLT
MH.....MANHOLE
MFR.....MANUFACTURER
MAS.....MASONRY
MO.....MASONRY OPENING
MAX.....MAXIMUM
MECH.....MECHANICAL
MR.....MEMBER
MIN.....MINIMUM OR MINUTE
MISC.....MISCELLANEOUS
MOD.....MODULE (LAR)
- N NRC.....NOISE REDUCTION COEFFICIENT
NOM.....NOMINAL
NG.....NOT IN CONTRACT
NTS.....NOT TO SCALE
NO.....NUMBER
(N).....NEW
- O O/C.....ON CENTER
OPP.....OPPOSITE
OD.....OUTSIDE DIAMETER
OHMB.....OVAL-HEAD MACHINE BOLT
CHNS.....OVAL-HEAD MACHOOD SCREEN
OH.....OVERHEAD
OFCL.....OWNER FURNISHED CONTRACTOR INSTALLED

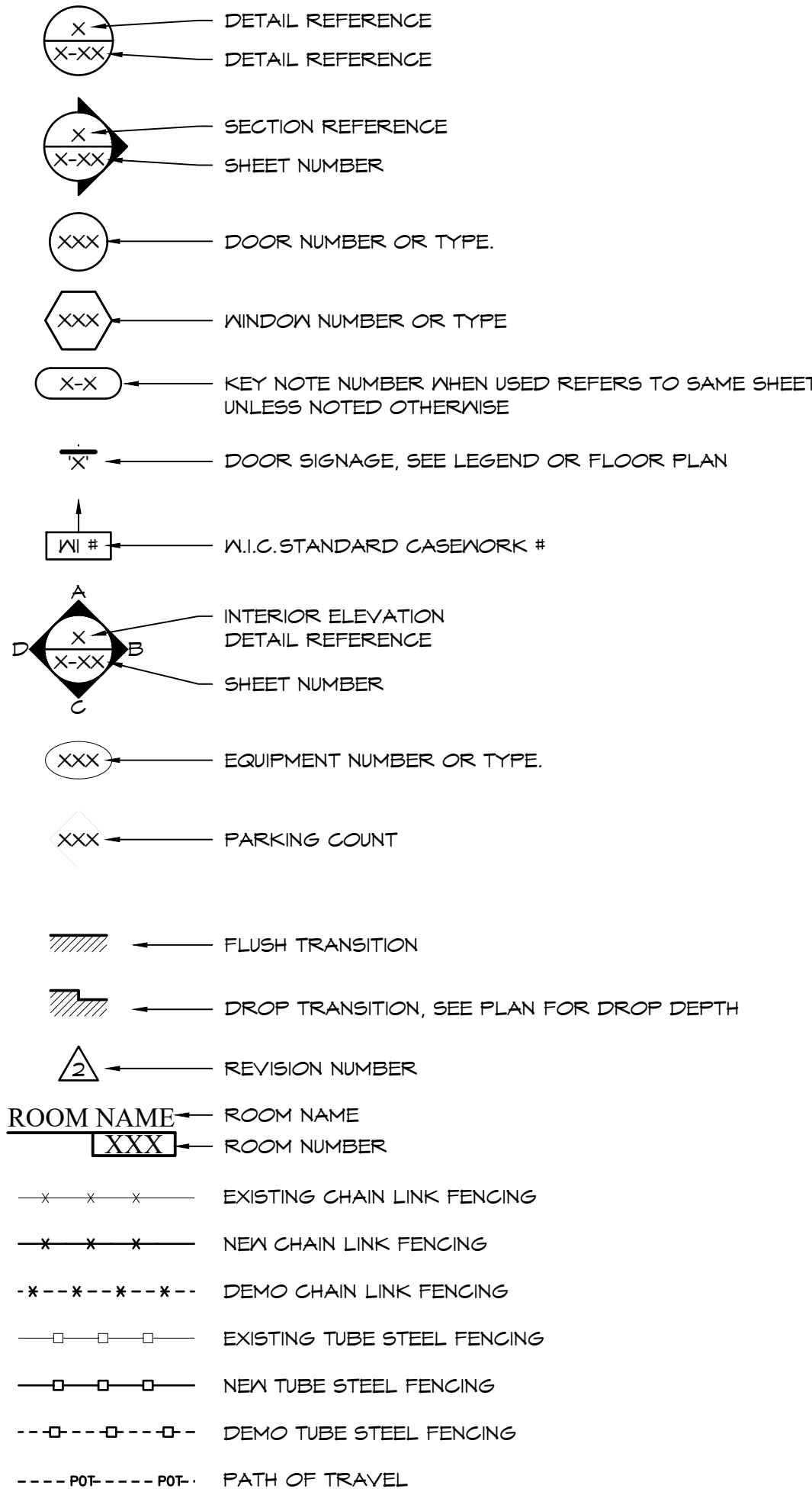
- P PL.....PLATE
POC.....POINT OF CONNECTION
PLA.....PLANTER AREA
PSI.....POUNDS PER SQUARE INCH
E.....PROPERTY LINE
(P).....PROPOSED
FH.....FANIC HARDWARE
PVC.....POLYVINYL CHLORIDE (PIPE)
- Q QT.....QUARRY TILE
- R RPA.....RAISED PLANTER AREA
RAD.....RADIUS
REF.....REFRIGERATOR
REG.....REGISTER
RET.....RETURN
RAG.....RETURN AIR GRILL
REV.....REVISION
RD.....ROOF DRAIN
RM.....ROOM
RO.....ROUGH OPENING
- S SCHD.....SCHEDULE
SEC.....SECTION
SHT.....SHEET
SIM.....SIMILAR
SPEC.....SPECIFICATION
SQ.....SQUARE
SS.....STAINLESS STEEL
STD.....STANDARD
STL.....STEEL
STOR.....STORAGE
SD.....STORM DRAIN
STRUCT.....STRUCTURAL
- T TEL.....TELEPHONE
TV.....TELEVISION
TJ.....TOOL JOINT
TIS.....TONGUE & GROOVE
TS.....TOP OF SHEATHING
TS.....TUBE STEEL
TYP.....TYPICAL
- U UC.....UNDERCUT
UG.....UNDERGROUND
U.N.O.....UNLESS NOTED OTHERWISE
- V VERT.....VERTICAL
VCT.....VINYL COMPOSITION TILE
- W WC.....WATER CLOSET
IN.....INTH
W/O.....WITHOUT
W.....WROUGHT IRON

DEMOLITION & PATCHING

- DEMOLITION INDICATED IS FOR THE CONVENIENCE OF THE CONTRACTOR AND MAY NOT INDICATE THE FULL EXTENT OF DEMOLITION REQUIRED FOR THE PERFORMANCE OF THE CONTRACT. CONTRACTOR SHALL VISIT THE SITE AND VERIFY THE SCOPE OF DEMOLITION WORK REQUIRED.
 - PATCH AND REPAIR EXISTING SURFACES AS REQUIRED DUE TO DEMOLITION OR PERFORMANCE OF NEW CONSTRUCTION. ALL NEW WORK SHALL MATCH EXISTING IN KIND, QUALITY, AND FINISH, UNLESS NOTED OR SPECIFIED OTHERWISE.
 - NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.
- FIRE / LIFE SAFETY
- ALL PENETRATIONS THROUGH FIRE RESISTIVE WALL OR FLOOR ASSEMBLIES SHALL BE PROTECTED BY AN APPROVED PENETRATION FIRESTOP SYSTEM INSTALLED AS TESTED IN ACCORDANCE WITH UBC STANDARD 7-5 (ASTM E814)
 - CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS AND OBSERVE FIRE SAFETY REGULATIONS DURING CONSTRUCTION, ALTERATIONS, DEMOLITION AND ASBESTOS REMOVAL AS NOTED IN 2019 CFC, CHAPTER 33, & CBC, CHAPTER 33.
 - FIRE SAFETY DURING DEMOLITION AND CONSTRUCTION SHALL COMPLY WITH 2019 CFC, CHAPTER 33, & CBC, CHAPTER 33.

DIVISION OF THE STATE ARCHITECT

- CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE BY AN ADDENDA OR CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-336, PART 1, T-24, C.C.R.
- A PROJECT INSPECTOR WITH A CLASS 2 CERTIFICATION FROM THE DIVISION OF THE STATE ARCHITECT, EMPLOYED BY THE SCHOOL DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT, SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, T-24 C.C.R.
- A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.
- THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISH WORK SHALL COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317(G), PART 1, TITLE 24, CCR).



SYMBOLS

TITLE 24

PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2020*
2019 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR*
2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR
(2018 INTERNATIONAL BUILDING CODE, VOL. 1 & 2, AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR
(2017 NATIONAL ELECTRICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR
(2018 IAPMO UNIFORM MECHANICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR
(2018 IAPMO UNIFORM PLUMBING CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 CCR
2019 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR
(2018 INTERNATIONAL FIRE CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 INTERNATIONAL EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR
(2018 INTERNATIONAL EXISTING BUILDING CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 CCR
2019 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR
TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
2016 ASME A17.1/CSA B44-13 SAFETY CODE FOR ELEVATORS AND ESCALATORS (PER 2019 CBC PART 2 CH 35)
NOTE: CAL/OSHA ELEVATOR UNIT ENFORCES CCR TITLE 8 AND USES THE 2004 ASME A17.1 BY ADOPTION

APPLICABLE NFPA STD. (PARTIAL LIST)

PARTIAL LIST OF APPLICABLE STANDARDS
NFPA 13 - STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS (CA AMENDED).....2016 EDITION
NFPA 14 - STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS (CA AMENDED).....2016 EDITION
NFPA 17 - STANDARD FOR DRY CHEMICAL EXTINGUISHING SYSTEMS.....2017 EDITION
NFPA 17A - STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS.....2017 EDITION
NFPA 20 - STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION.....2016 EDITION
NFPA 22 - STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION.....2013 EDITION
NFPA 24 - STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES (CA AMENDED).....2016 EDITION
NFPA 72 - NATIONAL FIRE ALARM AND SIGNALING CODE (CA AMENDED).....2016 EDITION
NFPA 80 - STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES.....2016 EDITION
NFPA 2001 - STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS (CA AMENDED).....2015 EDITION
UL 300 - STANDARD FOR FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR PROTECTION OF COMMERCIAL COOKING EQUIPMENT.....2009 (R2010)
UL 464 - AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES.....2003 EDITION
UL 521 - STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS.....1999 EDITION
UL 1911 - STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED.....2002 (R2010)
ICC 300 - STANDARD FOR BLEACHERS, FOLDING AND TELESCOPIC SEATING, AND GRANDSTANDS.....2017 EDITION

FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2019 CBC (SPM) CHAPTER 35 AND CALIFORNIA FIRE CODE CHAPTER 80.

SEE CALIFORNIA BUILDING CODE CHAPTER 35 FOR STATE OF CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS.

*ALL PARTS OF THE 2019 CALIFORNIA BUILDING CODE BECOME EFFECTIVE JANUARY 1, 2020 EXCEPT THE EFFECTIVE DATE FOR THE USE OF THE 2019 BUILDING ENERGY EFFICIENCY STANDARDS (TITLE 24, PART 1, CHAPTER 10) IS JANUARY 8, 2019 AND THE EFFECTIVE DATE FOR THE USE OF THE CALIFORNIA ADMINISTRATIVE CODE (TITLE 24, PART 1, CHAPTER 4) IS JANUARY 8, 2019.

CODE REFERENCES

SITE DEMOLITION INCLUDES:
DEMO OF EXISTING ASPHALT AND CONCRETE PAVING.

NEW SITE WORK INCLUDES:
NEW ASPHALT AND CONCRETE PAVING FOR PATH OF TRAVEL UPGRADES.
NEW CHAIN LINK FENCING AND ACCESSIBLE GATES.

NEW BUILDING '3,S,H', TYPE AND SQUARE FOOTAGE:
NEW 40'X60' SHADE STRUCTURE.

FUNDING SOURCE:
ESSER II AND ESSER III

ACCESSIBLE PATH OF TRAVEL UPGRADES:
A. DIRECT CONSTRUCTION COST OF ALTERATIONS, STRUCTURAL REPAIRS OR ADDITIONS PER DSA-1 = \$199,296

B. ADJUSTED CONSTRUCTION COST FOR PURPOSES OF EXCEPTION 2019 CBC 11B-202.4, EXCEPTION #8 = \$166,096

C. COST OF PATH OF TRAVEL UPGRADES (REQUIRED) = \$33,219

D. COST OF PATH OF TRAVEL UPGRADES (PROVIDED) = \$33,200

THE FOLLOWING ACCESSIBLE ELEMENTS ARE REQUIRED PER CBC 11B-202.4, EXCEPTION #8 ARE AS FOLLOWS (IN ORDER OF PRIORITY)

- ACCESSIBLE ENTRANCE
- ACCESSIBLE ROUTE SERVING AREA OF ALTERATION
- ACCESSIBLE TOILET(S)
- ACCESSIBLE TELEPHONES
- ACCESSIBLE H/L/O DRINKING FOUNTAIN
- WHEN POSSIBLE ADDITIONAL ACCESSIBLE ELEMENTS SUCH AS ACCESSIBLE PARKING, SIGN, STORAGE AND ALARMS

THE FOLLOWING ACCESSIBLE ELEMENTS ARE PROVIDED AND ILLUSTRATED IN THE CONSTRUCTION DOCUMENTS PLANS/SPECIFICATIONS:

- ACCESSIBLE ENTRANCE

SCOPE OF WORK

Sheet List Table	
SHEET NUMBER	SHEET TITLE
GENERAL	
CS	COVER SHEET
CIVIL	
C-1	GRADING IMPROVEMENT PLAN
C-2	GRADING IMPROVEMENT PLAN
ARCHITECTURAL	
A0.1	LOCAL FIRE AUTHORITY REVIEW
A-1	OVERALL SITE PLAN
A-2	ENLARGED SITE PLAN
AD-1	DETAILS
SHADE STRUCTURE	
P.C. T-1.0	P.C. TITLE SHEET
P.C. T-2.0	DSA 103 SAMPLE FORM
P.C. T-2.1	DSA 103 SAMPLE FORM
24.1-1000	PRODUCT INFORMATION
24.2-1001	DETAILS
24.3-2000	REACTIONS

TOTAL SHEETS: 13

Statement of General Conformance
FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS,
INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, PREPARED BY OTHER LICENSED
DESIGN PROFESSIONALS AND/OR CONSULTANTS

(Application No. 03-122130 File No. 19-H2)

- ☒ The drawings or sheets listed on the cover or index sheet
☐ This drawing, page of specifications/calculations

have been prepared by other design professionals or consultants who are licensed and/or authorized to prepare such drawings in this state. It has been examined by me for:

- design intent and appears to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications prepared by me, and
- coordination with my plans and specifications and is acceptable for incorporation into the construction of this project.

The Statement of General Conformance "shall not be construed as relieving me of my rights, duties, and responsibilities under Sections 17302 and 81138 of the Education Code and Sections 4-336, 4-341 and 4-344" of Title 24, Part 1, (Title 24, Part 1, Section 4-317 [b])

I find that:	<input checked="" type="checkbox"/> All drawings or sheets listed on the cover or index sheet <input type="checkbox"/> This drawing or page
<input checked="" type="checkbox"/> Is/are in general conformance with the project design intent, and <input checked="" type="checkbox"/> has/have been coordinated with the project plans and specifications.	<input type="checkbox"/> Is/are in general conformance with the project design intent, and <input type="checkbox"/> has/have been coordinated with the project plans and specifications.
Signature _____ Date 09/16/2022	Signature _____ Date _____
Architect or Engineer designated to be in general responsible charge	Architect or Engineer delegated responsibility for this portion of the work
GINO C. BASTIANON	
Print Name	Print Name
C-27564	6/23
License Number	Expiration Date
	License Number
	Expiration Date

SHEET INDEX

PROJECT ADDRESS:
EASTSIDE HIGH SCHOOL
3200 E AVE J B
LANCASTER, CA 93535

PROJECT OWNER:
ANTELOPE VALLEY UNION HIGH SCHOOL DISTRICT
44811 NORTH SIERRA HIGHWAY
LANCASTER, CA 93534
(661) 952-2287
CONTACT:
MAT HAVENS

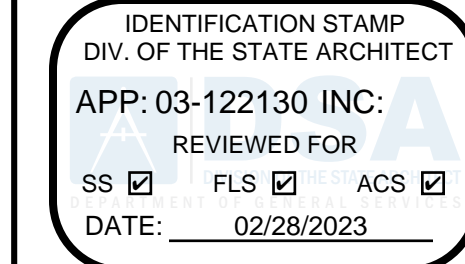
PROJECT ARCHITECT:
FF&J ARCHITECTS INC.
19153 TOWN CENTER DR., SUITE 101
APPLE VALLEY, CA 92308
(760) 240-6211
PROJECT MANAGER:
RICK SHIFFER
ARCHITECT OF RECORD:
GINO BASTIANON

CIVIL:
JF ENGINEERING
33336 N. AGUA DULCE CYN. RD. #103
AGUA DULCE, CA 91392
(661) 268-8899
CONTACT:
JOHN JACOB

P.T.N: _____

ABBREVIATIONS

Z:\ANTELOPE VALLEY\ANT121-01 - S.S. - 1 VARIOUS SITES\ANT121-01B - EASTSIDE HS\ARCH\CS COVER SHEET.DWG



REVISIONS	BY



ENGINEER

ARCHITECT



PROJECT:
NEW SHADE STRUCTURE AND RELATED SITE WORK
AT EASTSIDE HIGH SCHOOL
3200 E AVE J B, LANCASTER, CA 93535

DATE: September, 2022
DRAWN: _____
JOB: ANT21-01b
SHEET: _____

CS

BID SET

COVER SHEET

GENERAL GRADING NOTES

- ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO LISTED BUILDING CODES, ALL APPLICABLE STATE AND MUNICIPAL ORDINANCES, CONTRACT DOCUMENTS, SPECIFICATIONS AND ALL OTHER RULES AND REGULATIONS HAVING JURISDICTION OVER THIS PROJECT. IN THE EVENT THAT TWO OR MORE REGULATIONS CONFLICT, THE MORE RESTRICTIVE SHALL GOVERN.
- THE CONTRACTOR AND ALL ITS SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR REVIEWING, UNDERSTANDING AND FOLLOWING ALL GENERAL NOTES THROUGHOUT THE PROJECT. ALL ITEMS STATED UNDER GENERAL NOTES ARE PART OF THE CONTRACT DOCUMENTS. CONTRACTOR IS RESPONSIBLE FOR INCLUDING AND TAKING INTO CONSIDERATION ALL GENERAL NOTES AND HOW IT AFFECTS THEIR CONSTRUCTION, SEQUENCING AND/OR BID. ANY QUESTIONS REGARDING GENERAL NOTES THROUGHOUT THE PROJECT SHALL BE ADDRESSED BY MEANS OF GENERAL NOTES FOR INFORMATION DURING THE BID PHASE. ANY ITEMS THAT HAVE NOT BEEN ACCOUNTED FOR AFTER AWARD OF BID THAT ARE STATED IN GENERAL NOTES, SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- DETAILS DESIGNATED AS TYPICAL ON DETAIL SHEETS ARE APPLICABLE THROUGHOUT PROJECT WHEREVER THE DESCRIBED CONDITION OCCURS AND MAY OR MAY NOT BE SPECIFICALLY REFERENCED ON ARCHITECTURAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THESE DETAILS AND UNDERSTANDING EXTENT OF THEIR APPLICATION PRIOR TO PERFORMING WORK.
- DIMENSIONS: ALL DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE. ALL DIMENSIONS ARE TO FACE OF FINISH UNLESS NOTED OTHERWISE.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL EXISTING TO REMAIN EQUIPMENT, STRUCTURES, FINISHES, AND SERVICES WHICH MAY BE DISTURBED THROUGH CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL EXERCISE CARE TO PROTECT ANY EXISTING ITEMS THAT MAY BE DAMAGED THROUGH CONSTRUCTION ACTIVITIES. IF SUCH DOCUMENTS WERE DISTURBED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND RETURN THE DAMAGED OR DISTURBED ITEMS TO THEIR PREVIOUS CONDITION AT NO COST TO THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURATE PLACEMENT OF ALL NEW CONSTRUCTION ON THE SITE.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS & SITE CONDITIONS BEFORE STARTING WORK. SHOULD A DISCREPANCY APPEAR IN THE CONTRACT DOCUMENTS OR BETWEEN THE CONTRACT DOCUMENTS & EXISTING CONDITIONS, NOTIFY THE ARCHITECT AT ONCE FOR INSTRUCTION ON HOW TO PROCEED.
- THE CONTRACTOR SHALL CONFINE HIS OPERATION ON THE SITE TO AREAS PERMITTED BY OWNER.
- THE JOBSITE SHALL BE MAINTAINED IN A CLEAN, ORDERLY CONDITION FREE OF DEBRIS AND LITTER AND SHALL NOT BE UNREASONABLY ENCUMBERED WITH ANY MATERIALS OR EQUIPMENT. EACH SUBCONTRACTOR IMMEDIATELY UPON COMPLETION OF EACH PHASE OF HIS WORK SHALL REMOVE ALL TRASH AND DEBRIS AS A RESULT OF HIS OPERATION.
- UPON COMPLETION OF EACH PHASE OF THE WORK AND AT SUCH TIMES AS DIRECTED BY THE OWNER, REMOVE ALL SURPLUS MATERIAL, TOOLS AND DEBRIS AND LEAVE THE SITE IN A CLEAN AND NEAT CONDITION.
- THE CONTRACTOR SHALL DO ALL CUTTING, FITTING, OR PATCHING OF HIS WORK THAT MAY BE REQUIRED TO MAKE ITS SEVERAL PARTS FIT TOGETHER PROPERLY & SHALL NOT ENDANGER ANY OTHER WORK BY CUTTING, EXCAVATING, OR OTHERWISE ALTERING THE TOTAL WORK OR ANY PART OF IT. ALL PATCHING, REPAIRING AND REPLACING OF MATERIALS AND SURFACES, CUT OR DAMAGED IN EXECUTION OF WORK, SHALL BE DONE WITH APPLICABLE MATERIALS SO THAT SURFACES REPLACED WILL, UPON COMPLETION, MATCH SURROUNDING SIMILAR SURFACES.
- WORK SHALL BE PERFORMED ACCORDING TO EDITION OF THE STANDARD SPECIFICATION AND PLANS FOR PUBLIC WORKS CONSTRUCTION (GREENBOOK AND S.P.P.W.C.), THE LATEST EDITION OF THE CALIFORNIA BUILDING CODE AND CITY CODE REQUIREMENTS.
- NO WORK SHALL BE STARTED WITHOUT A PRE-CONSTRUCTION MEETING WITH THE OWNER AND INSPECTOR OF RECORD.
- THE CONTRACTOR SHALL PROVIDE FOR CONTRIBUTORY DRAINAGE AT ALL TIMES AND TAKE ALL NECESSARY AND PROPER PRECAUTIONS TO PROTECT ADJACENT PROPERTIES AND IMPROVEMENTS FROM ANY AND ALL DAMAGE THAT MAY OCCUR FROM STORM WATER RUNOFF AND/OR DEPOSITION OF DEBRIS RESULTING FROM ANY AND ALL WORK.
- NO REVISIONS SHALL BE MADE TO THESE PLANS WITHOUT THE APPROVAL OF THE CIVIL ENGINEER.
- IMPORTANT NOTICE — SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE ANY "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER, CALL UNDERGROUND SERVICE ALERT TOLL FREE @ 1-800-422-4133, TWO WORKING DAYS BEFORE YOU DIG.
- ANY IMPROVEMENT(S) TO BE CONSTRUCTED WITHIN PUBLIC RIGHT-OF-WAY WILL REQUIRE SEPARATE CONSTRUCTION PERMIT AND INSPECTION FROM THE GOVERNING AGENCY(ES). CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL APPLICABLE PERMITS AND PAYING ANY REQUIRED FEES.
- FILLS SHALL BE COMPACTED THROUGHOUT TO AT LEAST 90% OF MAXIMUM DRY DENSITY AS DETERMINED BY A.S.T.M. SOIL COMPACTION TEST D 1557.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING ALL GRADE STAKES UNTIL AUTHORIZED BY SURVEYOR TO REMOVE.
- CONTRACTOR SHALL RESTORE LIKE FOR LIKE, TO THE SATISFACTION OF THE OWNER/ARCHITECT, ALL AREAS DAMAGED OR DISTURBED AS A RESULT OF WORK PERFORMED PURSUANT TO THESE PLANS AT HIS/HERS OWN EXPENSE.
- FIELD DENSITY MAY BE DETERMINED BY THE NUCLEAR DENSITY METHOD A.S.T.M. D2922 & D3017 PROVIDED NOT LESS THAN 10% OF THE REQUIRED DENSITY TESTS UNIFORMLY DISTRIBUTED ARE BY THE SAND-CONE METHOD. THE METHOD OF DETERMINING FIELD DENSITY AND LOCATION AND APPROXIMATE ELEVATION SHALL BE SHOWN IN THE COMPACTION REPORT. OTHER METHODS MAY BE USED IF RECOMMENDED BY THE SOILS ENGINEER AND APPROVED IN ADVANCE BY THE CITY ENGINEER.
- CRUSHED AGGREGATE BASE MATERIAL SHALL CONFORM TO SUBSECTION 200-2.2 OF STANDARD SPECIFICATIONS AND SHALL BE COMPACTED TO 95% RELATIVE COMPACTION USING MECHANICAL COMPACTING EQUIPMENT.
- THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES WHETHER SHOWN OR NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR FURTHER ASSUMES ALL LIABILITY AND RESPONSIBILITY FOR THE UTILITY PIPES, CONDUITS, OR STRUCTURES SHOWN OR NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL PUBLIC AND PRIVATE PROPERTY INsofar AS IT MAY BE AFFECTED BY THESE OPERATIONS. ALL COSTS FOR PROTECTING, REMOVING, AND RESTORING EXISTING IMPROVEMENTS SHALL BE BORNE BY THE CONTRACTOR.
- CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE IN EFFECT AT ALL TIMES.
- THE CONTRACTOR SHALL VERIFY ALL JOINT ELEVATIONS PRIOR TO THE REMOVAL OF PAVEMENT, CURB, GUTTER, SIDEWALK AND/OR SLOPE GRADING. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER OF RECORD PRIOR TO REMOVALS WITHIN THE AREA OF THE DISCREPANCIES.
- DUST SHALL BE CONTROLLED BY WATERING TO THE SATISFACTION OF THE INSPECTOR.
- WHERE THE IRRIGATION SYSTEM IN CONFLICT WITH NEW WORK NEEDS TO BE RELOCATED OR REPLACED, CONTRACTOR SHALL COORDINATE THE WATER SHUT OFF OR ANY ELECTRICAL RELATED WORK WITH OWNER 48 HOURS PRIOR COMMENCING THE WORK.



KNOW WHAT'S BELOW.
CALL BEFORE YOU DIG.

DIAL TOLL FREE
811

AT LEAST TWO DAYS
BEFORE YOU DIG.
UNDERGROUND SERVICE ALERT (USA)
OF SOUTHERN CALIFORNIA

GENERAL GRADING NOTES

- ALL EXPOSED P.C.C. CORNERS SHALL BE ROUNDED WITH 1/2" RADIUS.
- ALL EXPORT OF MATERIAL FROM THE SITE MUST GO TO A PERMITTED SITE APPROVED BY THE BUILDING OFFICIAL OR A LEGAL DUMP SITE. RECEIPTS FOR ACCEPTANCE OF EXCESS MATERIAL BY A DUMP SITE ARE REQUIRED AND MUST BE PROVIDED TO THE BUILDING OFFICIAL UPON REQUEST.
- CONTRACTOR TO CALCULATE HIS/HER OWN EARTHWORK QUANTITIES FOR BIDDING PURPOSES.
- FOR JOINTS AT NEW CURB AND SIDEWALK REFER TO S.P.P.W.C. STD. PLAN NO. 112-2.
- IF WORK IS COMMENCED DURING RAINY SEASON, CONTRACTOR SHALL SATISFY CITY EROSION CONTROL REQUIREMENTS AND INSTALL APPROPRIATE BMPs.

BEST MANAGEMENT PRACTICES (BMPs)
FOR CONSTRUCTION ACTIVITIES

STORM WATER POLLUTION CONTROL REQUIREMENTS FOR CONSTRUCTION ACTIVITIES:
MINIMUM WATER QUALITY PROTECTION REQUIREMENTS FOR ALL DEVELOPMENT
CONSTRUCTION PROJECTS

THE FOLLOWING IS INTENDED AS MINIMUM NOTES OR AS AN ATTACHMENT FOR BUILDING AND GRADING PLANS AND REPRESENT THE MINIMUM STANDARDS OF GOOD HOUSEKEEPING THAT MUST BE IMPLEMENTED ON ALL CONSTRUCTION SITES REGARDLESS OF SIZE.

- EVERY EFFORT SHALL BE MADE TO ELIMINATE THE DISCHARGE OF NON-STORMWATER FROM THE PROJECT SITE AT ALL TIMES.
- ERODED SEDIMENTS AND OTHER POLLUTANTS SHALL BE RETAINED ON SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEETFLOW, SWALES, ARCA DRAINS, NATURAL DRAINAGE COURSES, OR WIND.
- STOCKPILES OF EARTH AND OTHER CONSTRUCTION-RELATED MATERIALS SHALL BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.
- FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS SHALL BE STORED IN ACCORDANCE WITH THEIR LISTING AND SHALL NOT CONTAMINATE THE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS SHALL BE PROTECTED FROM THE WEATHER. SPILLS SHALL BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS SHALL NOT BE WASHED INTO THE DRAINAGE SYSTEM.
- EXCESS OR WASTE CONCRETE SHALL NOT BE WASHED INTO THE PUBLIC RIGHT-OF-WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.
- TRASH AND CONSTRUCTION-RELATED SOLID WASTES SHALL BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.
- SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS SHALL BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC RIGHT-OF-WAY. ACCIDENTAL DEPOSITIONS SHALL BE SWEEP UP IMMEDIATELY AND SHALL NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
- ANY SLOPES WITH DISTURBED SOILS OR DENuded OF VEGETATION SHALL BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.
- THE FOLLOWING BMP'S AS OUTLINED IN, BUT NOT LIMITED TO, THE "BEST MANAGEMENT PRACTICE HANDBOOK, CALIFORNIA STORMWATER QUALITY TASK FORCE, SACRAMENTO, CALIFORNIA", THE LATEST REVISED EDITION, MAY APPLY DURING THE CONSTRUCTION OF THIS PROJECT (ADDITIONAL MEASURES MAY BE REQUIRED IF DEEMED APPROPRIATE BY CITY INSPECTORS).

EROSION CONTROL

- EC1 - SCHEDULING
- EC2 - PRESERVATION OF EXISTING VEGETATION
- EC3 - HYDRAULIC MULCH
- EC4 - HYDROSEEDING
- EC5 - SOIL BINDERS
- EC6 - STRAW MULCH
- EC7 - GEOTEXTILES & MATS
- EC8 - WOOD MULCHING
- EC9 - EARTH DIKES AND DRAINAGE SWALES
- EC10 - VELOCITY DISSIPATION DEVICES
- EC11 - SLOPE DRAINS

TEMPORARY SEDIMENT CONTROL

- SE1 - SILT FENCE
- SE2 - SEDIMENT BASIN
- SE3 - SEDIMENT TRAP
- SE4 - CHECK DAM
- SE5 - FIBER ROLLS
- SE6 - GRAVEL BAG BERM
- SE7 - STREET SWEEPING AND VACUUMING
- SE8 - SANDBAG BARRIER
- SE9 - STRAW BALE BARRIER
- SE10 - STORM DRAIN INLET PROTECTION

WIND EROSION CONTROL

- WE1 - WIND EROSION CONTROL

EQUIPMENT TRACKING CONTROL

- TC1 - STABILIZED CONSTRUCTION ENTRANCE/EXIT
- TC2 - STABILIZED CONSTRUCTION ROADWAY

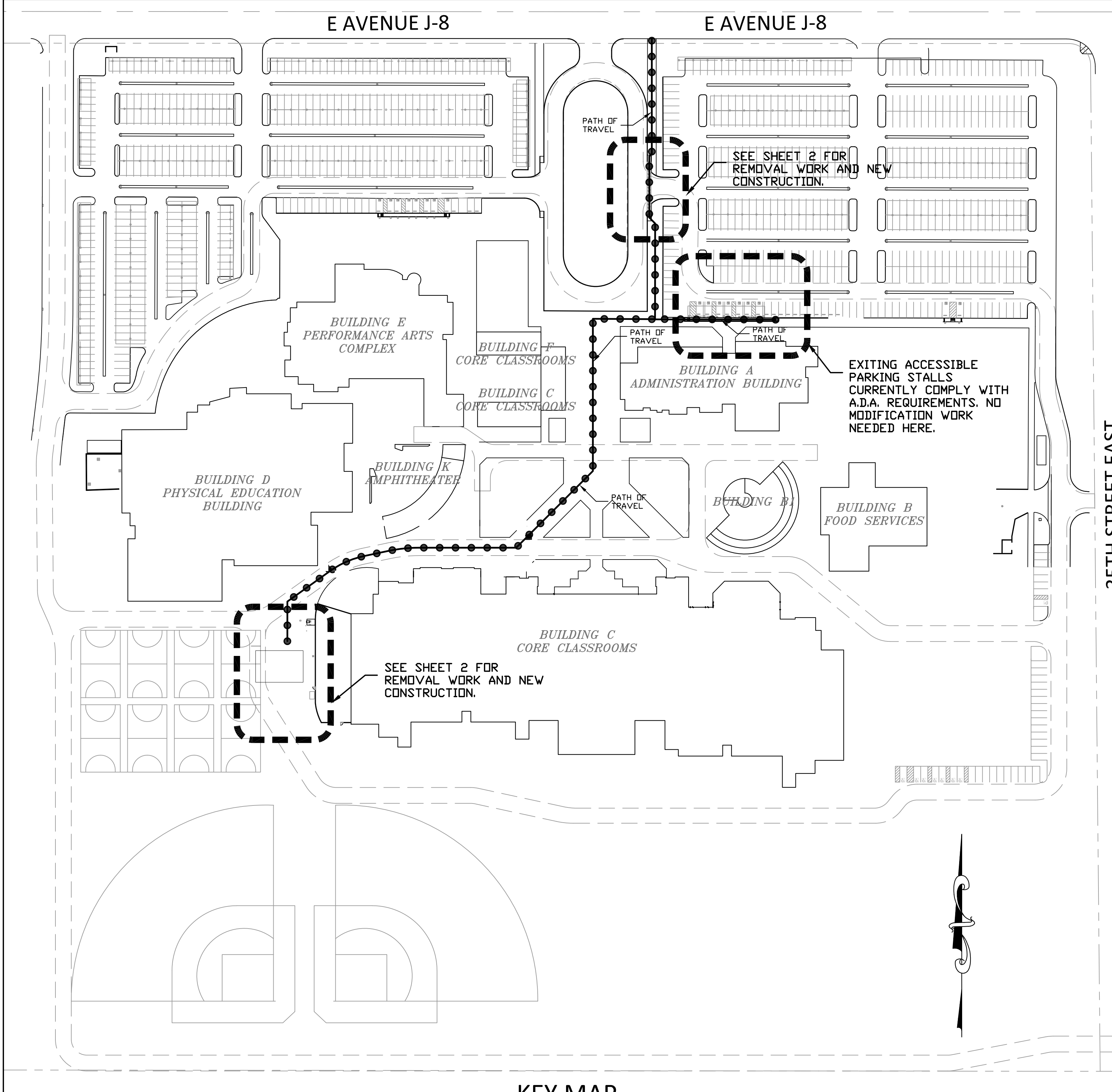
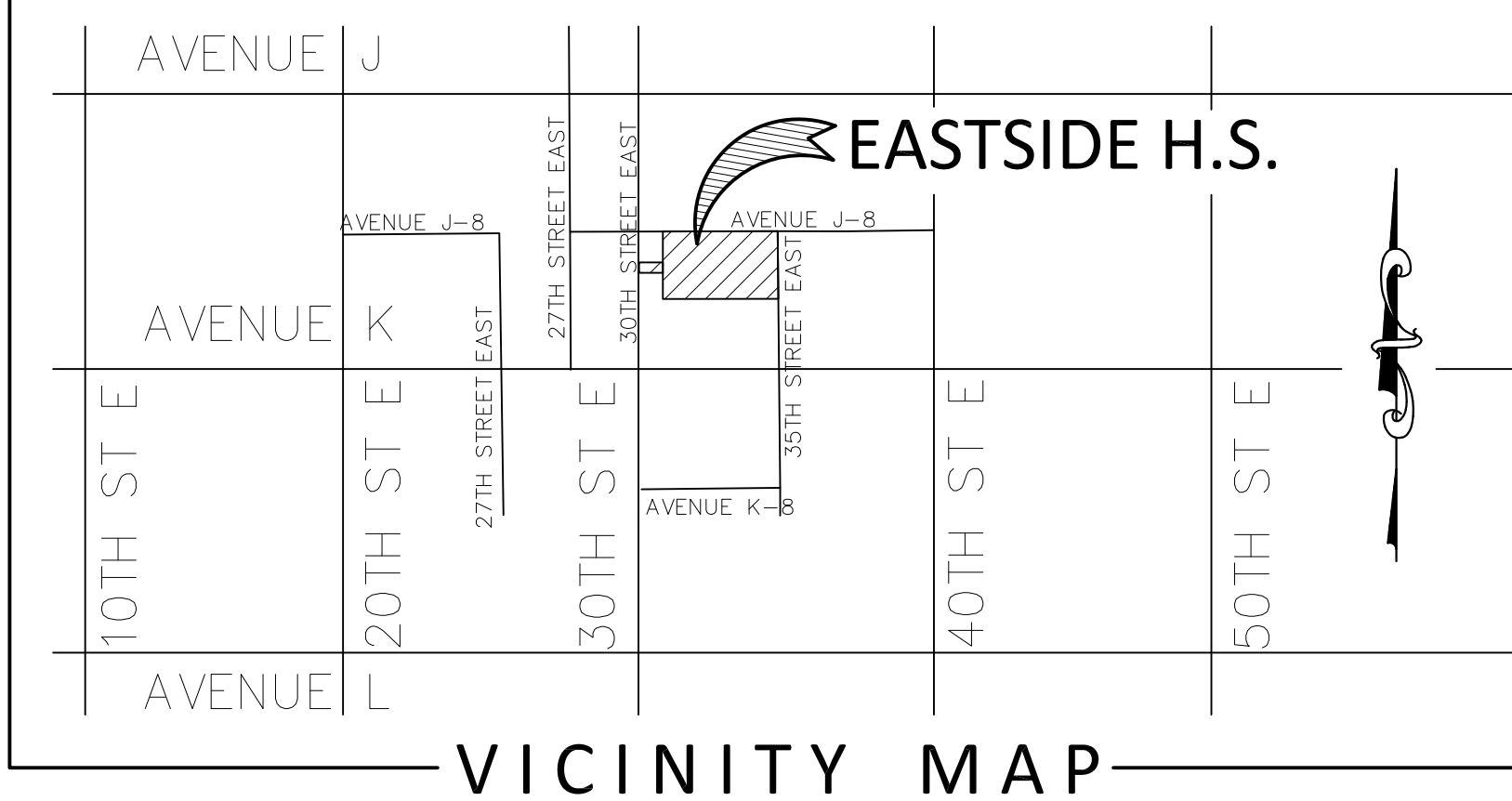
BENCHMARK:

A TEMPORARY BENCHMARK WAS SET WITH A PK NAIL AND SHINER AT TBM#1, APPROXIMATELY 34 FEET SOUTH OF THE PHYSICAL EDUCATION BUILDING.

LEGEND (WHERE APPLICABLE)

- SPOT ELEVATION
- BUILDING LINE
- EX. CURB & GUTTER
- EX. CHAIN LINK FENCE
- EX. W1 FENCE
- NEW CHAIN LINK FENCE
- EX. SIGN
- TEMPORARY BENCHMARK

- | | | | |
|------|---------------------|------|---------------------|
| AP | ANGLE POINT | FS | FINISH SURFACE |
| BC | BEGINNING OF CURVE | GB | GRADE BREAK |
| BLDG | BUILDING | GS | GROUND SHOT |
| BX | BOTTOM OF X | GV | GAS VALVE |
| CL | CENTER LINE | HP | HIGH POINT |
| CC | CONCRETE CORNER | RSR | RISER |
| CE | CONCRETE EDGE | SCRL | SCORE LINE |
| CDNC | CONCRETE | SDMH | STORM DRAIN MANHOLE |
| DI | DROP INLET DRAIN | SGN | SIGN POST |
| EC | EDGE OF CURVE | SMH | SEWER MANHOLE |
| EG | EDGE OF GUTTER | STRP | STRIPPING |
| ELEC | ELECTRICAL | TC | TOP OF CURB |
| EP | EDGE OF PAVEMENT | TCC | TOP OF CURB CORNER |
| EPB | ELECTRICAL PULL BDX | TD | TRUNCATED DUMES |
| EX | EXISTING | TV | TOP OF WALL |
| FCE | CHAINLINK FENCE | TX | TOP OF X |
| FF | FINISH FLOOR | VL | VAULT |
| FH | FIRE HYDRANT | VM | WATER METER |
| FL | FLOW LINE | VV | WATER VALVE |
| FOW | FACE OF WALL | PB | PULL BDX |



KEY MAP

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122130 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 02/28/2023

REVISIONS	BY

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Frick, Frick & Jette Architects
19153 Town Center Dr., Suite 101
Apple Valley, CA 92308
(760) 240-6211 • www.fff-j.com
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Civil/Structural Engineering • Planning • Land Surveying
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ENGINEER
JACOB J. FRICK
Professional Engineer
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Exp. 6-30-23
STATE OF CALIFORNIA

ARCHITECT
C. BASTIAN
Professional Architect
No. 4727646
REN. 6-2023
STATE OF CALIFORNIA

PROJECT: NEW SHADE STRUCTURE AND A.D.A. PATH-OF-TRAVEL MITIGATION EASTSIDE HIGH SCHOOL 3200 E AVENUE J-8 LANCASTER, CA 93535

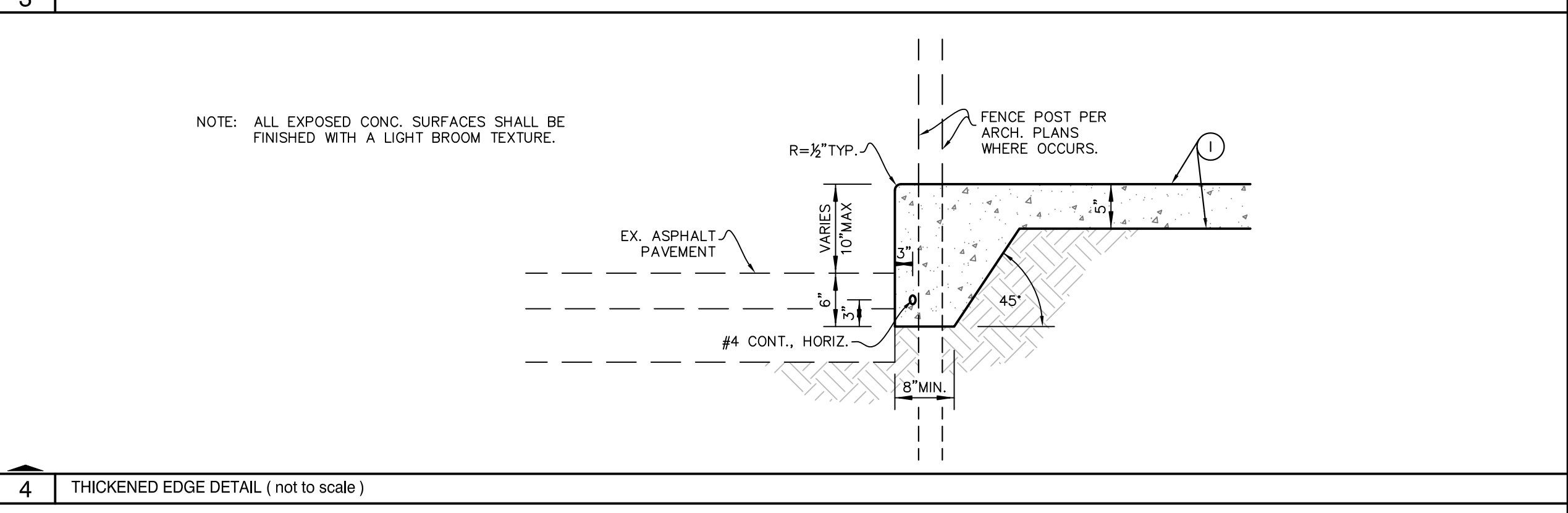
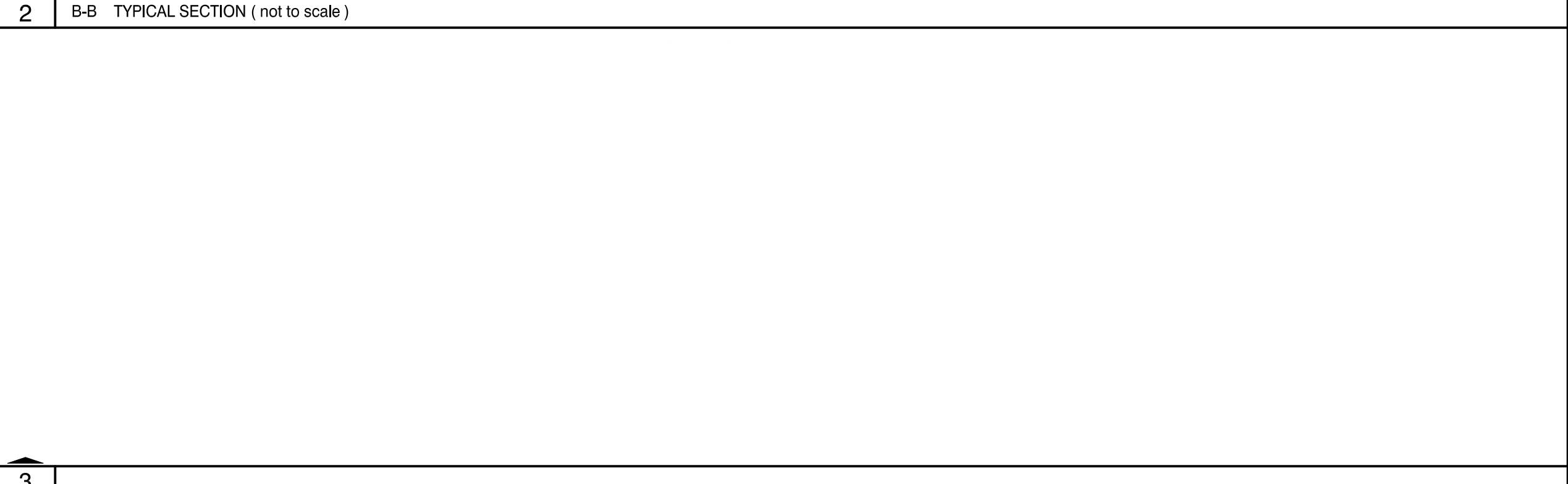
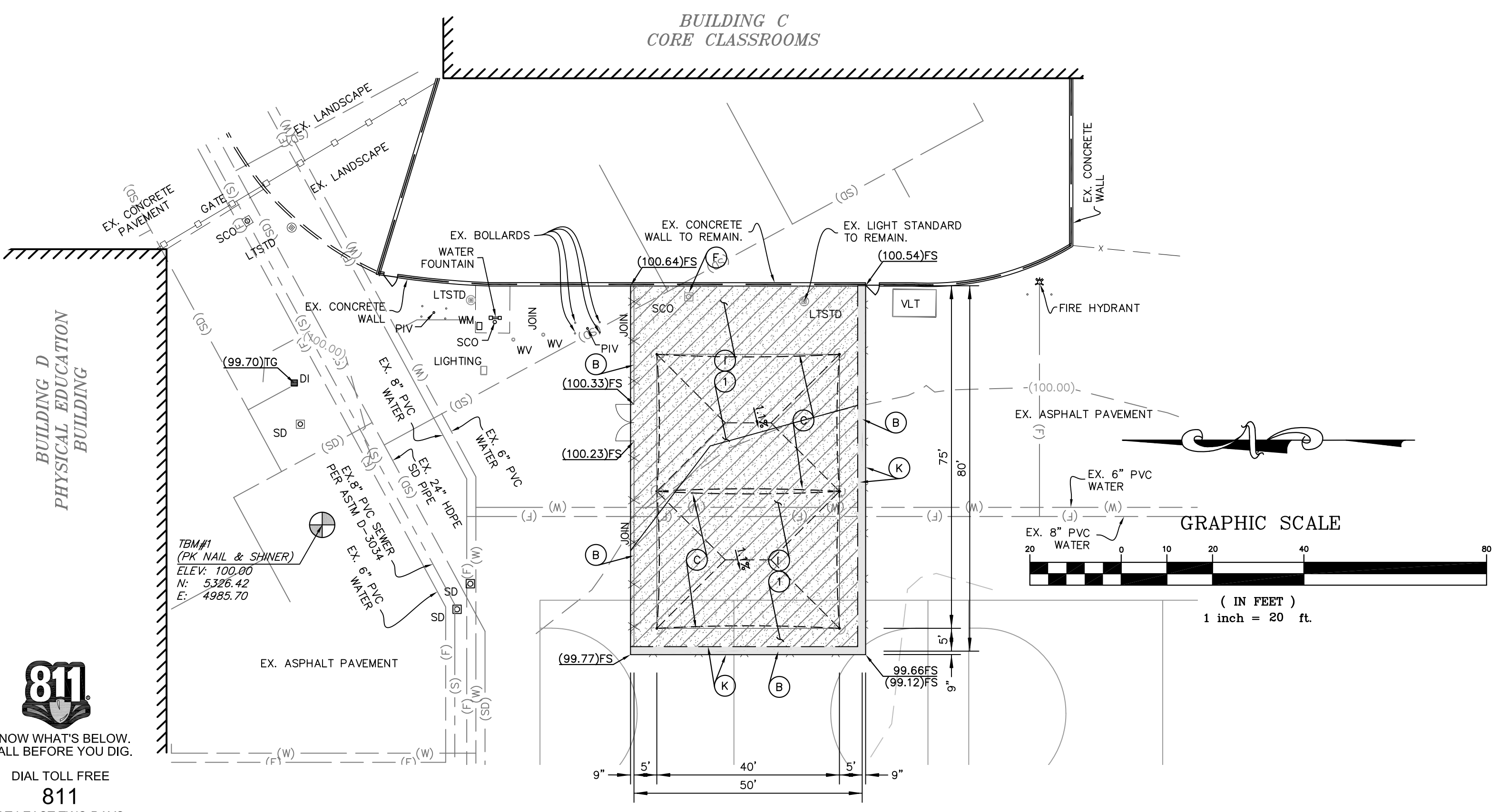
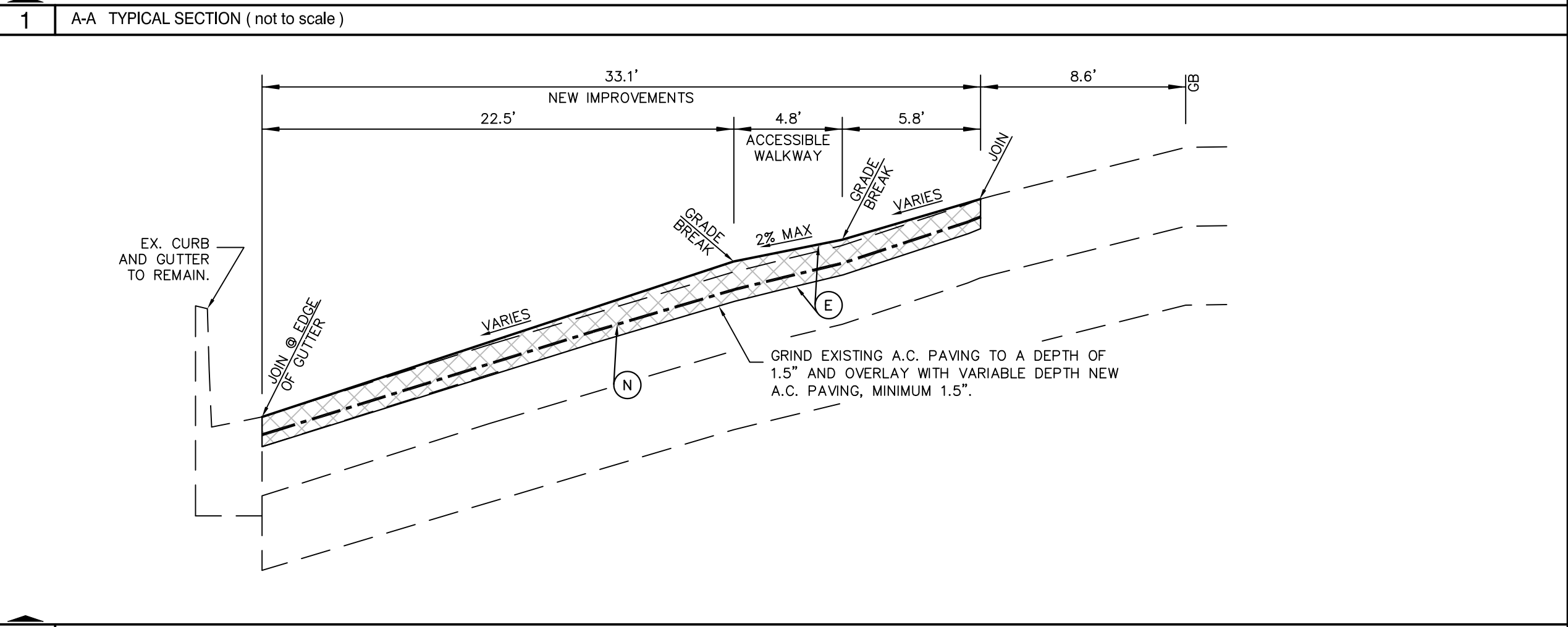
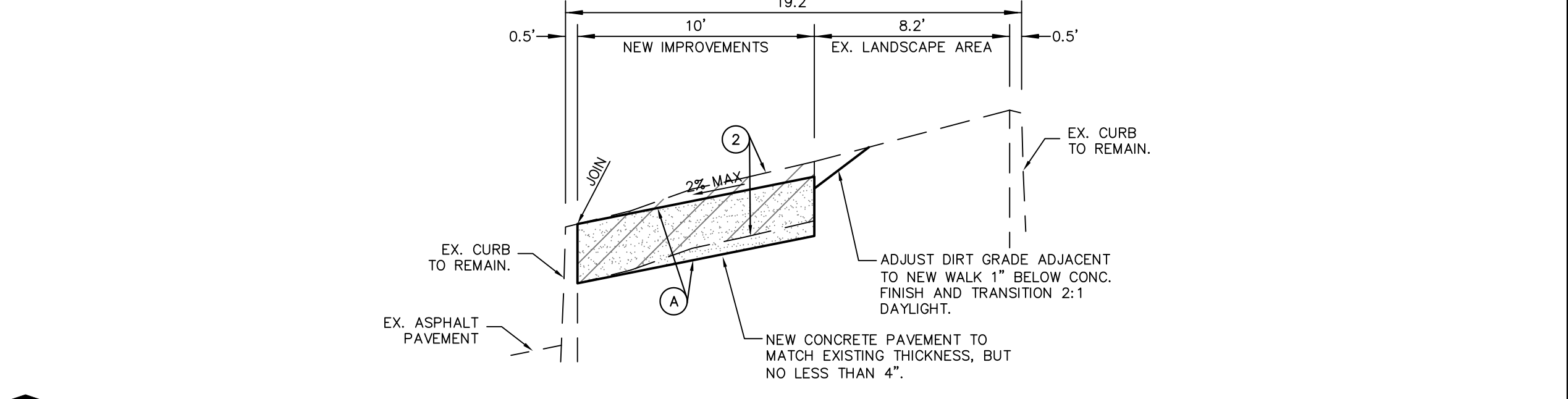
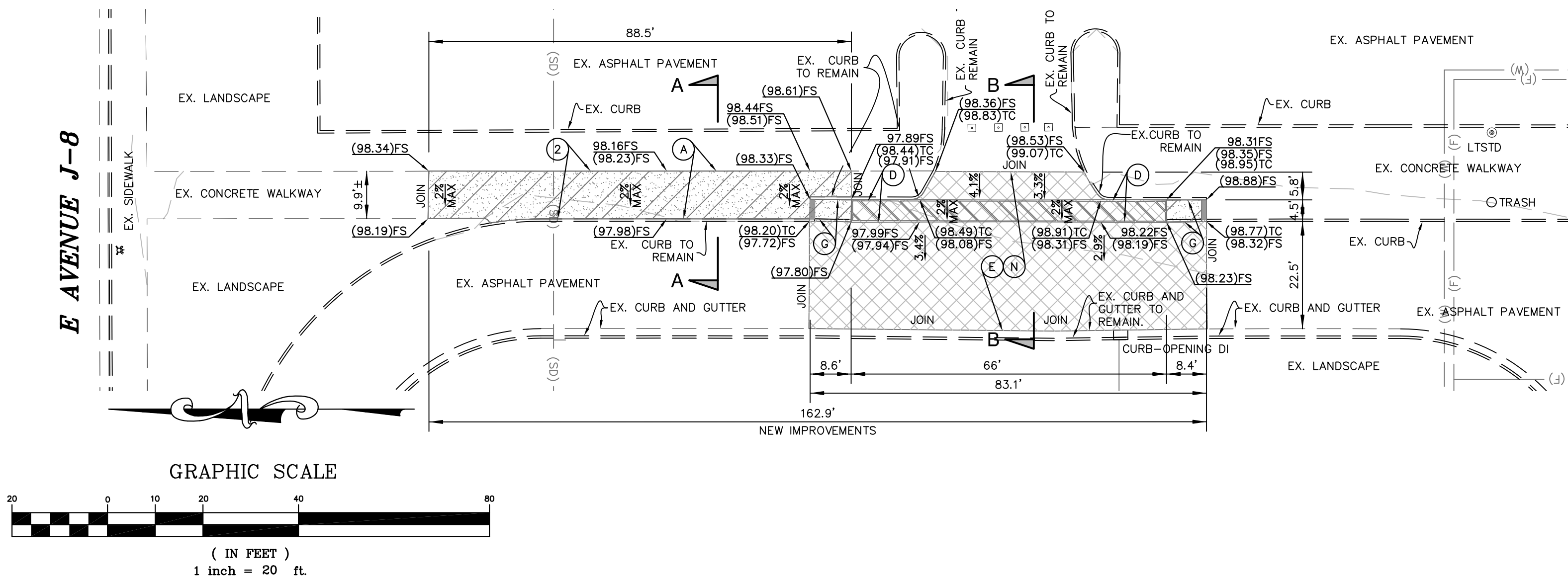
SHEET NAME: GRADING IMPROVEMENT PLAN

DATE: 03/18/2022

DRAWN: LM

JOB: JT2316

SHEET: C-1



- CONSTRUCTION KEY NOTES**
- A CONSTRUCT NEW 4" THICK P.C.C. (3000 PSI COMPRESSIVE STRENGTH) REINFORCED WITH #3 REBARS AT 18" ON CENTER BOTH WAYS, PLACED ON MIN. 12" THICK SUBGRADE SOIL COMPACTED TO MINIMUM 90% OF THE MAXIMUM DENSITY PER ASTM D1557.
 - B NEW CHAIN LINK FENCE PER ARCHITECTURAL PLANS.
 - C NEW SHADE STRUCTURE PER ARCHITECTURAL PLANS.
 - D INSTALL MINIMUM 4" WIDE, BLUE-PAINTED, CONTINUOUS STRIPE AT MAXIMUM 36" ON CENTER, AT 45-DEGREE ANGLE TO THE DIRECTION OF TRAVEL AS SHOWN. PAINT SHALL BE SPECIFICALLY FORMULATED FOR USE AS PAVEMENT MARKING.
 - E GRIND EXISTING A.C. PAVING TO A DEPTH OF 1.5" AND OVERLAY WITH VARIABLE DEPTH NEW A.C. PAVING, MINIMUM 1.5", TO THE ELEVATIONS AND PER TYPICAL SECTION SHOWN.
 - F ADJUST EXISTING UTILITIES TO NEW GRADE.
 - G CONSTRUCT CONCRETE CURB RAMP PER ARCHITECTURAL PLANS.
 - H NOT USED
- CONSTRUCTION KEY NOTES (CONTINUED)**
- I CONSTRUCT NEW 5" THICK P.C.C. (3000 PSI COMPRESSIVE STRENGTH) REINFORCED WITH #3 REBAR AT 18" ON CENTER BOTH WAYS, PLACED ON MIN. 12" THICK SUBGRADE SOIL COMPACTED TO MINIMUM 90% OF THE MAXIMUM DENSITY PER ASTM D1557.
 - J NOT USED
 - K CONSTRUCT THICKENED CONCRETE PAVEMENT EDGE PER DETAIL 4.
 - L NOT USED
 - M NOT USED
 - N FURNISH AND INSTALL ENGINEERED, REINFORCING, FIBERGLASS POLYESTER PAVING MAT, TENSAR PG100 OR PG25 OR APPROVED EQUAL IN ACCORDANCE WITH PRODUCT MANUFACTURER STANDARDS AND SPECIFICATIONS.
- DEMOLITION KEY NOTES**
- 1 SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT AND BASE.
 - 2 SAWCUT AND REMOVE EXISTING CONCRETE WALK.

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STATE OF CALIFORNIA

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NEW SHADE STRUCTURE AND A.D.A.
PATH-OF-TRAVEL MITIGATION
EASTSIDE HIGH SCHOOL
3200 E AVENUE J-8
LANCASTER, CA 93535

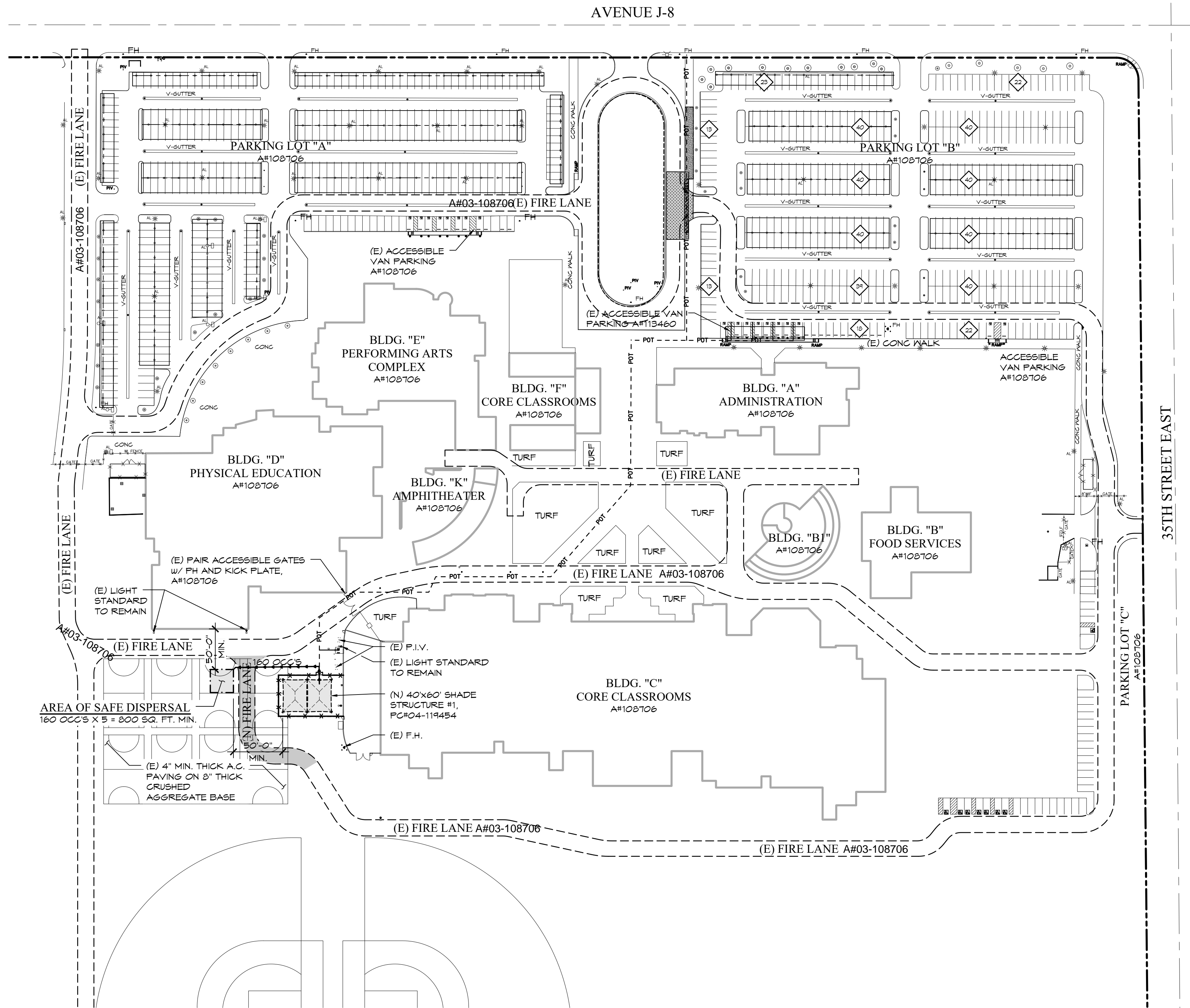
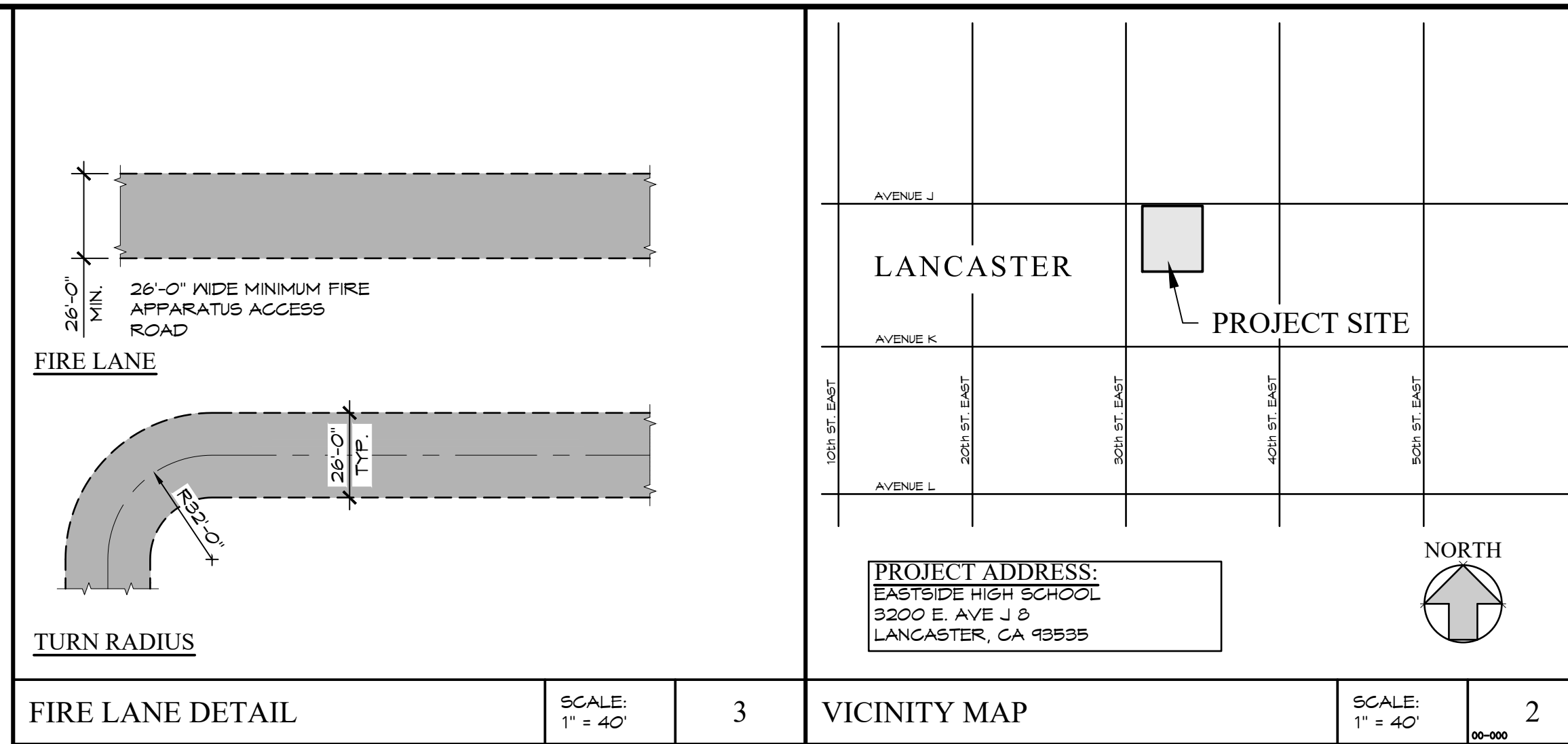
PROJECT: NEW SHADE STRUCTURE AND A.D.A.
PATH-OF-TRAVEL MITIGATION
EASTSIDE HIGH SCHOOL
3200 E AVENUE J-8
LANCASTER, CA 93535

SHEET NAME: GRADING IMPROVEMENT PLAN

DATE: 03/18/2022
DRAWN: LM
JOB: JT2316
SHEET: C-2

C-2

BID SET



810

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

Division of the State Architect (DSA) documents referenced within this publication are available on the [DSA Forms](#) or [DSA Publications](#) webpages.

To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new building(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply.

Information associated with compliance items 1 through 3 below is to be provided for all project types indicated above. Information associated with items 4 through 7 is to be completed when an alternate means is utilized. Acknowledgement by the school district and signature from the Local Fire Authority (LFA) is only required when an alternate design means is being requested.

The Project Information and Fire & Life Safety Information sections are to be completed for all projects and imaged onto the fire access site plan. When an alternate design/means is proposed, all sections on pages 1 and 2 are to be completed and imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and DSA Policy *PL 09-01: Fire Flow for Buildings*.

PROJECT INFORMATION

School District/Owner: ANTELOPE VALLEY UNION HIGH SCHOOL DISTRICT

Project Name/School: EASTSIDE HIGH SCHOOL

Project Address: 3200 E Ave J 8, Lancaster, CA 93535

FIRE & LIFE SAFETY INFORMATION

- | | | | |
|----|--|-----------------------------------|--|
| 1. | Has a fire hydrant flow test been performed within the past 12 months?
<i>(If yes, provide a copy of the test data.)</i> | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 2. | Was the fire hydrant water flow test performed as part of this LFA review? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 3. | Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal-Fire? <i>(If yes, indicate FHSZ classification below.)</i> | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| | Refer to the following website for FHSZ locations:
http://egis.fire.ca.gov/FHSZ/ | Moderate <input type="checkbox"/> | High <input type="checkbox"/> Very High <input type="checkbox"/> |
| | Wildland Interface Area (WIFA) <i>(If any designations are checked, project design must meet the requirements of CBC Chapter 7A.)</i> | | WIFA <input type="checkbox"/> |

DGS DSA 810 (revised 12/29/20) Page 1 of 4
 DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA

DSA 810
FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

CONDITION MEANS AND METHODS RESOLUTION		ALTERNATE ACCEPTED			
		Yes	No	N/A	N/R
4.	Emergency vehicle access roadways do not meet CFC requirements.				
4a.	Acceptable Alternate: Emergency vehicle and personnel access as proposed by the project architect is acceptable for providing fire suppression and protection of life and property.				
5.	Fire Hydrants: Number and spacing does not meet CFC requirements.				
5a.	Acceptable Alternate: Number of fire hydrants and spacing as proposed by the project architect is acceptable for fire suppression and protection of life and property.				
6.	Fire Hydrants: Water flow and pressure are less than CFC minimum.				
6a.	Acceptable Alternate: The available flow and pressure is acceptable for providing fire suppression and protection of life and property.				
7.	Location of fire department connection(s) serving fire sprinkler systems or standpipe systems does not meet CFC requirements.				
7a.	Acceptable Alternate: The location of fire department connection serving the fire sprinkler system and/or standpipe system is acceptable for providing fire suppression and protection of life and property.				

School District Acceptance of Acceptable Design Alternates

By signing this form, the school district acknowledges and accepts the proposed design as an alternative to California Building Code (CBC) and California Fire Code (CFC) minimum requirements, as indicated by one or more of the conditions indicated at items 4a, 5a, 6a or 7a, for providing fire and life safety protection of life and property.

Accepted by: _____ Title: _____

Signature: _____ Date: _____

LOCAL FIRE AUTHORITY (LFA) INFORMATION

LFA Agency Name:			
LFA Review Official:			
Title:		Work Phone:	
Work Email:			

LFA Reviewer's Signature: _____ Date: _____

DGS DSA 810 (revised 12/29/20) Page 2 of 4
 DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122130 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 02/28/2023

REVISIONS	BY



ENGINEER

ARCHITECT



F. NEW SHADE STRUCTURE AND RELATED SITE WORK
AT EASTSIDE HIGH SCHOOL

3200 E AVE J 8, LANCASTER, CA 93535

LOCAL FIRE AUTHORITY REVIEW

DATE: September 2022

DRAWN:

JOB: INT01 04/

SHEET: _____

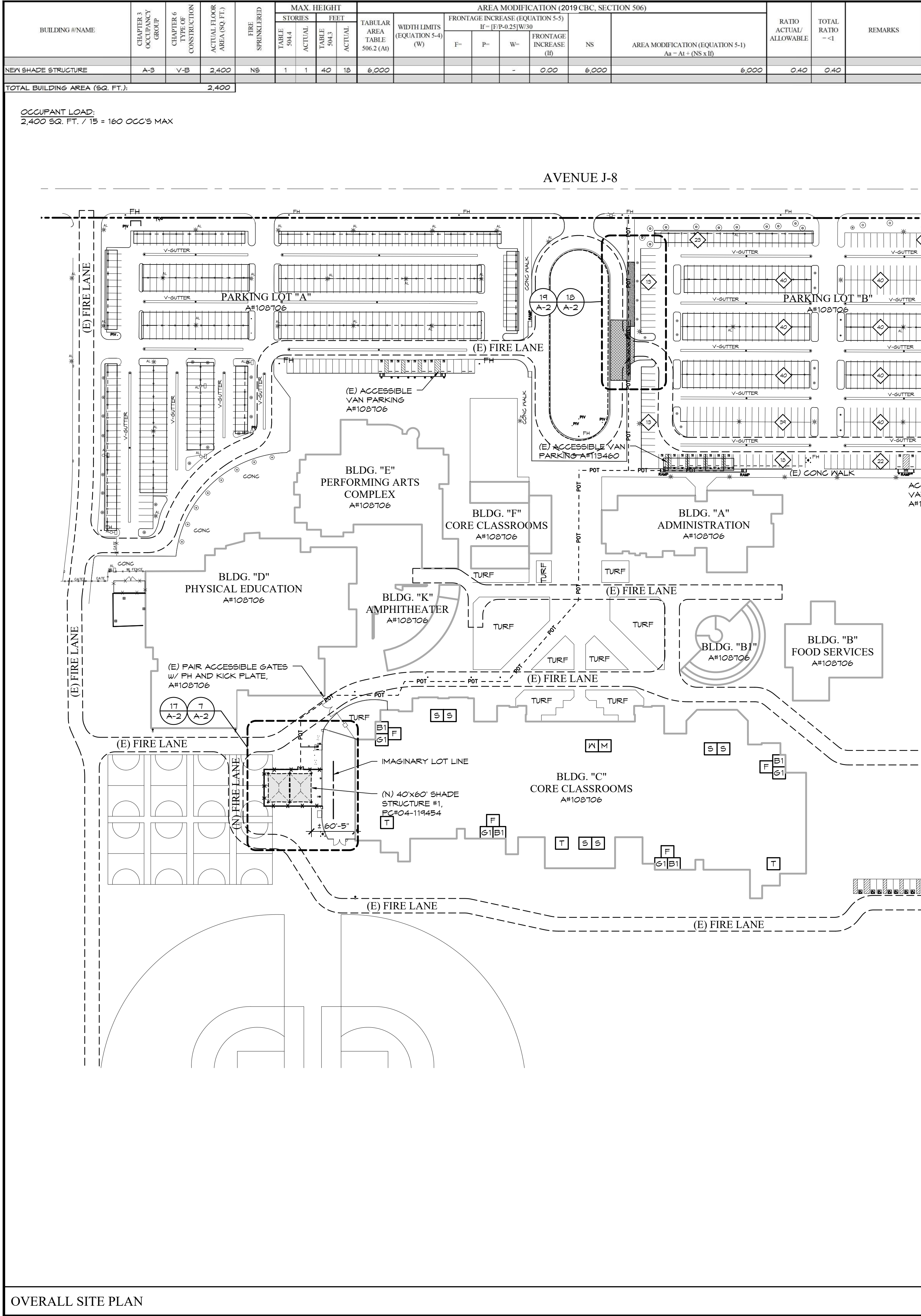
A0.1

BID SET

THESE DOCUMENTS AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF A PROFESSIONAL SERVICE, ARE THE SOLE PROPERTY OF FRICK, FRICK 1 JETTE ARCHITECTS, INC. AND ARE NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY PROJECT WITHOUT THE EXPRESS WRITTEN AUTHORIZATION OF FRICK, FRICK 1 JETTE ARCHITECTS, INC.

Z:\NANTELOPE VALLEY\ANT21-01 - S.S.B. - 1 VARIOUS SITES\ANT21-01B - EASTSIDE HS\ARCH\A-1 OVERALL SITE PLAN.DWG

SHEET SIZE: ARCH D (24"x36")
PLOT DATE: 9/16/2022 4:03 PM



OVERALL SITE PLAN

SCALE:
1" = 80'

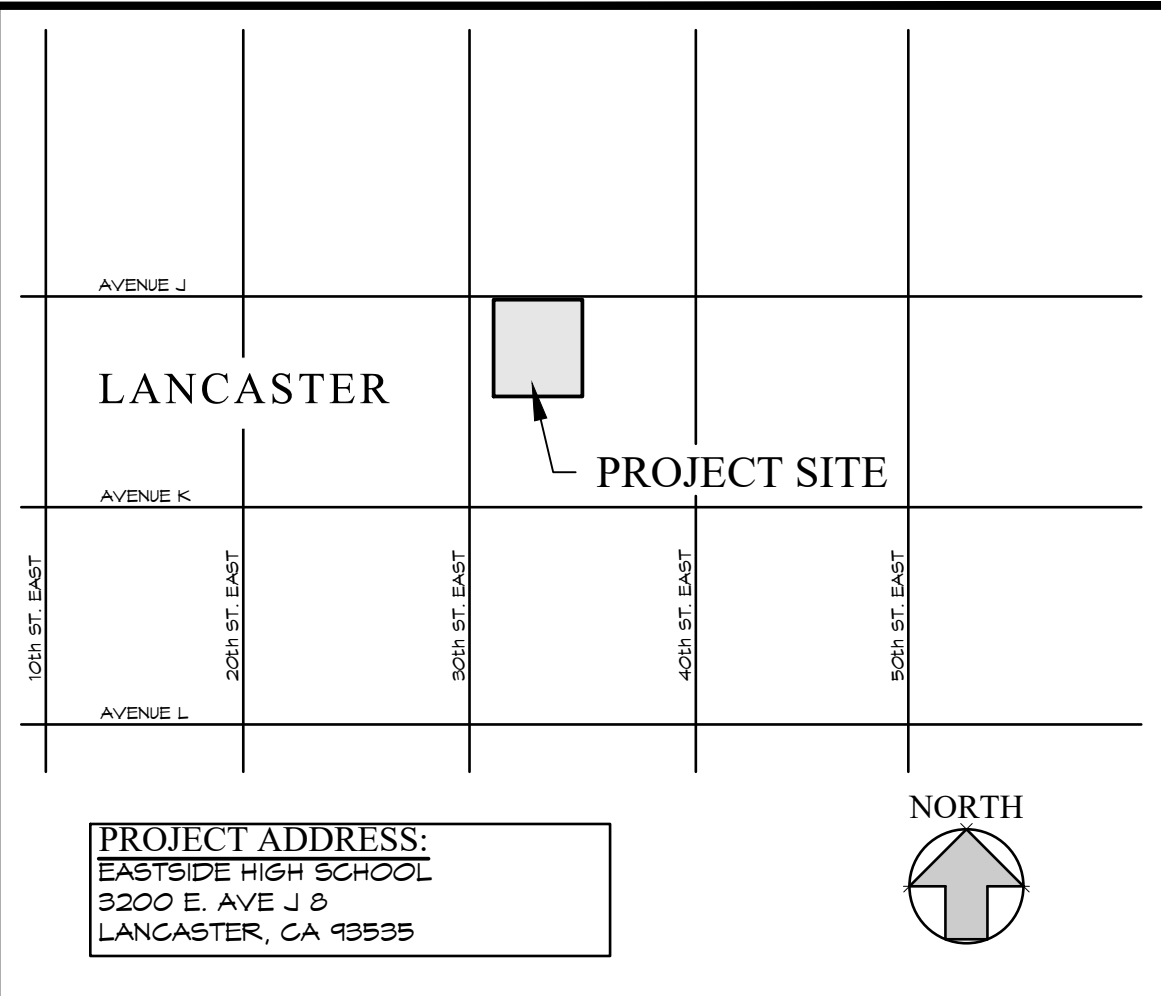
1



RESTROOM LEGEND	
B	BOYS' RESTROOM (ELEMENTARY)
B1	BOYS' RESTROOM (ADULT)
G	GIRLS' RESTROOM (ELEMENTARY)
G1	GIRLS' RESTROOM (ADULT)
M	MEN'S RESTROOM
M	WOMEN'S RESTROOM
T	STAFF TOILET (UNISEX)
S	STUDENT TOILET (UNISEX)
F	DUAL-HEIGHT DRINKING FOUNTAIN

NOTE:

----- POT ----- POT ----- POT -----
"ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER-FREE ACCESS ROUTE WITHOUT ABRUPT LEVEL CHANGES EXCEEDING 1/8" IF BEVELED AT 1:2 MAXIMUM SLOPE OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAXIMUM AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM, AND SLIP-RESISTANT. CROSS-SLOPE SHALL NOT BE STEEPER THAN 1:20. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM AND FREE OF OBJECTS PROTRUDING MORE THAN 4" FROM THE WALL, ABOVE 27" AND LESS THAN 80" ABOVE THE FLOOR. ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL."



VICINITY MAP

1. "DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT: THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS, AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS. DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT."
2. ALL ITEMS ARE EXISTING (E) UNLESS NOTED NEW (N).
3. GRATINGS LOCATED IN THE SURFACE OF THE PEDESTRIAN WAY, IN THE PATH OF TRAVEL, GRID/OPENINGS IN GRATINGS SHALL BE LIMITED TO 1/2" MAX. IN THE DIRECTION OF TRAFFIC FLOW. GRATES TO BE MODIFIED IF REQUIRED.
4. REMOVE ALL GATE SIGNS THAT READ "LOCK".

SITE PLAN NOTES

PARKING LOT #B		
	REQUIRED	PROVIDED
# OF STANDARD PARKING SPACES:		421
# OF ACCESSIBLE SPACES:	4	4
OF THOSE, # OF VAN PARKING:	2	2
TOTAL PARKING SPACES:		430

PARKING COUNT

EASTSIDE HIGH SCHOOL A#S			
A#	PTN	PROJECT DESCRIPTION	CERTIFICATION STATUS
03-108277	64246-28	CONSTRUCTION OF SITE WORK FOR FUTURE RELOCATABLE BLDG/S	#1-CERTIFICATION & CLOSE OF FILE
03-108706	64246-36	CONSTRUCTION OF ADMIN BLDG(A);FOOD SERVICE BLDG(B);LUNCH SHELTER /KIOSK(B1);2 KIOSKS(B2,B3);3 OR BLDG(S);FE BLDG(D);LOCKER/SHOWER BLDG(I);PERFORM. ARTS BLDG(E);4 FINE ARTS BLDGS(F);MAINT. BLDG(G);ENTRY CANOPY(J);AMPHITHEATRE(K);MECH/ELECT/TRASH ENCLOSURES;2 BASEBALL DUGOUTS;4 HANDBALL COURTS;SITE WORK	#2-CERTIFICATION & CLOSE OF FILE PER EDU CODE 17315(B) OR 81147(B)
03-108942	64246-39	CONSTRUCTION OF 29 RELOCATABLE C.R. BLDG/S FROM PC; SHADE STRUCTURE; LUNCH SHELTER; COVERED WALKWAY; ALTERATION TO 48 RELOCATABLE C.R. BLDGS FROM STOCKPILE	#1-CERTIFICATION & CLOSE OF FILE
03-110406	64246-45	CONSTRUCTION OF SITE WORK FOR FUTURE INTERIM PORTABLE BUILDINGS	VOID/CANCELLED
03-112229	64246-39	RELOCATION OF 1-ADMIN/HEALTH BLDG (A# 03-108942, RELOCATABLE), 1-SANITARY BLDG (A# 03-108942, RELOCATABLE), 6-STAFF OFFICE BLDG (A# 03-108942, RELOCATABLES), 1-STAFF OFFICE BLDG (STOCKPILE 04-104169, RELOCATABLE)	#5-RESOLUTION OF CERTIFICATION
03-114849	64246-62	ALTERATIONS TO 1-BLEACHERS AND STADIUM LIGHTING; INCLUDING 1 SCORE BOARD; P/A SYSTEM AND EMERGENCY ENGRESS	#1-CERTIFICATION & CLOSE OF FILE
03-116501	64246-75	CONSTRUCTION OF 1-NEW 12FT. HIGH MONOPOLE FOR VERIZON WIRELESS	DSA 301P NOTIFICATION OF REQUIREMENT FOR CERTIFICATION
03-119550	64246-87	ALTERATIONS TO 1-BUILDING "C" (A#03-108706)	

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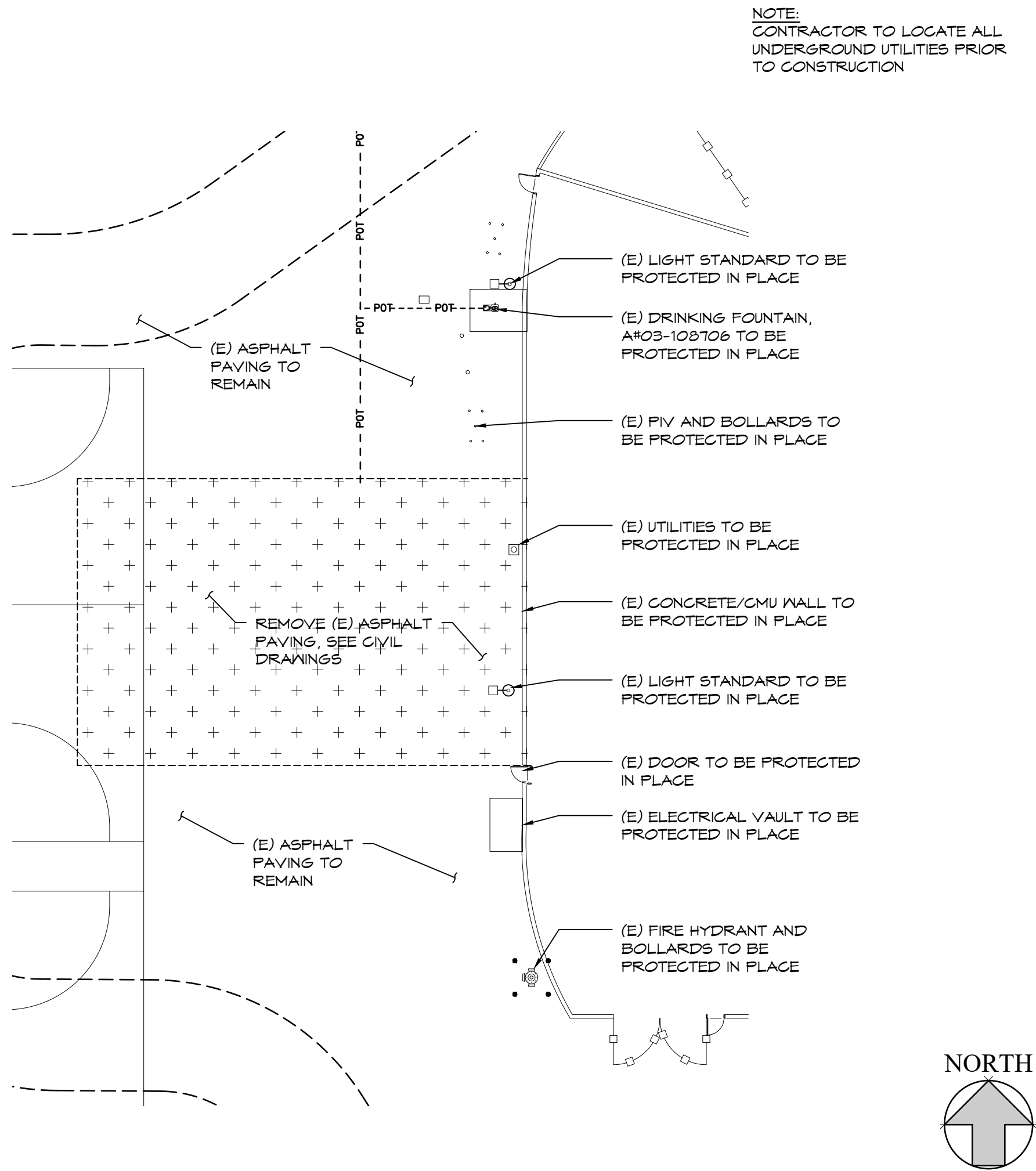
ENGINEER

ARCHITECT
LICENSED ARCHITECT
STATE OF CALIFORNIA
NO. 0-27546
REN. 6-2023

PROJECT:
NEW SHADE STRUCTURE AND RELATED SITE WORK
AT EASTSIDE HIGH SCHOOL
3200 E AVE J S, LANCASTER, CA 93535
SHEET NAME:
OVERALL SITE PLAN

DATE: September, 2022
DRAWN:
JOB: ANT21-01b
SHEET: A-1

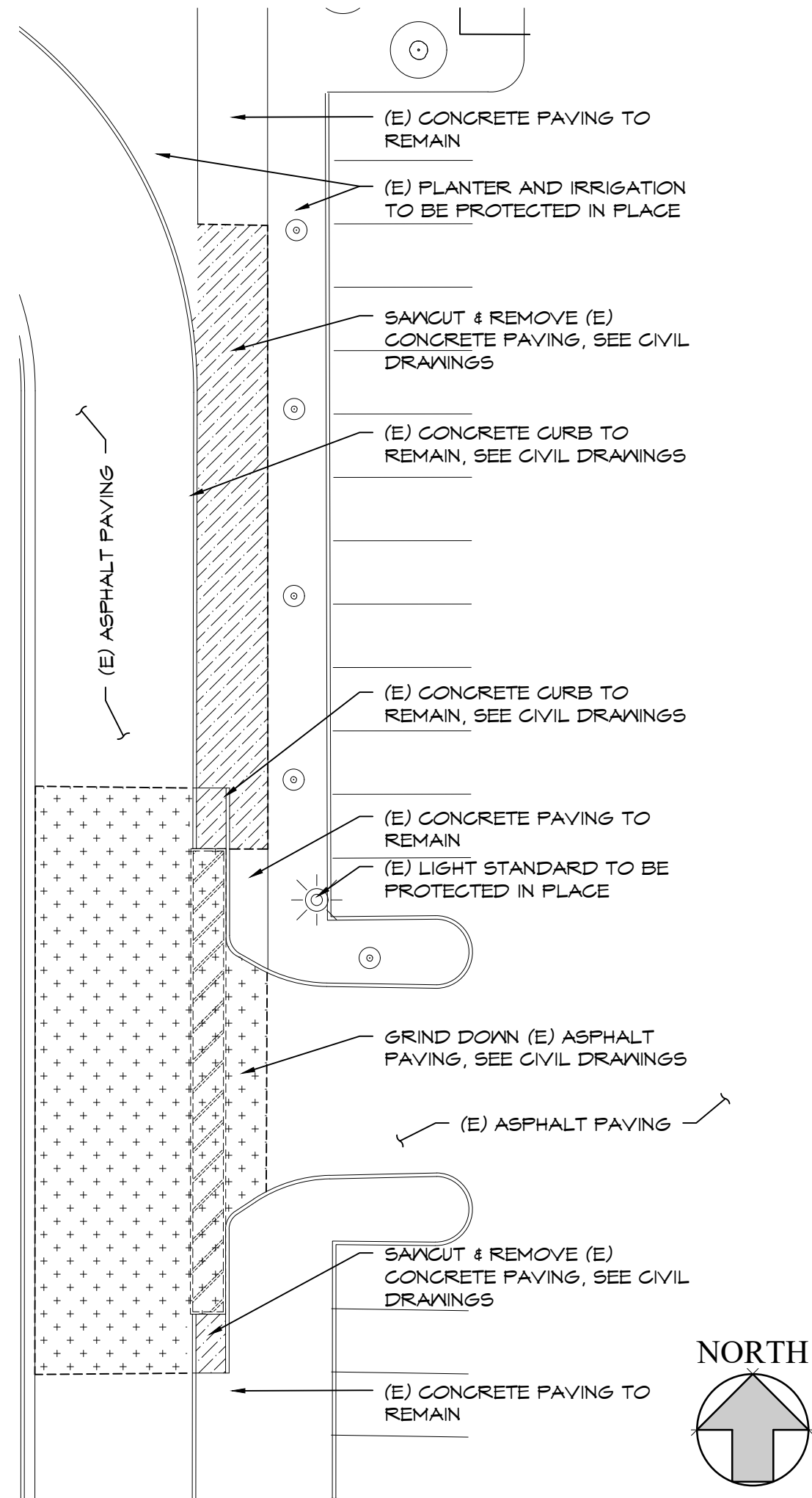
SHEET SIZE: ARCH D (24"x36")
PLOT DATE: 9/16/2022 4:03 PM



ENLARGED DEMO SITE PLAN

SCALE:
1" = 20'

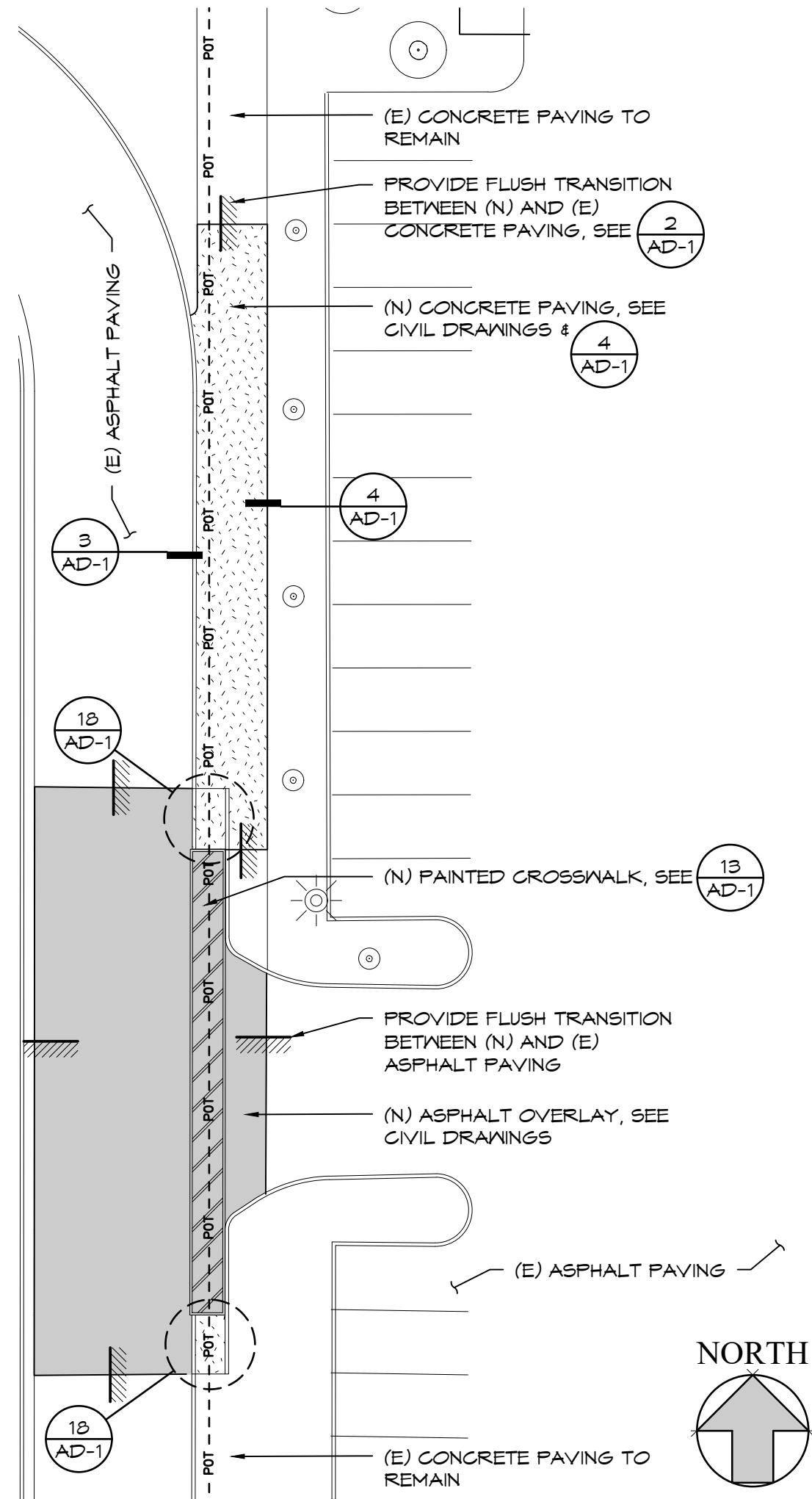
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ENLARGED DEMO WALKWAY PLAN

SCALE:
1" = 20'

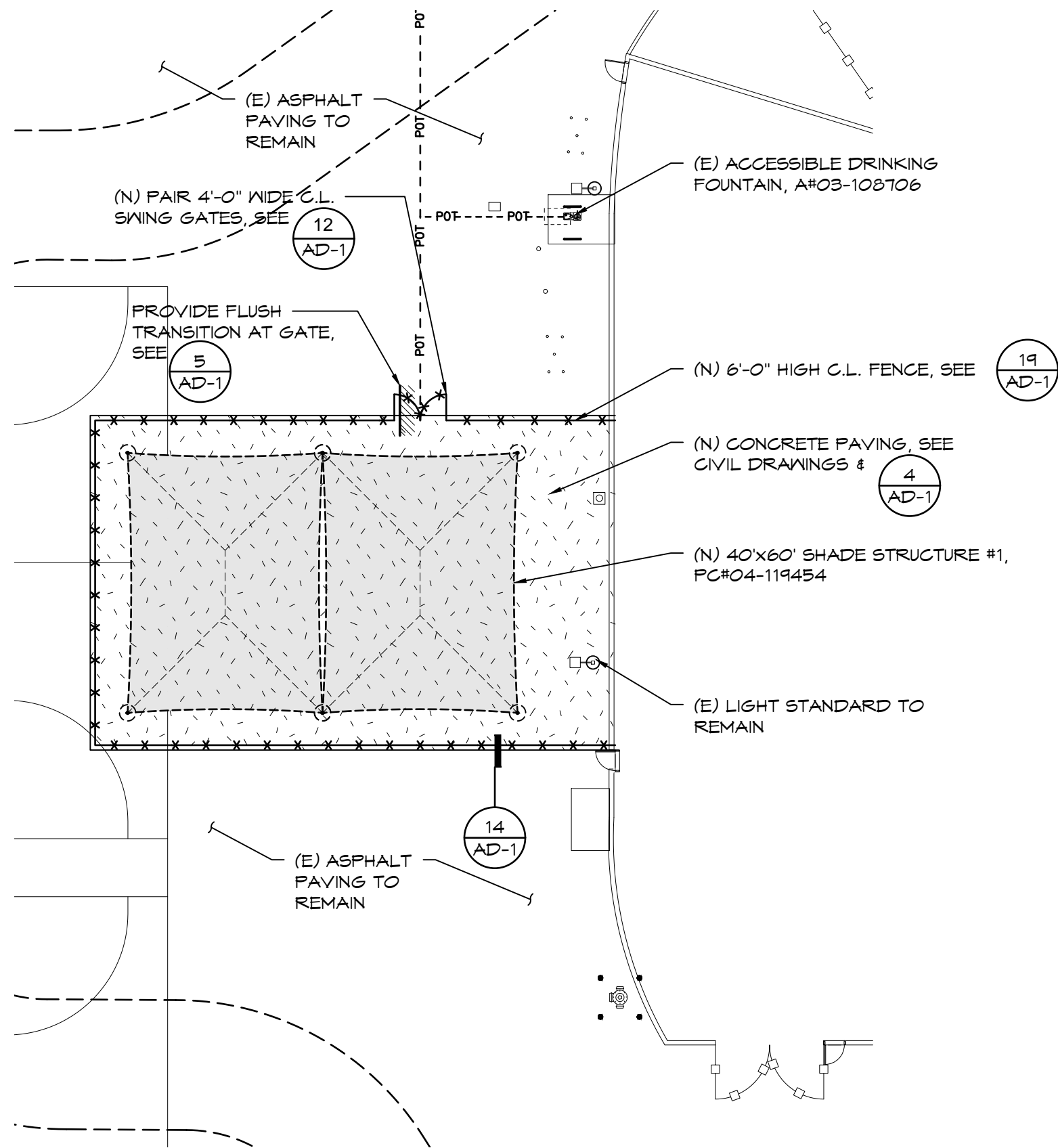
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ENLARGED NEW WALKWAY PLAN

SCALE:
1" = 20'

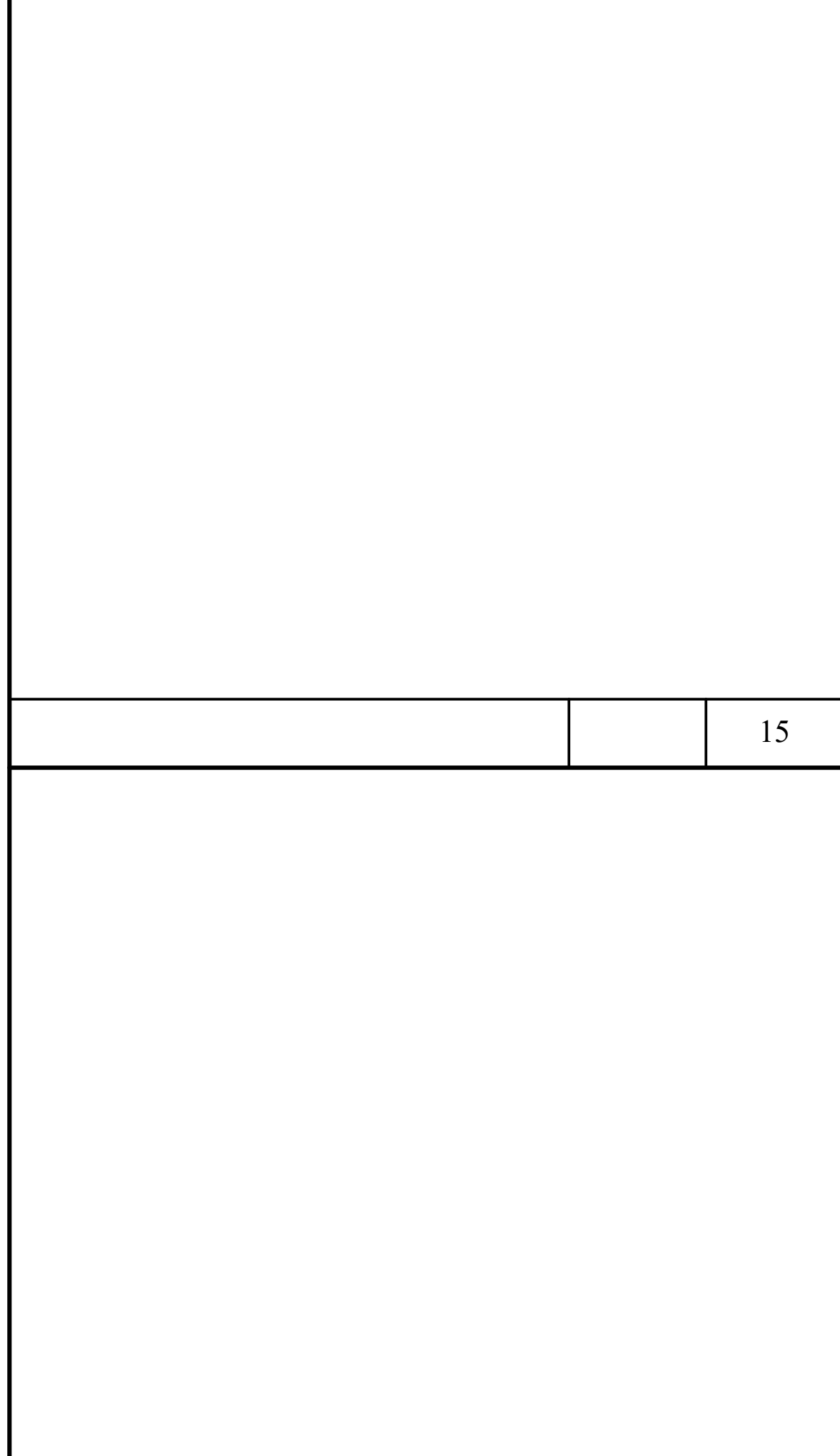
19



ENLARGED NEW SITE PLAN

SCALE:
1" = 20'

17



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APP: 03-122130 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 02/28/2023

REVISIONS	BY

FF&J
Frick, Frick & Jetté Architects
19153 Town Center Dr., Suite 101
Apple Valley, CA 92308
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PROJECT:
NEW SHADE STRUCTURE AND RELATED SITE WORK
AT EASTSIDE HIGH SCHOOL
3200 E AVE J B, LANCASTER, CA 93535

SHEET NAME:
ENLARGED SITE PLAN

DATE: September, 2022
DRAWN:
JOB: ANT21-01b
SHEET:

A-2

BID SET

Z:\ANTELOPE VALLEY\ANT21-01 - S.S. - 1 VARIOUS SITES\ANT21-01B - EASTSIDE HS\ARCH-A-2 ENLARGED SITE PLAN.DWG

THESE DOCUMENTS AND THE IDEAS AND DESIGNS INCORPORATED THEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, ARE THE SOLE PROPERTY OF FRICK, FRICK & JETTÉ ARCHITECTS, INC. AND ARE NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY PROJECT WITHOUT THE EXPRESS WRITTEN AUTHORIZATION OF FRICK, FRICK & JETTÉ ARCHITECTS, INC.

SHEET SIZE: ARCH D (24"x36")
PLOT DATE: 6/22/2022 9:35 AM

Z:\ANTELOPE VALLEY\ANT21-01 - SSS - 7 VARIOUS SITES\ANT21-01C - HIGHLAND HS ARCH\CS COVER SHEET.DWG

GENERAL	
1. DIMENSIONS ARE FROM FACE OF WALL OR CENTER LINE OF COLUMNS, MULLIONS & STUDS UNLESS OTHERWISE NOTED.	
2. EQUIPMENT SHOWN DOTTED IS NOT IN THIS CONTRACT.	
3. THE CONTRACTOR SHALL REVIEW THE PLANS AND SITE AND COORDINATE ALL THE WORK REQUIRED FOR THE PROJECT.	
4. THE CONTRACTOR SHALL TAKE DUE NOTE THAT THE DRAWINGS IDENTIFIED AS ARCHITECTURAL, STRUCTURAL, ELECTRICAL, PLUMBING & MECHANICAL ARE FOR COORDINATION OF TRADES AND ARE NOT TO BE INTERPRETED AS EXCLUSIVE WORK ONLY. ALL TRADES ARE TO VERIFY WITH ALL DRAWINGS FOR ALL REQUIRED WORK.	
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ANY AND ALL EXISTING UTILITY LINES OR STRUCTURES WITHIN AND ADJACENT TO DEMOLITION OR CONSTRUCTION AREA, WHETHER SHOWN OR NOT SHOWN HEREIN.	
6. THE CONTRACTOR SHALL INSPECT EXISTING SITE CONDITIONS AND VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO ANY LAND DISTURBANCE. CONTRACTOR WILL BE RESPONSIBLE FOR DAMAGE TO ANY PUBLIC OR NON-PUBLIC UTILITY. THE CONTRACTOR SHALL REVIEW PLANS AS REQUIRED FOR COORDINATION OF THE NEW WORK WITH EXISTING CONDITIONS.	
7. THE CONTRACTOR SHALL OBTAIN ALL CLEARANCES REQUIRED FOR ALL WORK (DEMOLITION, RELOCATION AND NEW WORK) SUCH AS (BUT NOT LIMITED TO) REMOVAL OF STRUCTURES, TREES, TURF AREAS, NEEDS, CURBS, GUTTERS AND RELOCATION AND/OR REMOVAL OF EXISTING UTILITIES ON- AND OFF-SITE AS MAY BE REQUIRED.	
8. THE CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS AND LICENSES NECESSARY, INCLUDING UTILITY FEES. THE OWNER WILL REIMBURSE THE CONTRACTOR THE ACTUAL DOCUMENTED COST OF SUCH PERMITS, LICENSES AND FEES, WITH NO OVERHEAD OR PROFIT ADDED.	
9. THE CONTRACTOR SHALL LEAVE THE CONSTRUCTION AREAS CLEAN AND FREE OF ALL DEBRIS. ALL SUCH DEBRIS SHALL BE LEGALLY DISPOSED OF OFF-SITE BY THE GENERAL CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.	
10. DUST SHALL BE CONTROLLED AS REQUIRED BY LOS ANGELES COUNTY DUST CONTROL POLICIES.	
11. NO WORK WHATSOEVER SHALL BE STARTED WITHOUT FIRST NOTIFYING THE OWNER, AND ARCHITECT. REFER TO THE PROJECT MANUAL.	
12. UNLESS SPECIFIED ON THE STRUCTURAL / ARCHITECTURAL DRAWINGS, ANY ALTERATION OR MODIFICATIONS TO A STRUCTURAL ELEMENT BY CUTTING, DRILLING, BORING, BRACING, WELDING, ETC. SHALL HAVE WRITTEN APPROVAL BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO START OF WORK.	
13. ALL WORK SHALL CONFORM TO THE 2019 EDITION TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).	
14. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.	
DEMOLITION & PATCHING	
15. DEMOLITION INDICATED IS FOR THE CONVENIENCE OF THE CONTRACTOR AND MAY NOT INDICATE THE FULL EXTENT OF DEMOLITION REQUIRED FOR THE PERFORMANCE OF THE CONTRACT. CONTRACTOR SHALL VISIT THE SITE AND VERIFY THE SCOPE OF DEMOLITION WORK REQUIRED.	
16. PATCH AND REPAIR EXISTING SURFACES AS REQUIRED DUE TO DEMOLITION OR PERFORMANCE OF NEW CONSTRUCTION. ALL NEW	

WORK SHALL MATCH EXISTING IN KIND, QUALITY, AND FINISH, UNLESS NOTED OR SPECIFIED OTHERWISE.

NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.

E / LIFE SAFETY

ALL PENETRATIONS THROUGH FIRE RESISTIVE WALL OR FLOOR ASSEMBLIES SHALL BE PROTECTED BY AN APPROVED PENETRATION FIRESTOP SYSTEM INSTALLED AS TESTED IN ACCORDANCE WITH UBC STANDARD T-5 (ASTM E814)

CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS AND OBSERVE FIRE SAFETY REGULATIONS DURING CONSTRUCTION, ALTERATIONS, DEMOLITION AND ASBESTOS REMOVAL AS NOTED IN 2019 CFC, CHAPTER 33, & CBC, CHAPTER 33.

FIRE SAFETY DURING DEMOLITION AND CONSTRUCTION SHALL COMPLY WITH 2019 CFC, CHAPTER 33, & CBC, CHAPTER 33.

DIVISION OF THE STATE ARCHITECT

CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE BY AN ADDENDA OR CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1, T-24, C.G.R

A PROJECT INSPECTOR WITH A CLASS 2 CERTIFICATION FROM THE DIVISION OF THE STATE ARCHITECT, EMPLOYED BY THE SCHOOL DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT, SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, T-24 C.G.R.

A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.

THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION TO BE IN ACCORDANCE WITH TITLE 24, C.G.R. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISH WORK SHALL COMPLY WITH TITLE 24, C.G.R. A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-311(C), PART 1, TITLE 24, C.G.R).

WHenever DSA FINDS ANY CONSTRUCTION WORK IS BEING PERFORMED IN A MANNER CONTRARY TO THE PROVISIONS OF CALIFORNIA BUILDING CODE AND THAT WOULD COMPROMISE THE STRUCTURAL INTEGRITY OF THE BUILDING, THE DEPARTMENT OF GENERAL SERVICES, STATE OF CALIFORNIA, IS AUTHORIZED TO ISSUE A STOP WORK ORDER PER SECTION 4-334.1 CALIFORNIA ADMINISTRATIVE CODE (PART 1, TITLE 24, C.G.R.)

TITLE 24, PARTS 1-5 AND 9 MUST BE KEPT ON SITE DURING CONSTRUCTION.

ALL STRUCTURAL, ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING MATERIALS INSTALLATION TO COMPLY WITH APPLICABLE CODES, STANDARDS, AND MANUFACTURER'S RECOMMENDATIONS.

THE PROJECT INSPECTOR (PI) SHALL WITNESS AND VERIFY GROUNDING.



NEW SHADE STRUCTURE AND RELATED SITE WORK AT HIGHLAND HIGH SCHOOL

ANTELOPE VALLEY UNION HIGH SCHOOL DISTRICT

	DETAIL REFERENCE
	DETAIL REFERENCE
	SECTION REFERENCE
	SHEET NUMBER
	DOOR NUMBER OR TYPE.
	WINDOW NUMBER OR TYPE
	KEY NOTE NUMBER WHEN USED REFERS TO SAME SHEET UNLESS NOTED OTHERWISE
	DOOR SIGNAGE, SEE LEGEND OR FLOOR PLAN
	N.I.C. STANDARD CASEWORK #
	INTERIOR ELEVATION
	DETAIL REFERENCE
	SHEET NUMBER
	EQUIPMENT NUMBER OR TYPE.
	PARKING ZONE
	FLUSH TRANSITION
	DROP TRANSITION, SEE PLAN FOR DROP DEPTH
	REVISION NUMBER
	ROOM NAME
	ROOM NUMBER
	EXISTING CHAIN LINK FENCING
	NEW CHAIN LINK FENCING
	EXISTING TUBE STEEL FENCING
	NEW TUBE STEEL FENCING
	DEMO TUBE STEEL FENCING
	PATH OF TRAVEL

ABBREVIATIONS

A AB.....AGGREGATE BASE	G GA.....GAGE/GAUGE	P PL.....PLATE
ABV.....ABOVE	GALV.....GALVANIZE	POC.....POINT OF CONNECTION
ACC.....ACCESS	GC.....GENERAL CONTRACTOR	PLA.....PLANTER AREA
ADJ.....ADJUNCT	GLB.....GLASS LAM BEAM/GLASS BLOCK	PSI.....PRESSURE SENSITIVE INCH
A/C.....AIR CONDITIONING	GB.....GRADE BEAM/GRAB BAR	E.....PROPERTY LINE
AC.....ASPHALTIC CONCRETE	GYP BD.....GYPSUM WALL BOARD	(P).....PROPOSED
ALTE.....ALTER		PL.....PARKING HARDWARE
ALUM.....ALUMINUM		PVC.....POLYVINYL CHLORIDE (PIPE)
AB.....ANCHOR BOLT		
ANOD.....ANODIZED		
ARCH.....ARCHITECT		
B BM.....BENCHMARK / BEAM		
BTX.....BETWEEN		
BIT.....BITUMINOUS		
BKG.....BOOKING		
BD.....BOARD		
BLDG.....BUILDING		
C CAB.....CABINET		
CPT.....CARPET		
CAST.....CAST IRON		
CB.....CATCH BASIN		
CLG.....CEILING		
CT.....CENTERLINE		
CT.....CERAMIC TILE		
C.L.....CHAIN LINK		
CLR.....CLEAR		
COL.....COLUMN		
CMU.....CONCRETE MASONRY UNIT		
CONT.....CONTINUOUS		
CONJ.....CONJOINT		
C.C.R.....CA CODE OF REGULATIONS		
D DEMO.....DEMOLISH / DEMOLITION		
DA.....DIAMETER		
DWG.....DRAWING		
D.S.A.....DEPT. OF THE STATE ARCHITECT		
DF.....DRINKING FOUNTAIN/ DOUGLAS FIR		
E (E).....EXISTING		
ELEC.....ELECTRICAL		
ELEV.....ELEVATION		
EXT.....EXTERIOR		
EVWF.....ELECTRICALLY WELDED WIRE		
FABRIC.....FABRIC		
EJ.....EXPANSION JOINT		
EN.....END NAIL		
F FF.....FINISH FLOOR		
FA.....FIRE ALARM		
FRF.....FIBERGLASS REINFORCED		
PANELS		
FE.....FIRE EXTINGUISHER		
F.E.G.....FIRE EXTINGUISHER CABINET		
FMBS.....FLATHEAD MACHINE SCREW		
FMBS.....FLATHEAD WOOD SCREW		
FD.....FLOOR DRAIN		
FTS.....FOOTING		
FND.....FOUNDATION		
FUR/FURR.....FURRING		
FS.....FLOOR SINK / FINISH SURFACE		
I INT.....INTERIOR		
INV.....INVERT		
J JT.....JOINT		
JST.....JOIST		
K KIT.....KITCHEN		
L LB.....LAGBOLT		
LAM.....LAMINATED		
LAV.....LAVATORY		
LTL.....LINTEL		
M MB.....MACHINE BOLT		
MH.....MANHOLE		
MFR.....MANUFACTURER		
MAS.....MASONRY		
MO.....MASONRY OPENING		
MAX.....MAXIMUM		
MECH.....MECHANICAL		
MBR.....MEMBER		
MIN.....MINIMUM OR MINUTE		
MIS.....MISCELLANEOUS		
MOD.....MODULE (LAR)		
N NRC.....NOISE REDUCTION COEFFICIENT		
NOM.....NOMINAL		
NC.....NOT IN CONTRACT		
NTS.....NOT TO SCALE		
NO.....NUMBER		
NEA.....NEW		
O O/C.....ON CENTER		
OPP.....OPPOSITE		
OD.....OUTSIDE DIAMETER		
OHMB.....OVAL-HEAD MACHINE BOLT		
OHMS.....OVAL-HEAD WOOD SCREW		
OHMB.....OVAL-HEAD WOOD SCREW		
OFC.....OWNER FURNISHED CONTRACTOR		
INSTALLED		
R RPA.....RAISED PLANTER AREA		
RAD.....RADIUS		
REF.....REFRIGERATOR		
REG.....REGISTER		
RET.....RETURN		
RAG.....RETURN AIR GRILL		
REV.....REVISION		
RD.....ROOT DRAIN		
RM.....ROOM		
RO.....ROUGH OPENING		
S SCHED.....SCHEDULE		
SEC.....SECTION		
SHT.....SHEET		
SIM.....SIMILAR		
SPEC.....SPECIFICATION		
SQ.....SQUARE		
SS.....STAINLESS STEEL		
STD.....STANDARD		
STL.....STAIR		
STOR.....STORAGE		
SD.....STORM DRAIN		
STRUCT.....STRUCTURAL		
T TEL.....TELEPHONE		
TV.....TELEVISION		
TJ.....TOOL JOINT		
T&G.....TONGUE & GROOVE		
T.S.....TOP OF SHEATHING		
TS.....TUBE STEEL		
TYF.....TYPICAL		
U UC.....UNDERCUT		
UG.....UNDERGROUND		
UNO.....UNLESS NOTED OTHERWISE		
V VERT.....VERTICAL		
VGT.....VINYL COMPOSITION TILE		
W WC.....WATER CLOSET		
W.....WITH		
N/O.....WITHOUT		
W.....WROUGHT IRON		

SYMBOLS

TITLE 24

PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2020*
2019 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR*
2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR
(2018 INTERNATIONAL BUILDING CODE, VOL. 1 & 2, AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR
(2017 NATIONAL ELECTRICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR
(2018 IAPMO UNIFORM MECHANICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR
(2018 IAPMO UNIFORM PLUMBING CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 CCR
2019 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR
(2018 INTERNATIONAL FIRE CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA EXISTING BUILDING CODE (CEBG), PART 10, TITLE 24 CCR
(2018 INTERNATIONAL EXISTING BUILDING CODE AND 2019 CALIFORNIA AMENDMENTS)
2019 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 CCR
2019 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR
TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
2016 ASME A17.1/CSA B44-13 SAFETY CODE FOR ELEVATORS AND ESCALATORS (FER 2019 CBC PART 2 CH 35)
NOTE: CAL/OSHA ELEVATOR UNIT ENFORCES CCR TITLE 8 AND USES THE 2004 ASME A17.1 BY ADOPTION

APPLICABLE NFPA STD. (PARTIAL LIST)

PARTIAL LIST OF APPLICABLE STANDARDS
NFPA 13 - STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS (CA AMENDED).....2016 EDITION
NFPA 14 - STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS (CA AMENDED).....2016 EDITION
NFPA 17 - STANDARD FOR DRY CHEMICAL EXTINGUISHING SYSTEMS.....2011 EDITION
NFPA 17A - STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS.....2011 EDITION
NFPA 20 - STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION.....2016 EDITION
NFPA 22 - STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION.....2015 EDITION
NFPA 24 - STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES (CA AMENDED).....2016 EDITION
NFPA 72 - NATIONAL FIRE ALARM AND SIGNALING CODE (CA AMENDED).....2016 EDITION
NFPA 80 - STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES.....2016 EDITION
NFPA 2001 - STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS (CA AMENDED).....2015 EDITION
UL 300 - STANDARD FOR FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR PROTECTION OF COMMERCIAL COOKING EQUIPMENT.....2009 (R2010)
UL 464 - AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES.....2003 EDITION
UL 521 - STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS.....2003 EDITION
UL 1971 - STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED.....2002 (R2010)
ICC 300 - STANDARD FOR BLEACHERS, FOLDING AND TELESCOPIC SEATING, AND GRANDSTANDS.....2011 EDITION

FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2019 CBC (SFM) CHAPTER 35 AND CALIFORNIA FIRE CODE CHAPTER 80.

SEE CALIFORNIA BUILDING CODE CHAPTER 35 FOR STATE OF CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS.

*ALL PARTS OF THE 2019 CALIFORNIA BUILDING CODE BECOME EFFECTIVE JANUARY 1, 2020 EXCEPT THE EFFECTIVE DATE FOR THE USE OF THE 2019 BUILDING ENERGY EFFICIENCY STANDARDS (TITLE 24, PART 1, CHAPTER 10) IS JANUARY 8, 2019 AND THE EFFECTIVE DATE FOR THE USE OF THE CALIFORNIA ADMINISTRATIVE CODE (TITLE 24, PART 1, CHAPTER 4) IS JANUARY 8, 2019.

CODE REFERENCES

SITE DEMOLITION INCLUDES:
DEMO OF EXISTING ASPHALT AND CONCRETE PAVING.

NEW SITE WORK INCLUDES:
NEW ASPHALT AND CONCRETE PAVING FOR PATH OF TRAVEL UPGRADES.
NEW CHAIN LINK FENCING AND ACCESSIBLE GATES.

NEW BUILDING: 'S.S.#1', TYPE AND SQUARE FOOTAGE:
NEW 40'X60' SHADE STRUCTURE.

FUNDING SOURCE:
ESSER II AND ESSER III

ACCESSIBLE PATH OF TRAVEL UPGRADES:
IN COMPLIANCE WITH 2019 CBC 11B-202.4 EXCEPTION #8- THE ADJUSTED CONSTRUCTION COST \$168,000 IS LESS THAN THE 2022 VALUATION THRESHOLD (\$186,172).

THE FOLLOWING ACCESSIBLE ELEMENTS (CIRCLED) ARE PROVIDED WITHOUT EXCEEDING 20%:
1. ACCESSIBLE ENTRANCE
2. ACCESSIBLE ROUTE SERVING AREA OF ALTERATION
3. ACCESSIBLE TOILET(S)
4. ACCESSIBLE TELEPHONES
5. ACCESSIBLE H2/O DRINKING FOUNTAIN
6. ACCESSIBLE PARKING

OTHER EXISTING ACCESSIBLE ELEMENTS UNDER PRIOR CERTIFIED PROJECTS INCLUDE:
ACCESSIBLE PARKING, #A03-113440

SCOPE OF WORK

SHEET INDEX	
SHEET NUMBER	SHEET TITLE
GENERAL	
CS	COVER SHEET
CIVIL	
C-1	SITE DEMOLITION PLAN
C-2	GRADING IMPROVEMENT PLAN
ARCHITECTURAL	
AO.1	LOCAL FIRE AUTHORITY
A-1	OVERALL SITE PLAN
A-2	ENLARGED SITE PLAN
AD-1	DETAILS
SHADE STRUCTURE	
P.C. T-1.0	P.C. TITLE SHEET
P.C. T-2.0	DSA 103 SAMPLE FORM
P.C. T-2.1	DSA 103 SAMPLE FORM
24.1-1000	PRODUCT INFORMATION
24.2-1001	DETAILS
24.3-2000	REACTIONS

TOTAL SHEETS: 13

Statement of General Conformance
FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS, INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS

(Application No. 03-122268 File No. 19-H2)

☒ The drawings or sheets listed on the cover or index sheet FOR SHADE STRUCTURE intent, and
☐ This drawing, page of specifications/calculations

have been prepared by other design professionals or consultants who are licensed and/or authorized to prepare such drawings in this state. It has been examined by me for:

- 1) design intent and appears to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications prepared by me, and
- 2) coordination with my plans and specifications and is acceptable for incorporation into the construction of this project.

The Statement of General Conformance "shall not be construed as relieving me of my rights, duties, and responsibilities under Sections 17302 and 81138 of the Education Code and Sections 4-336, 4-341 and 4-344" of Title 24, Part 1. (Title 24, Part 1, Section 4-317 [b])

I find that:	<input checked="" type="checkbox"/> All drawings or sheets listed on the cover or index sheet FOR SHADE STRUCTURE intent, and <input type="checkbox"/> This drawing or page
<input checked="" type="checkbox"/> I am in general conformance with the project design intent, and <input checked="" type="checkbox"/> I have coordinated with the project plans and specifications.	<input type="checkbox"/> I am in general conformance with the project design intent, and <input type="checkbox"/> I have coordinated with the project plans and specifications.
Signature:	Date: 06/22/2022
Architect or Engineer designated to be in general responsible charge	Architect or Engineer delegated responsibility for this portion of the work
GINO C. BASTIANON	
Print Name	Print Name
C-27564	6/23
License Number	Expiration Date
License Number	Expiration Date

SHEET INDEX

PROJECT ADDRESS:
HIGHLAND HIGH SCHOOL
34055 25TH ST N,
PALMDALE, CA 93551

PROJECT OWNER:
ANTELOPE VALLEY UNION HIGH SCHOOL DISTRICT
44481 NORTH SIERRA HIGHWAY
LANCASTER, CA 93534
(661) 952-2287
CONTACT:
MAT HAVENS

PROJECT ARCHITECT:
FF&J ARCHITECTS INC.
19153 TOWN CENTER DR., SUITE 101
APPLE VALLEY, CA 92308
(760) 240-6211
PROJECT MANAGER:
RICK SIMPER
ARCHITECT OF RECORD:
GINO BASTIANON

CIVIL:
JT ENGINEERING
39336 N. AGUA DULCE CYN. RD. #103
AGUA DULCE, CA 91390
(661) 268-8899
CONTACT:
JOHN JACOB

PROJECT DIRECTORY

WIND RISK CATEGORY II		FLOOD DESIGN	
ASCET-16	95 MPH	1. FEMA FIRM PANEL #: 06031C0658F	
EXPOSURE FACTOR C		2. EFFECTIVE DATE: 9/26/2008	
		3. FLOOD ZONE: ZONE X	
SEISMIC RISK CATEGORY II		GEOTECH	
SITE CLASS		SITE IS NOT WITHIN A MAPPED LIQUEFACTION HAZARD ZONE	
S ₁	2.322		
S ₂	0.980		
S ₃	2.787		
S ₄	*NULL		
S ₅	1.858		
S ₆	*NULL		
S ₇	*NULL		
F ₁	1.2		
F ₂	*NULL		
CR ₁	0.070		
CR ₂	0.065		
PGA	0.999		
F _{0.4}	1.2		
PGA _{0.4}	1.199		
T ₁	12		
S _{0.2}	2.74		
S _{0.4}	3.119		
S _{0.6}	2.322		
S _{0.8}	1.191		
S _{1.0}	1.376		
S _{1.2}	0.980		
PGA _{0.2}	0.999		

*SEE SECTION 11.4.8

P.T.N: 64246-100

SITE SPECIFIC DESIGN CRITERIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122268 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 08/18/2022

REVISIONS	BY

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ENGINEER

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GINO C. BASTIANON
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APPLE VALLEY, CA 92308
REN. 6-2023

PROJECT:
NEW SHADE STRUCTURE AND RELATED SITE WORK
AT HIGHLAND HIGH SCHOOL
34055 25TH ST N, PALMDALE, CA 9

GENERAL GRADING NOTES

1. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO LISTED BUILDING CODES, ALL APPLICABLE STATE AND MUNICIPAL ORDINANCES, CONTRACT DOCUMENTS, SPECIFICATIONS AND ALL OTHER RULES AND REGULATIONS HAVING JURISDICTION OVER THIS PROJECT. IN THE EVENT THAT TWO OR MORE REGULATIONS CONFLICT, THE MORE RESTRICTIVE SHALL GOVERN.
2. THE CONTRACTOR AND ALL ITS SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR REVIEWING, UNDERSTANDING AND FOLLOWING ALL GENERAL NOTES THROUGHOUT THE PROJECT. ALL ITEMS STATED UNDER GENERAL NOTES ARE PART OF THE CONTRACT DOCUMENTS. CONTRACTOR IS RESPONSIBLE FOR INCLUDING AND TAKING INTO CONSIDERATION ALL GENERAL NOTES AND HOW IT AFFECTS THEIR CONSTRUCTION, SEQUENCING AND/OR BID. ANY QUESTIONS REGARDING GENERAL NOTES THROUGHOUT THE PROJECT SHALL BE ADDRESSED BY MEANS OF REQUEST FOR INFORMATION DURING THE BID PHASE. ANY ITEMS THAT HAVE NOT BEEN ACCOUNTED FOR AFTER AWARD OF BID THAT ARE STATED IN GENERAL NOTES, SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
3. DETAILS DESIGNATED AS TYPICAL ON DETAIL SHEETS ARE APPLICABLE THROUGHOUT PROJECT WHEREVER THE DESCRIBED CONDITION OCCURS AND MAY OR MAY NOT BE SPECIFICALLY REFERENCED ON ARCHITECTURAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THESE DETAILS AND UNDERSTANDING EXTENT OF THEIR APPLICATION PRIOR TO PERFORMING WORK.
4. DIMENSIONS: ALL DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE. ALL DIMENSIONS ARE TO FACE OF FINISH UNLESS NOTED OTHERWISE.
5. THE CONTRACTOR IS RESPONSIBLE FOR ALL EXISTING TO REMAIN EQUIPMENT, STRUCTURES, FINISHES, AND SERVICES WHICH MAY BE DISTURBED THROUGH CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL EXERCISE CARE TO PROTECT ANY EXISTING ITEMS THAT MAY BE DAMAGED THROUGH CONSTRUCTION ACTIVITIES. IF SUCH DOCUMENTS WERE DISTURBED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND RETURN THE DAMAGED OR DISTURBED ITEMS TO THEIR PREVIOUS CONDITION AT NO COST TO THE OWNER.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURATE PLACEMENT OF ALL NEW CONSTRUCTION ON THE SITE.
7. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS & SITE CONDITIONS BEFORE STARTING WORK. SHOULD A DISCREPANCY APPEAR IN THE CONTRACT DOCUMENTS OR BETWEEN THE CONTRACT DOCUMENTS & EXISTING CONDITIONS, NOTIFY THE ARCHITECT AT ONCE FOR INSTRUCTION ON HOW TO PROCEED.
8. THE CONTRACTOR SHALL CONFINE HIS OPERATION ON THE SITE TO AREAS PERMITTED BY OWNER.
9. THE JOBSITE SHALL BE MAINTAINED IN A CLEAN, ORDERLY CONDITION FREE OF DEBRIS AND LITTER AND SHALL NOT BE UNREASONABLY ENCLUMBERED WITH ANY MATERIALS OR EQUIPMENT. EACH SUBCONTRACTOR IMMEDIATELY UPON COMPLETION OF EACH PHASE OF HIS WORK SHALL REMOVE ALL TRASH AND DEBRIS AS A RESULT OF HIS OPERATION.
10. UPON COMPLETION OF EACH PHASE OF THE WORK AND AT SUCH TIMES AS DIRECTED BY THE OWNER, REMOVE ALL SURPLUS MATERIAL, TOOLS AND DEBRIS AND LEAVE THE SITE IN A CLEAN AND NEAT CONDITION.
11. THE CONTRACTOR SHALL DO ALL CUTTING, FITTING, OR PATCHING OF HIS WORK THAT MAY BE REQUIRED TO MAKE ITS SEVERAL PARTS FIT TOGETHER PROPERLY & SHALL NOT ENGAGE ANY OTHER WORK BY CUTTING, EXCAVATING, OR OTHERWISE ALTERING THE TOTAL WORK OR ANY PART OF IT. ALL PATCHING, REPAIRING AND REPLACING OF MATERIALS AND SURFACES, CUT OR DAMAGED IN EXECUTION OF WORK, SHALL BE DONE WITH APPLICABLE MATERIALS SO THAT SURFACES REPLACED WILL, UPON COMPLETION, MATCH SURROUNDING SIMILAR SURFACES.
12. WORK SHALL BE PERFORMED ACCORDING TO EDITION OF THE STANDARD SPECIFICATION AND PLANS FOR PUBLIC WORKS CONSTRUCTION (GREENBOOK AND S.P.P.W.C.), THE LATEST EDITION OF THE CALIFORNIA BUILDING CODE AND CITY CODE REQUIREMENTS.
13. NO WORK SHALL BE STARTED WITHOUT A PRE-CONSTRUCTION MEETING WITH THE OWNER AND INSPECTOR OF RECORD.
14. THE CONTRACTOR SHALL PROVIDE FOR CONTRIBUTORY DRAINAGE AT ALL TIMES AND TAKE ALL NECESSARY AND PROPER PRECAUTIONS TO PROTECT ADJACENT PROPERTIES AND IMPROVEMENTS FROM ANY AND ALL DAMAGE THAT MAY OCCUR FROM STORM WATER RUNOFF AND/OR DEPOSITION OF DEBRIS RESULTING FROM ANY AND ALL WORK.
15. NO REVISIONS SHALL BE MADE TO THESE PLANS WITHOUT THE APPROVAL OF THE CIVIL ENGINEER.
16. IMPORTANT NOTICE -- SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIG ALERT IDENTIFICATION NUMBER BE ISSUED BEFORE ANY "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIG ALERT I.D. NUMBER, CALL OR UNDERGROUND SERVICE ALERT TOLL FREE @ 1-800-422-4133, TWO WORKING DAYS BEFORE YOU DIG.
17. ANY IMPROVEMENT(S) TO BE CONSTRUCTED WITHIN PUBLIC RIGHT-OF-WAY WILL REQUIRE SEPARATE CONSTRUCTION PERMIT AND INSPECTION FROM THE GOVERNING AGENCY(IES). CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL APPLICABLE PERMITS AND PAYING ANY REQUIRED FEES.
18. FILLS SHALL BE COMPACTED THROUGHOUT TO AT LEAST 90% OF MAXIMUM DRY DENSITY AS DETERMINED BY A.S.T.M. SOIL COMPACTION TEST D 1557.
19. CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING ALL GRADE STAKES UNTIL AUTHORIZED BY SURVEYOR TO REMOVE.
20. CONTRACTOR SHALL RESTORE LIKE FOR LIKE, TO THE SATISFACTION OF THE OWNER/ARCHITECT, ALL AREAS DAMAGED OR DISTURBED AS A RESULT OF WORK PERFORMED PURSUANT TO THESE PLANS AT HIS/HERS OWN EXPENSE.
21. FIELD DENSITY MAY BE DETERMINED BY THE NUCLEAR DENSITY METHOD A.S.T.M. D2922 & D3017 PROVIDED NOT LESS THAN 10% OF THE REQUIRED DENSITY TESTS UNIFORMLY DISTRIBUTED ARE BY THE SAND-CONE METHOD. THE METHOD OF DETERMINING FIELD DENSITY AND LOCATION AND APPROXIMATE ELEVATION SHALL BE SHOWN IN THE COMPACTION REPORT. OTHER METHODS MAY BE USED IF RECOMMENDED BY THE SOILS ENGINEER AND APPROVED IN ADVANCE BY THE CITY ENGINEER.
22. CRUSHED AGGREGATE BASE MATERIAL SHALL CONFORM TO SUBSECTION 200-2.2 OF STANDARD SPECIFICATIONS AND SHALL BE COMPACTED TO 95% RELATIVE COMPACTION USING MECHANICAL COMPACTING EQUIPMENT.
23. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES WHETHER SHOWN OR NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR FURTHER ASSUMES ALL LIABILITY AND RESPONSIBILITY FOR THE UTILITY PIPES, CONDUITS, OR STRUCTURES SHOWN OR NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL PUBLIC AND PRIVATE PROPERTY INsofar AS IT MAY BE AFFECTED BY THESE OPERATIONS. ALL COSTS FOR PROTECTING, REMOVING, AND RESTORING EXISTING IMPROVEMENTS SHALL BE BORNE BY THE CONTRACTOR.
24. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE IN EFFECT AT ALL TIMES.
25. THE CONTRACTOR SHALL VERIFY ALL JOINT ELEVATIONS PRIOR TO THE REMOVAL OF PAVEMENT, CURB, GUTTER, SIDEWALK AND/OR SLOPE GRADING. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER OF RECORD PRIOR TO REMOVALS WITHIN THE AREA OF THE DISCREPANCIES.
26. DUST SHALL BE CONTROLLED BY WATERING TO THE SATISFACTION OF THE INSPECTOR.
27. WHERE THE IRRIGATION SYSTEM IN CONFLICT WITH NEW WORK NEEDS TO BE RELOCATED OR REPLACED, CONTRACTOR SHALL COORDINATE THE WATER SHUT OFF OR ANY ELECTRICAL RELATED WORK WITH OWNER 48 HOURS PRIOR COMMENCING THE WORK.

GENERAL GRADING NOTES

28. ALL EXPOSED P.C.C. CORNERS SHALL BE ROUNDED WITH 1/2" RADIUS.
29. ALL EXPORT OF MATERIAL FROM THE SITE MUST GO TO A PERMITTED SITE APPROVED BY THE BUILDING OFFICIAL OR A LEGAL DUMP SITE. RECEIPT FOR ACCEPTANCE OF EXCESS MATERIAL BY A DUMPSITE ARE REQUIRED AND MUST BE PROVIDED TO THE BUILDING OFFICIAL UPON REQUEST.
30. CONTRACTOR TO CALCULATE HIS/HER OWN EARTHWORK QUANTITIES FOR BIDDING PURPOSES.
31. FOR JOINTS AT NEW CURB AND SIDEWALK REFER TO S.P.P.W.C. STD. PLAN NO. 112-2.
32. IF WORK IS COMMENCED DURING RAINY SEASON, CONTRACTOR SHALL SATISFY CITY EROSION CONTROL REQUIREMENTS AND INSTALL APPROPRIATE BMP'S.

BEST MANAGEMENT PRACTICES (BMPs) FOR CONSTRUCTION ACTIVITIES

STORM WATER POLLUTION CONTROL REQUIREMENTS FOR CONSTRUCTION ACTIVITIES: MINIMUM WATER QUALITY PROTECTION REQUIREMENTS FOR ALL DEVELOPMENT CONSTRUCTION PROJECTS

THE FOLLOWING IS INTENDED AS MINIMUM NOTES OR AS AN ATTACHMENT FOR BUILDING AND GRADING PLANS AND REPRESENT THE MINIMUM STANDARDS OF GOOD HOUSEKEEPING THAT MUST BE IMPLEMENTED ON ALL CONSTRUCTION SITES REGARDLESS OF SIZE.

1. EVERY EFFORT SHALL BE MADE TO ELIMINATE THE DISCHARGE OF NON-STORMWATER FROM THE PROJECT SITE AT ALL TIMES.
2. ERODED SEDIMENTS AND OTHER POLLUTANTS SHALL BE RETAINED ON SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEETFLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES, OR WIND.
3. STOCKPILES OF EARTH AND OTHER CONSTRUCTION-RELATED MATERIALS SHALL BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.
4. FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS SHALL BE STORED IN ACCORDANCE WITH THEIR LISTING AND SHALL NOT CONTAMINATE THE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS SHALL BE PROTECTED FROM THE WEATHER. SPILLS SHALL BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS SHALL NOT BE WASHED INTO THE DRAINAGE SYSTEM.
5. EXCESS OR WASTE CONCRETE SHALL NOT BE WASHED INTO THE PUBLIC RIGHT-OF-WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.
6. TRASH AND CONSTRUCTION-RELATED SOLID WASTES SHALL BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.
7. SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS SHALL BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC RIGHT-OF-WAY. ACCIDENTAL DEPOSITIONS SHALL BE SWEEP UP IMMEDIATELY AND SHALL NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
8. ANY SLOPES WITH DISTURBED SOILS OR DENuded OF VEGETATION SHALL BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.
9. THE FOLLOWING BMP'S AS OUTLINED IN, BUT NOT LIMITED TO, THE "BEST MANAGEMENT PRACTICE HANDBOOK, CALIFORNIA STORMWATER QUALITY TASK FORCE, SACRAMENTO, CALIFORNIA", THE LATEST REVISED EDITION, MAY APPLY DURING THE CONSTRUCTION OF THIS PROJECT (ADDITIONAL MEASURES MAY BE REQUIRED IF DEEMED APPROPRIATE BY CITY INSPECTORS).

EROSION CONTROL

- EC1 - SCHEDULING
EC2 - PRESERVATION OF EXISTING VEGETATION
EC3 - HYDRAULIC MULCH
EC4 - HYDROSEEDING
EC5 - SOIL BINDERS
EC6 - STRAW MULCH
EC7 - GEOTEXTILES & MATS
EC8 - WOOD MULCHING
EC9 - EARTH DIKES AND DRAINAGE SWALES
EC10 - VELOCITY DISSIPATION DEVICES
EC11 - SLOPE DRAINS

TEMPORARY SEDIMENT CONTROL

- SE1 - SILT FENCE
SE2 - SEDIMENT BASIN
SE3 - SEDIMENT TRAP
SE4 - CHECK DAM
SE5 - FIBER ROLLS
SE6 - GRAVEL BAG BERM
SE7 - STREET SWEEPING AND VACUUMING
SE8 - SANDBAG BARRIER
SE9 - STRAW BALE BARRIER
SE10 - STORM DRAIN INLET PROTECTION

WIND EROSION CONTROL

- WE1 - WIND EROSION CONTROL

EQUIPMENT TRACKING CONTROL

- TC1 - STABILIZED CONSTRUCTION ENTRANCE/EXIT
TC2 - STABILIZED CONSTRUCTION ROADWAY

TC3 - ENTRANCE / OUTLET TIRE WASH

NON-STORMWATER MANAGEMENT

- NS1 - WATER CONSERVATION PRACTICES
NS2 - DEWATERING OPERATIONS
NS3 - PAVING AND GRINDING OPERATIONS
NS4 - TEMPORARY STREAM CROSSING
NS5 - CLEAR WATER DIVERSION
NS6 - ILLICIT CONNECTION / DISCHARGE
NS7 - POTABLE WATER / IRRIGATION
NS8 - VEHICLE AND EQUIPMENT CLEANING
NS9 - VEHICLE AND EQUIPMENT FUELING
NS10 - VEHICLE AND EQUIPMENT MAINTENANCE
NS11 - PILE DRIVING OPERATIONS
NS12 - CONCRETE CURING
NS13 - CONCRETE FINISHING
NS14 - MATERIAL AND EQUIPMENT USE
NS15 - DEMOLITION ADJACENT TO WATER
NS16 - TEMPORARY BATCH PLANTS



WASTE MANAGEMENT & MATERIAL POLLUTION CONTROL

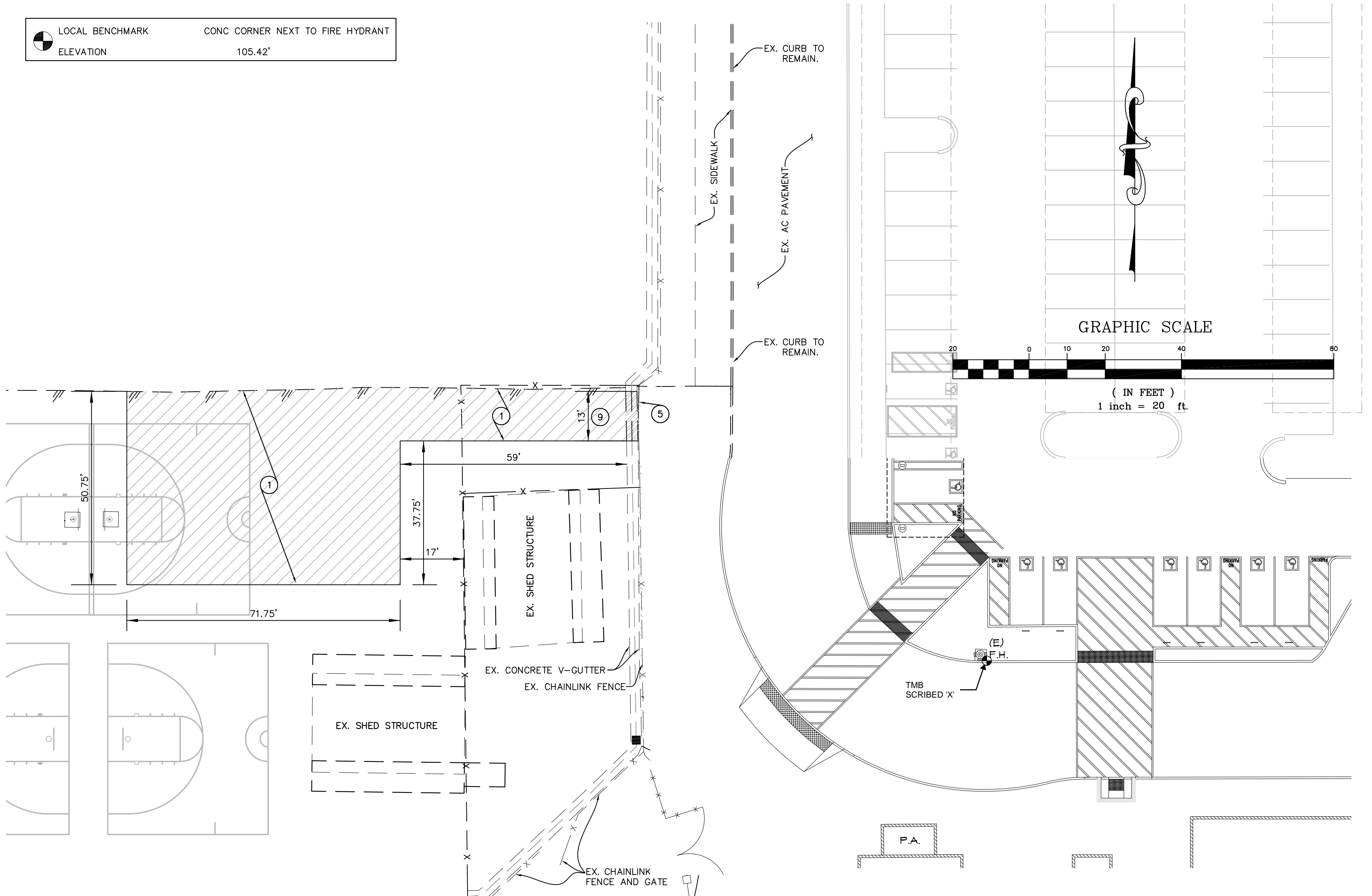
- WM1 - MATERIAL DELIVERY AND STORAGE
WM2 - MATERIAL USE
WM3 - STOCKPILE MANAGEMENT
WM4 - SPILL PREVENTION AND CONTROL
WM5 - SOLID WASTE MANAGEMENT
WM6 - HAZARDOUS WASTE MANAGEMENT
WM7 - CONTAMINATION SOIL MANAGEMENT
WM8 - CONCRETE WASTE MANAGEMENT
WM9 - SANITARY/SEPTIC WASTE MANAGEMENT
WM10 - LIQUID WASTE MANAGEMENT

KEY NOTES

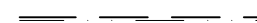


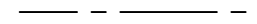

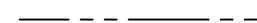
- 1 SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT AND BASE.
- 2 SAWCUT AND REMOVE EXISTING CONCRETE PAVEMENT.
- 3 NEW 5" THICK P.C.C. (3000 PSI COMPRESSIVE STRENGTH) REINFORCED WITH #3 REBARS AT 12" ON CENTER BOTH WAYS, PLACED ON MIN. 12" THICK SUBGRADE SOIL COMPACTED TO MIN. 90% OF THE MAXIMUM DENSITY PER ASTM D1557.
- 4 EXISTING UTILITIES TO REMAIN. PROTECT IN PLACE.
- 5 REMOVE EXISTING CHAINLINK FENCE AND POSTS.
- 6 INSTALL CHAINLINK FENCE PER ARCHITECTURAL DRAWINGS.
- 7 EXISTING BOLLARDS TO REMAIN. PROTECT IN PLACE.
- 8 SALVAGE AND DELIVER TO OWNER EXISTING BASKETBALL POLE AND HOOP. REMOVE AND DISPOSE OF CONCRETE FOOTING.
- 9 REMOVE PORTION OF EXISTING CONCRETE V-GUTTER.
- 10 CONSTRUCT CONCRETE CHANNEL TRANSITION, W=3' AND L=3'.
- 11 INSTALL TWO 3" CAST IRON PIPES UNDER SIDEWALK, MIN. 4" OF SEPARATION AND GORE THROUGH EXISTING CURB. SEE DETAIL 'A' AND 'B' FOR ADDITIONAL INFORMATION.
- 12 CONSTRUCT OPEN CONCRETE CHANNEL WITH 6" CURB. SEE DETAIL 'A' AND 'B' FOR ADDITIONAL INFORMATION.
- 13 GROUND MILL EXISTING A.G. PAVING WITHIN THE AREA SHOWN TO A DEPTH OF 1.5" AND CONSTRUCT NEW ASPHALT-CONCRETE PAVING OF VARIABLE THICKNESS, 1.5" MINIMUM, TO TRANSITION FROM NEW CONSTRUCTION TO JOIN EXISTING.

NOTE: DISPOSE OF ALL REMOVED MATERIALS AND CONSTRUCTION WASTE OFF-SITE AND IN ACCORDANCE WITH APPLICABLE LOCAL CODES.

	LOCAL BENCHMARK	CONC CORNER NEXT TO FIRE HYDRANT
	ELEVATION	105.42'



LEGEND (WHERE APPLICABLE)

XX.XX	EXISTING SPOT ELEVATION	AP	ANGLE POINT	P.A.	PLANTER AREA
	EX. CURB & GUTTER	BC	BEGINNING OF CURVE	POC	POINT ON CURVE
	CENTER LINE	BEG	BEGIN	POL	POINT ON LINE
	PROPERTY LINE	BLDG	BUILDING	PP	POWER POLE
	EX. SIGN	BW	BACK OF WALK	RPDA	REDUCE PRESSURE DETECTOR
	EX. STREET LIGHT	BX	BOTTOM OF X	RSD	RAISED
	TEMPORARY BENCHMARK	CL	CENTER LINE	RSR	RISE
		CC	CONCRETE CORNER	SCRL	SCORE LINE
		CE	CONCRETE EDGE	SDMH	STORM DRAIN MANHOLE
		CONC	CONCRETE	SGN	SIGN POST
		COR	CORNER	SMH	SEWER MANHOLE
		CRB DRN	CURB DRAIN	STRP	STRIPING
		DI	DROP INLET DRAIN	TC	TOP OF CURB
		EC	END OF CURVE	TCC	TOP OF CURB CORNER
		EG	EDGE OF GUTTER	TD	TRUNCATED DOMES
		ELEC	ELECTRICAL	TEL	TELEPHONE
		EP	EDGE OF PAVEMENT	TOE	TOE OF SLOPE
		EPB	ELECTRICAL PULL BOX	TOP	TOP OF SLOPE
		EX	EXISTING	TW	TOP OF WALL
		FCE	CHAINLINK FENCE	TX	TOP OF X
		FF	FINISH FLOOR	VL	VAULT
		FH	FIRE HYDRANT	WM	WATER METER
		FL	FLOW LINE	WV	WATER VALVE
		FW	FACE OF WALL	BRKN	BROKEN
		FS	FINISH SURFACE	PB	PULL BOX
		GB	GRADE BREAK		
		GS	GROUND SHOT		
		GV	GAS VALVE		
		HP	HIGH POINT		

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122268 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 08/18/2022

REVISIONS	BY

FF&J
Frick, Frick & Jette Architects
19153 Town Center Dr., Suite 101
Apple Valley, CA 92308
(760) 240-6311 • www.ffj-arch.com
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ENGINEER

PROFESSIONAL SEAL
JACKSON JACOB
Exp. 08-22
0022
STATE OF CALIFORNIA

ARCHITECT

PROFESSIONAL SEAL
C. BASTIEN
Exp. 06-23
0023
STATE OF CALIFORNIA

PROJECT: NEW SHADE STRUCTURE AND A.D.A. PATH-OF-TRAVEL MITIGATION HIGHLAND HIGH SCHOOL 39055 25TH STREET WEST PALMDALE, CA 93551

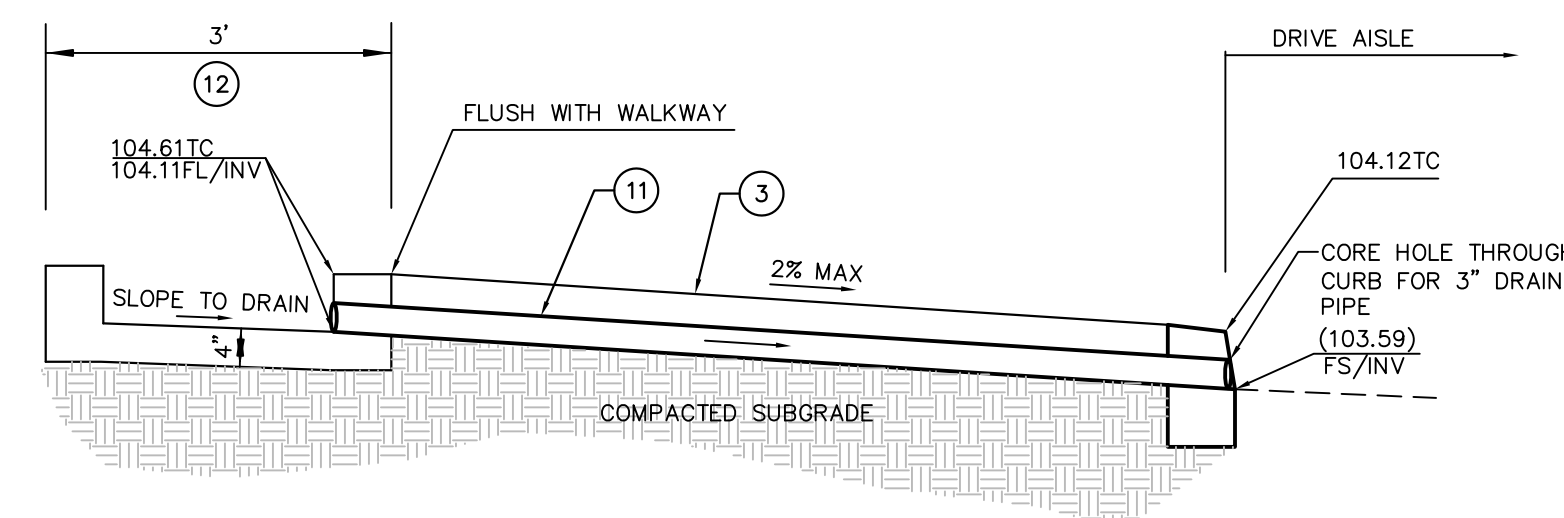
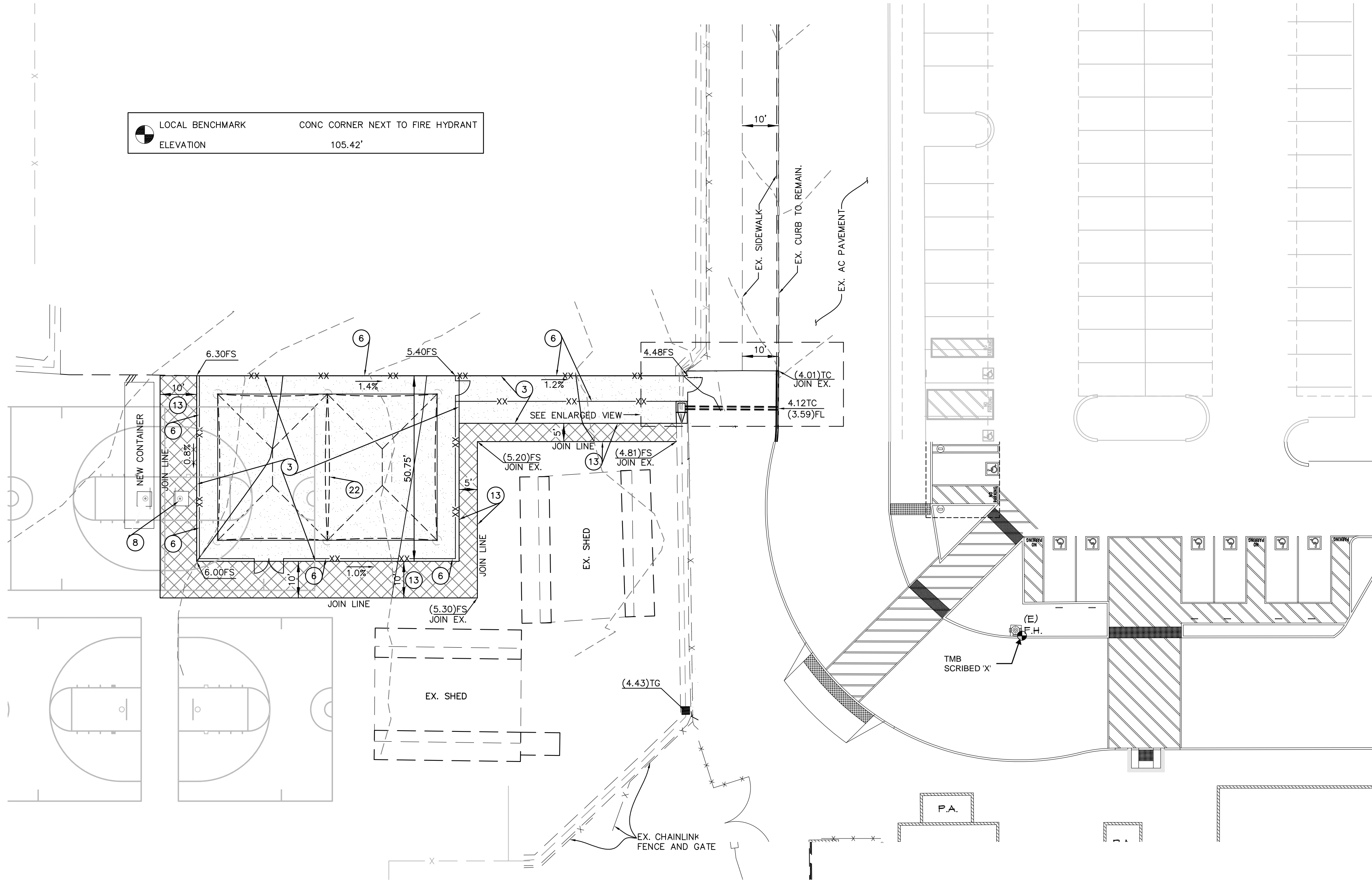
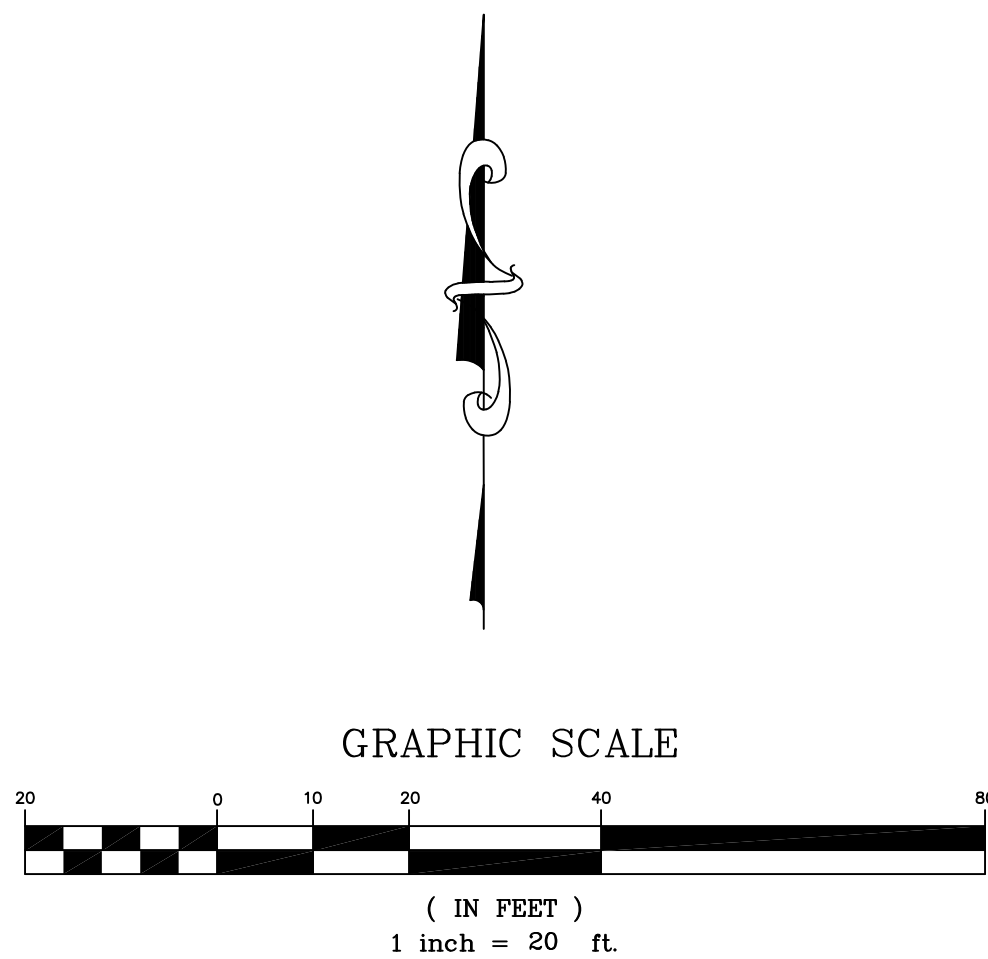
DATE:	04/18/2022
DRAWN:	RM
JOB:	2316
SHEET:	C-1

C-1

BID SET

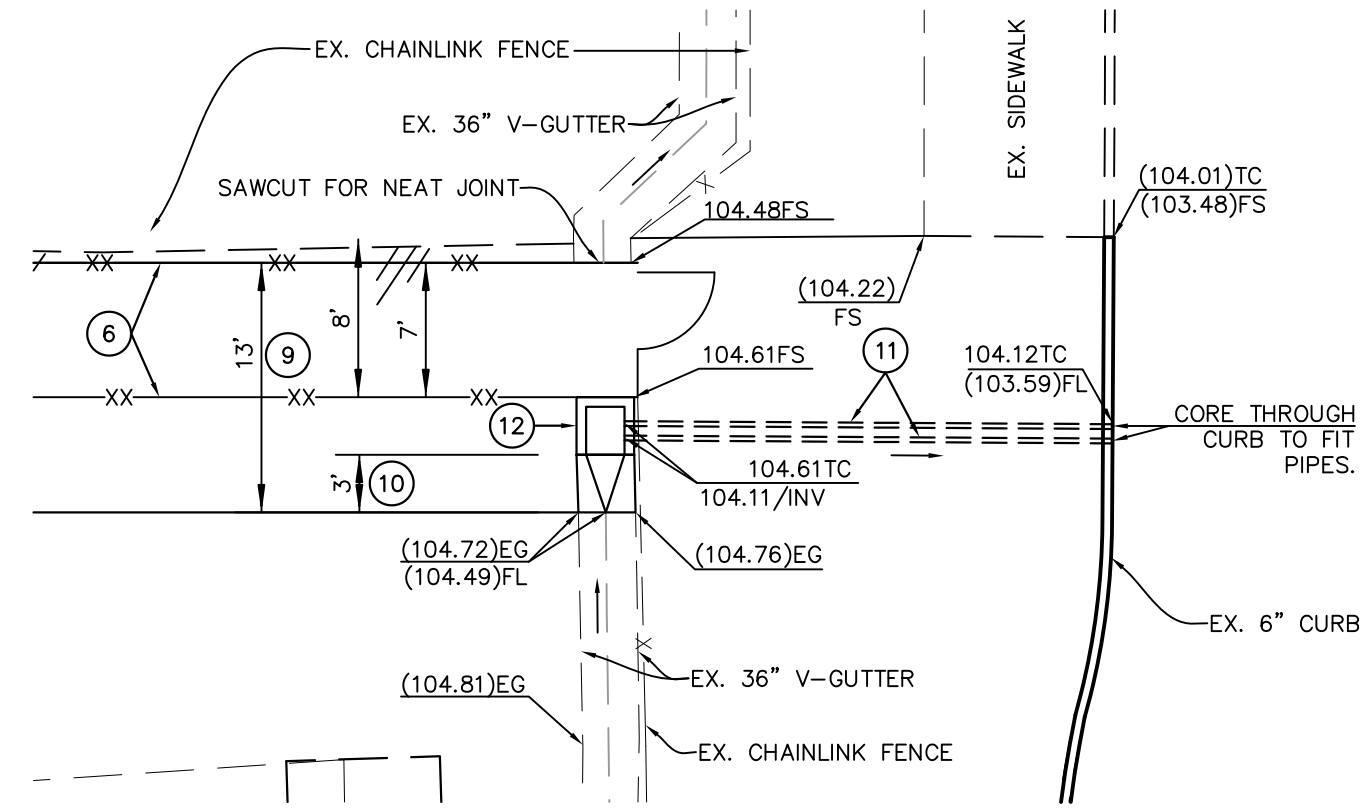
- KEY NOTES**
- 1 ~~SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT AND BASE.~~
 - 2 ~~SAWCUT AND REMOVE EXISTING CONCRETE PAVEMENT.~~
 - 3 NEW 5" THICK P.C.C. (3000 PSI COMPRESSIVE STRENGTH) REINFORCED WITH #3 REBARS AT 12" ON CENTER BOTH WAYS, PLACED ON MIN. 12" THICK SUBGRADE SOIL COMPACTED TO MIN. 90% OF THE MAXIMUM DENSITY PER ASTM D1557.
 - 4 ~~EXISTING UTILITIES TO REMAIN. PROTECT IN PLACE.~~
 - 5 ~~REMOVE EXISTING CHAINLINK FENCE AND POSTS.~~
 - 6 INSTALL CHAINLINK FENCE PER ARCHITECTURAL DRAWINGS.
 - 7 ~~EXISTING BOLLARDS TO REMAIN. PROTECT IN PLACE.~~
 - 8 SALVAGE AND DELIVER TO OWNER EXISTING BASKETBALL POLE AND HOOP. REMOVE AND DISPOSE OF CONCRETE FOOTING.
 - 9 REMOVE PORTION OF EXISTING CONCRETE V-GUTTER.
 - 10 CONSTRUCT CONCRETE CHANNEL TRANSITION, W=3' AND L=3'.
 - 11 INSTALL TWO 3" CAST IRON PIPES UNDER SIDEWALK, MIN. 4" OF SEPARATION AND CORE THROUGH EXISTING CURB. SEE DETAIL 'A' AND 'B' FOR ADDITIONAL INFORMATION.
 - 12 CONSTRUCT OPEN CONCRETE CHANNEL WITH 6" CURB. SEE DETAIL 'A' AND 'B' FOR ADDITIONAL INFORMATION.
 - 13 COLD MILL EXISTING A.C. PAVING WITHIN THE AREA SHOWN TO A DEPTH OF 1.5" AND CONSTRUCT NEW ASPHALT CONCRETE PAVING OF VARIABLE THICKNESS, 1.5" MINIMUM, TO TRANSITION FROM NEW CONSTRUCTION TO JOIN EXISTING.
 - 14 ~~REMOVE EXISTING WHEEL STOP.~~
 - 15 ~~SAWCUT AND REMOVE EXISTING CONCRETE CURB RAMP.~~
 - 16 ~~CONSTRUCT NEW CURB RAMP PER SPPWG STD. 111-5, CASE A TYPE 1, WITH TRUNCATED DOMES, L=25', W=9.50', AND X=6".~~
 - 17 ~~FURNISH AND INSTALL PRECAST CONCRETE WHEEL STOP. MINIMUM 6' LONG, WITH MINIMUM #5 REBAR X 24" LONG ANCHOR PIN (2 EACH MINIMUM) DRIVEN INTO PAVEMENT AND FLUSH WITH TOP OF WHEEL STOP. PROVIDE SEALANT CAP AT ANCHOR PIN LOCATIONS.~~
 - 18 ~~NEW STRIPING PER ARCHITECTURAL PLANS.~~
 - 19 ~~CONSTRUCT CONC. CURB S.P.P.W.G. STD. 120-2, TYPE A1-6, MODIFIED FOR VARIABLE HEIGHT CURB FACE PER ELEVATIONS SHOWN AND AT JOIN LOCATIONS.~~
 - 20 ~~SAWCUT AND REMOVE EXISTING CONCRETE CURB.~~
 - 21 ~~NOT USED.~~
 - 22 NEW SHADE STRUCTURE PER ARCHITECTURAL DRAWINGS.
 - 23 ~~INSTALL ADA SIGN PER ARCHITECTURAL DRAWINGS.~~
 - 24 ~~CONSTRUCT NEW CURB RAMP PER SPPWG STD. 111-5, CASE A TYPE 1, WITH TRUNCATED DOMES, L=4', W=6', AND X=6".~~

NOTE: DISPOSE OF ALL REMOVED MATERIALS AND CONSTRUCTION WASTE OFF-SITE AND IN ACCORDANCE WITH APPLICABLE LOCAL CODES.



DETAIL 'A': OPEN CHANNEL UNDERDRAIN TO CURB

N.T.S.



DETAIL 'B': CONCRETE V-GUTTER: ENLARGED VIEW

N.T.S.

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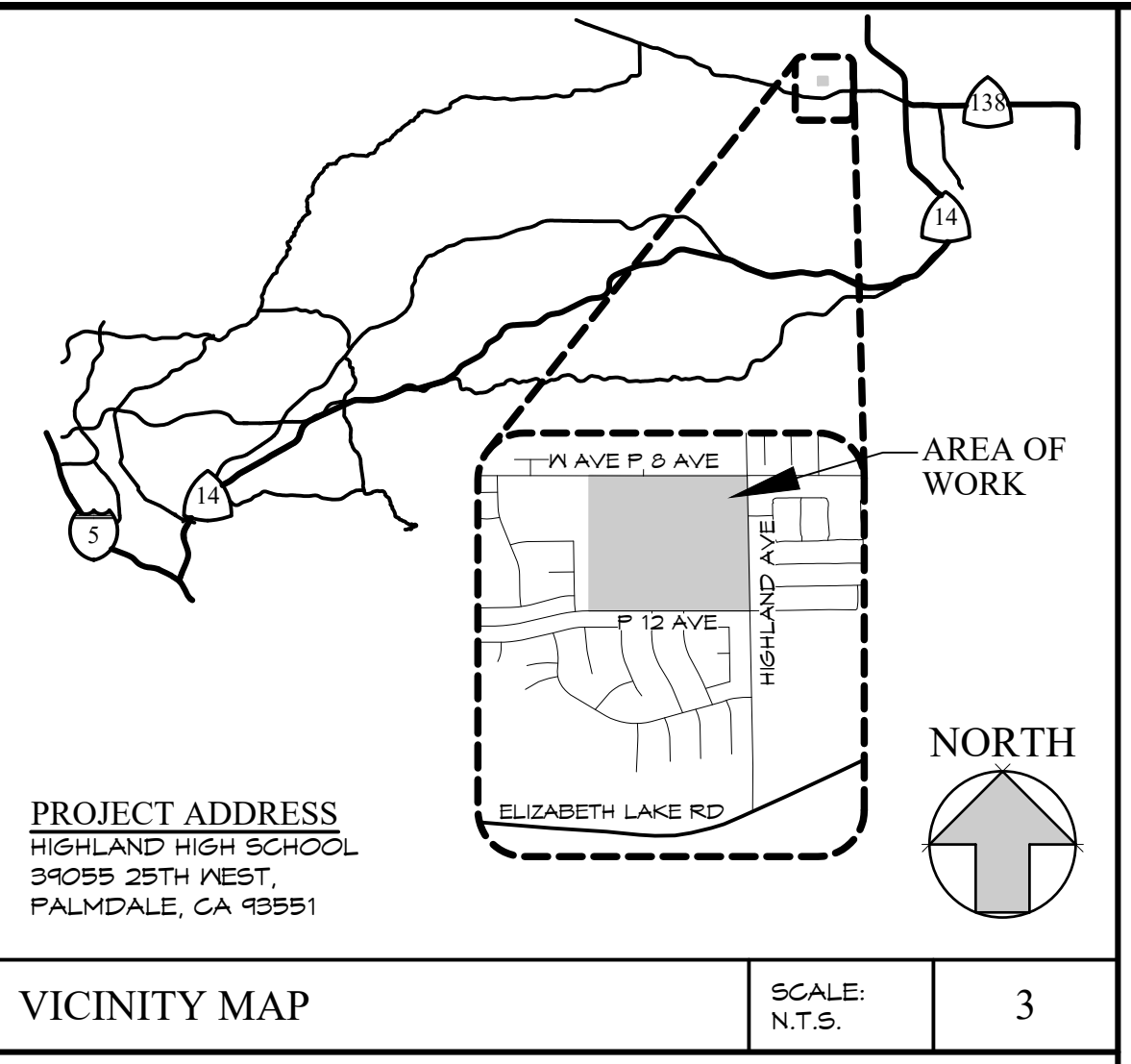
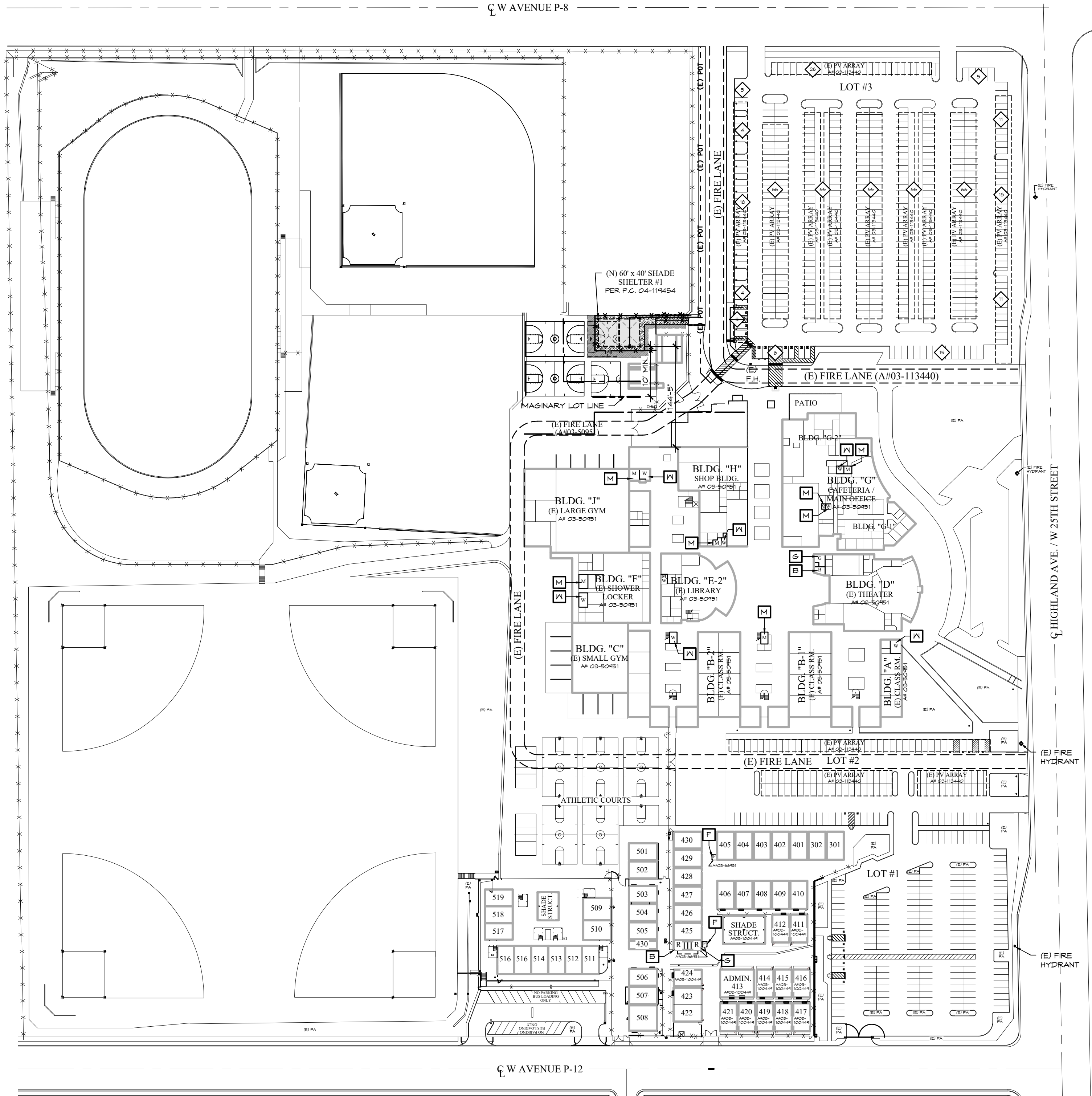
PROJECT:
NEW SHADE STRUCTURE AND
A.D.A. PATH-OF-TRAVEL MITIGATION
HIGHLAND HIGH SCHOOL
39055 25TH STREET WEST
PALMDALE, CA 93551

SHEET NAME:
GRADING IMPROVEMENT PLAN

DATE: 04/18/2022
DRAWN: RM
JOB: 2316
SHEET:

C-2

OVERALL SITE PLAN



VICINITY MAP

NOTE:
1. AT NEW CONCRETE CURBS WITHIN FIRE LANES, CURB IS TO BE PAINTED RED AND INCLUDE MARKINGS THAT INCLUDE THE WORDS "NO-PARKING FIRE LANE" IN WHITE.



810

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

Division of the State Architect (DSA) documents referenced within this publication are available on the [DSA Forms](#) or [DSA Publications](#) webpages.

To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new building(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply.

Information associated with compliance items 1 through 3 below is to be provided for all project types indicated above. Information associated with items 4 through 7 is to be completed when an alternate means is utilized. Acknowledgement by the school district and signature from the Local Fire Authority (LFA) is only required when an alternate design means is being requested.

The Project Information and Fire & Life Safety Information sections are to be completed for all projects and imaged onto the fire access site plan. When an alternate design/means is proposed, all sections on pages 1 and 2 are to be completed and imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and DSA Policy *PL 09-01: Fire Flow for Buildings*.

PROJECT INFORMATION			
School District/Owner: ANTELOPE VALLEY UNION HIGH SCHOOL DISTRICT			
Project Name/School: HIGHLAND HIGH SCHOOL			
Project Address: 39055 25th St W, Palmdale, CA 93551			
FIRE & LIFE SAFETY INFORMATION			
1.	Has a fire hydrant flow test been performed within the past 12 months? (If yes, provide a copy of the test data.)	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
2.	Was the fire hydrant water flow test performed as part of this LFA review?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
3.	Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal-Fire? (If yes, indicate FHSZ classification below.)	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Refer to the following website for FHSZ locations: http://egis.fire.ca.gov/FHSZ/		Moderate <input type="checkbox"/>	High <input type="checkbox"/> Very High <input type="checkbox"/>
Wildland Interface Area (WIFA) (If any designations are checked, project design must meet the requirements of CBC Chapter 7A.)			WIFA <input type="checkbox"/>

DSA 810 FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

CONDITION MEANS AND METHODS RESOLUTION	ALTERNATE ACCEPTED			
	Yes	No	N/A	N/R
4. Emergency vehicle access roadways do not meet CFC requirements.				
4a. Acceptable Alternate: Emergency vehicle and personnel access as proposed by the project architect is acceptable for providing fire suppression and protection of life and property.				
5. Fire Hydrants: Number and spacing does not meet CFC requirements.				
5a. Acceptable Alternate: Number of fire hydrants and spacing as proposed by the project architect is acceptable for fire suppression and protection of life and property.				
6. Fire Hydrants: Water flow and pressure are less than CFC minimum.				
6a. Acceptable Alternate: The available flow and pressure is acceptable for providing fire suppression and protection of life and property.				
7. Location of fire department connection(s) serving fire sprinkler systems or standpipe systems does not meet CFC requirements.				
7a. Acceptable Alternate: The location of fire department connection serving the fire sprinkler system and/or standpipe system is acceptable for providing fire suppression and protection of life and property.				

School District Acceptance of Acceptable Design Alternates

By signing this form, the school district acknowledges and accepts the proposed design as an alternative to California Building Code (CBC) and California Fire Code (CFC) minimum requirements, as indicated by one or more of the conditions indicated at items 4a, 5a, 6a or 7a, for providing fire and life safety protection of life and property.

Accepted by: _____ Title: _____

Signature: _____ Date: _____

LOCAL FIRE AUTHORITY (LFA) INFORMATION	
LFA Agency Name:	
LFA Review Official:	
Title:	Work Phone:
Work Email:	
LFA Reviewer's Signature: _____ Date: _____	

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DIV. OF THE STATE ARCHITECT
APP: 03-122268 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 08/18/2022

REVISIONS	BY

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Frick, Frick & Jetté Architects
19153 Town Center Dr., Suite 101
Apple Valley, CA 92308
(760) 240-6211
www.ffj-arch.com
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ENGINEER

ARCHITECT

LICENCED ARCHITECT
JAMES C. BASTARD
NO. 1627546
REN. 6-2023
STATE OF CALIFORNIA

PROJECT:
NEW SHADE STRUCTURE AND RELATED SITE WORK
AT HIGHLAND HIGH SCHOOL
39055 25TH ST W, PALMDALE, CA 93551

SHEET NAME:
LOCAL FIRE AUTHORITY

DATE: June, 2022
DRAWN: R. SIMPER
JOB: ANT21-01C
SHEET:

A0.1

BID SET

HIGHLAND HIGH SCHOOL

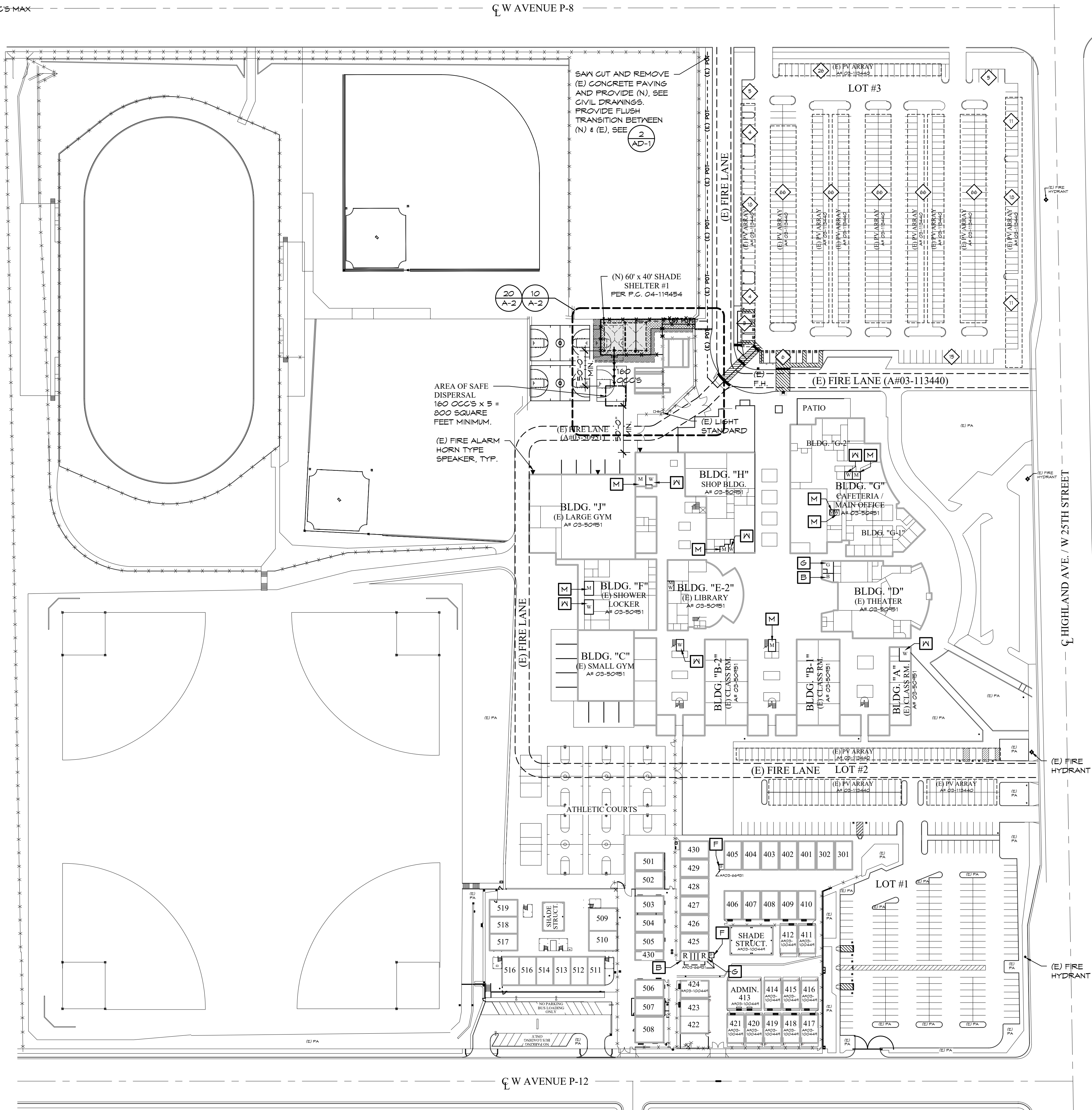
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PLOT DATE: 6/22/2022 9:31 AM

Z:\NANTELOPE VALLEY\ANT21-01 - SSS - 1 VARIOUS SITES\ANT21-01C - HIGHLAND HS\ARCH-A-1 OVERALL SITE PLANDWG

BUILDING #/NAME	CHAPTER 3 OCCUPANCY GROUP	CHAPTER 6 TYPE OF CONSTRUCTION	ACTUAL FLOOR AREA (SQ. FT.)	FIRE SPRINKLERED	MAX. HEIGHT		AREA MODIFICATION (2016 CBC, SECTION 506)										RATIO ACTUAL/ ALLOWABLE	TOTAL RATIO = <1	REMARKS
					STORIES		FEET		TABULAR AREA TABLE 506.2 (A)	WIDTH LIMITS (EQUATION 5-4) (W)	FRONTAGE INCREASE (EQUATION 5-5) If = [F/P-0.25]W/30				NS	AREA MODIFICATION (EQUATION 5-1) Aa = At + (NS x If)			
					TABLE 504.4	ACTUAL	TABLE 504.3	ACTUAL			F=	P=	W=	FRONTAGE INCREASE (If)					
NEW SHADE STRUCTURE S.S. #1	A-3	V-B	2,400	NS	1	1	40	10	6,000				-	0.00	6,000	6,000	0.40	0.40	

TOTAL BUILDING AREA (SQ. FT.): 2,400

OCCUPANT LOAD:
2,400 SQ. FT. / 15 = 160 OCC'S MAX



SCALE:
1" = 80'

1

PARKING COUNT

PARKING LOT #3		
	REQUIRED	PROVIDED
# OF STANDARD PARKING SPACES:		447
# OF ACCESSIBLE SPACES:	9	9
OF THOSE, # OF VAN PARKING:	2	2
TOTAL PARKING SPACES:		456

PROJECT ADDRESS
HIGHLAND HIGH SCHOOL
39055 25TH WEST,
PALMDALE, CA 93551

VICINITY MAP

SCALE:
NONE

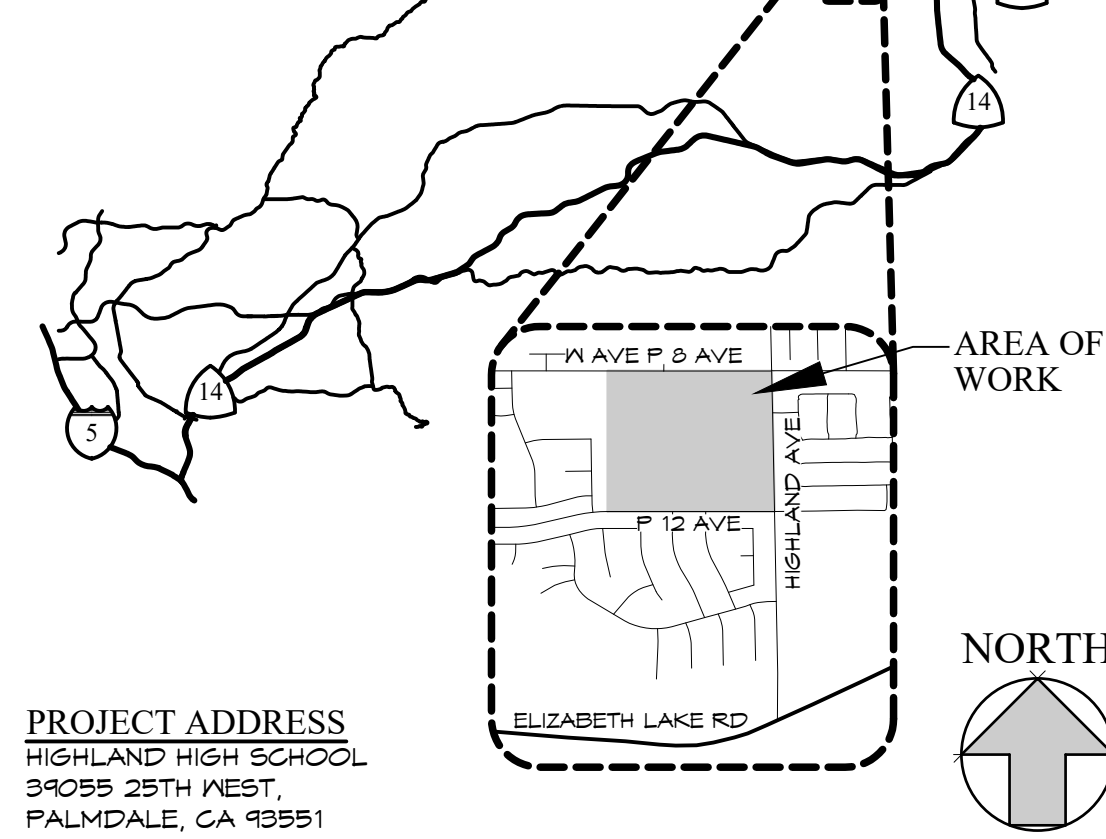
5

- "DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT: THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS. DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT."
- ALL ITEMS ARE EXISTING (E) UNLESS NOTED NEW (N).
- GRATINGS LOCATED IN THE SURFACE OF THE PEDESTRIAN WAY, IN THE PATH OF TRAVEL, GRID/OPENINGS IN GRATINGS SHALL BE LIMITED TO 1/2" MAX. IN THE DIRECTION OF TRAFFIC FLOW. GRATES TO BE MODIFIED IF REQUIRED.
- REMOVE ALL GATE SIGNS THAT READ "LOCK".

SITE PLAN NOTES

RESTROOM LEGEND

- B BOYS' RESTROOM (ADULT)
- G GIRLS' RESTROOM (ADULT)
- M MEN'S RESTROOM
- N WOMEN'S RESTROOM
- T STAFF TOILET (UNISEX)
- S STUDENT TOILET (UNISEX)
- F DUAL-HEIGHT DRINKING FOUNTAIN



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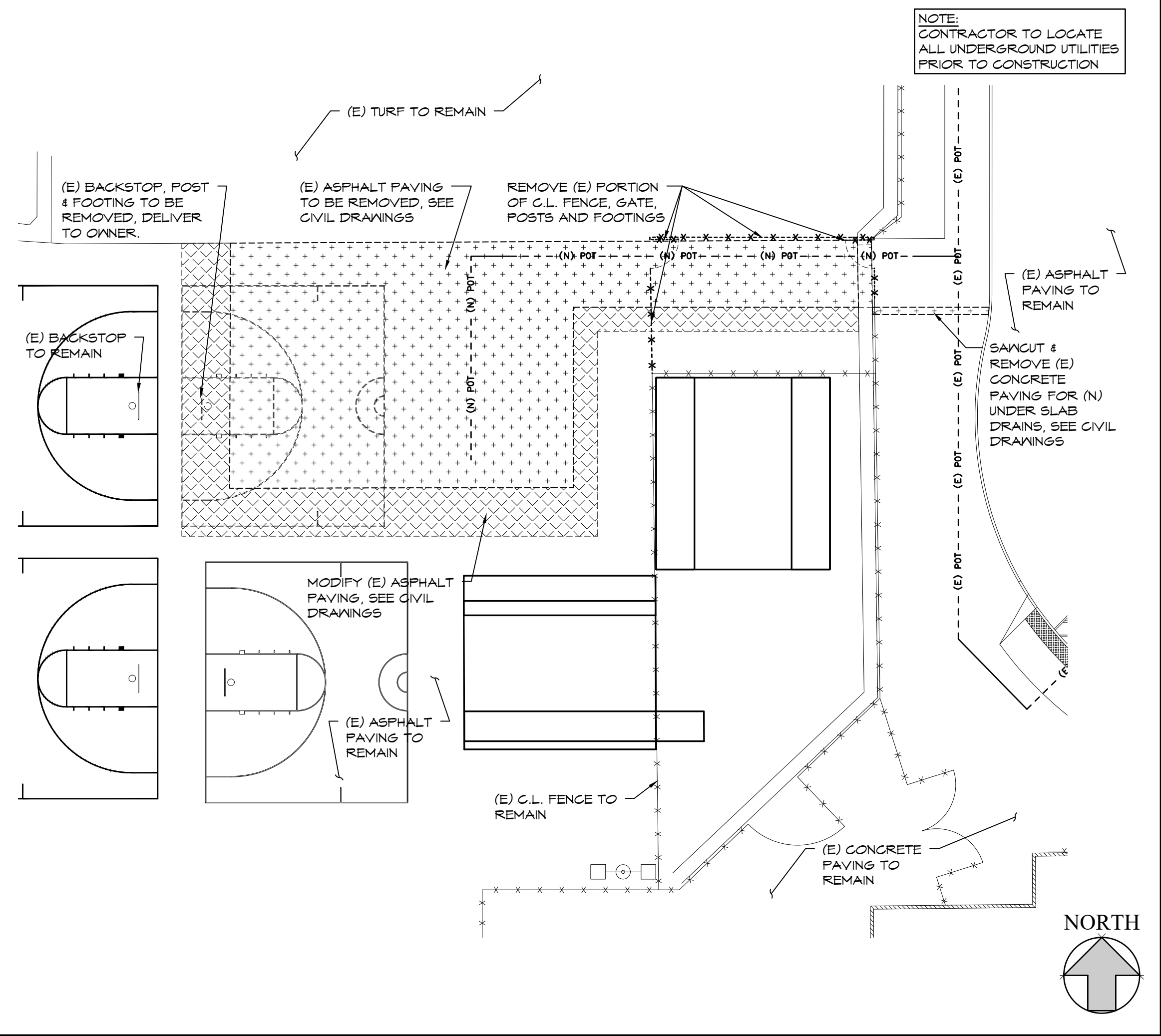
SHEET NAME:
OVERALL SITE PLAN

DATE: June, 2022
DRAWN: R. SIMPER
JOB: ANT21-01C
SHEET:

A-1

BID SET

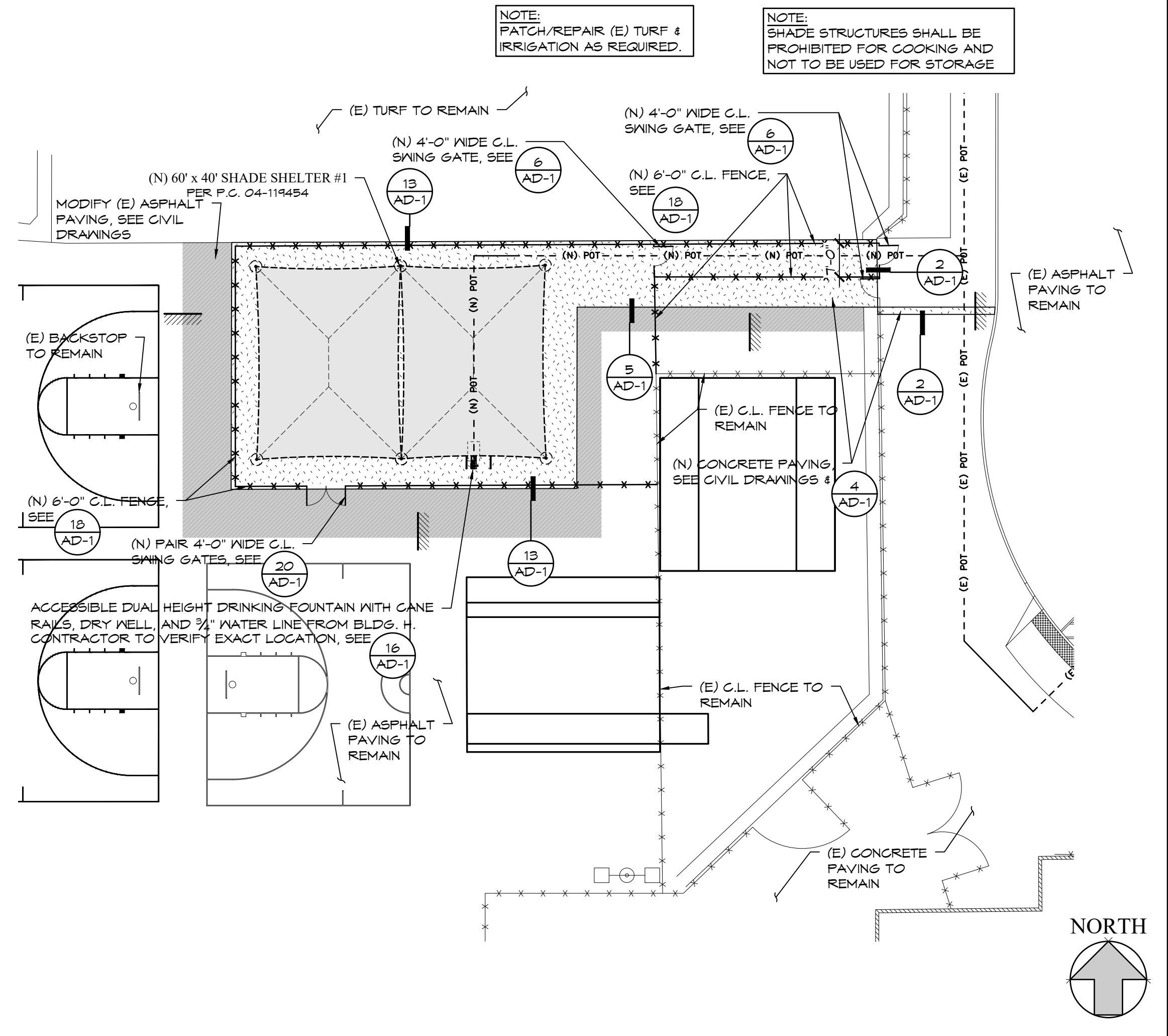
HIGHLAND HIGH SCHOOL



ENLARGED DEMO SITE PLAN

SCALE: 1" = 20'

10



ENLARGED NEW SITE PLAN

SCALE: 1" = 20'

20

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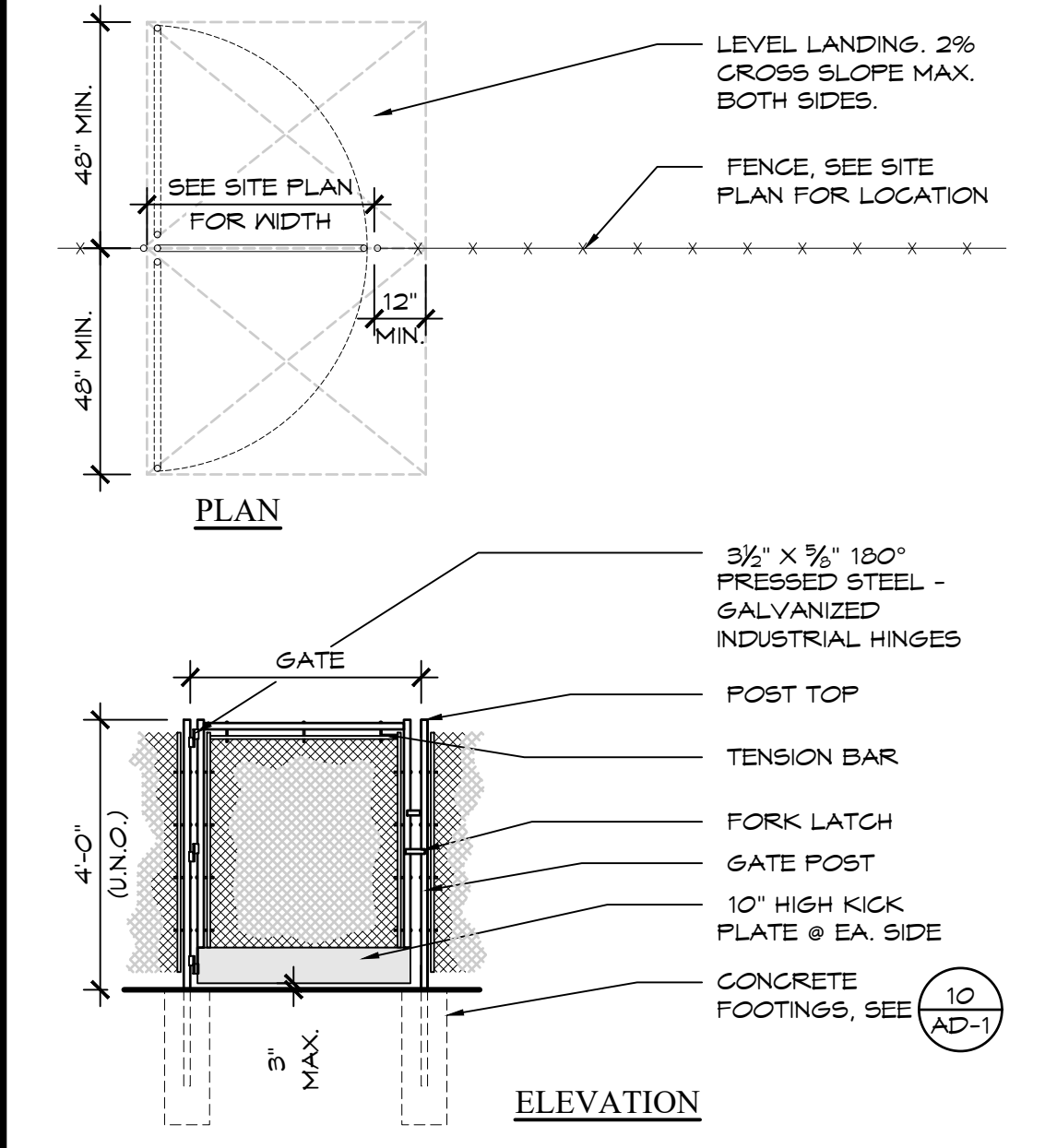
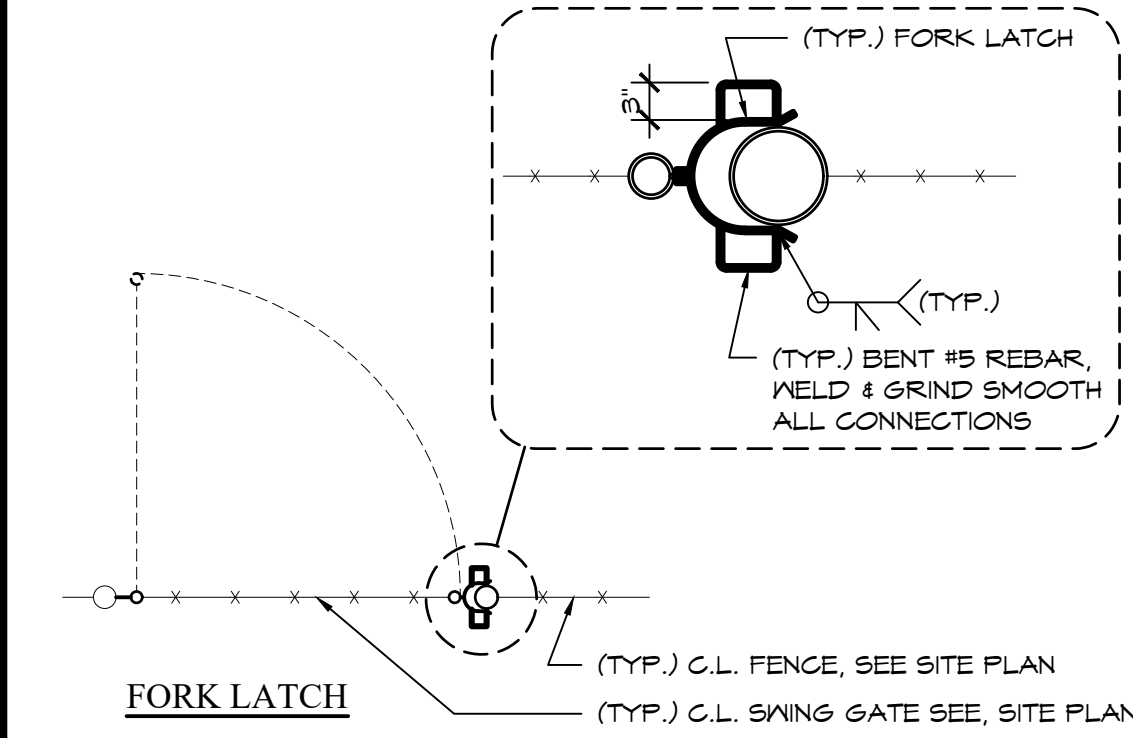
SHEET NAME:
ENLARGED SITE PLAN

DATE: June, 2022
DRAWN: R. SIMPER
JOB: ANT21-01C
SHEET:

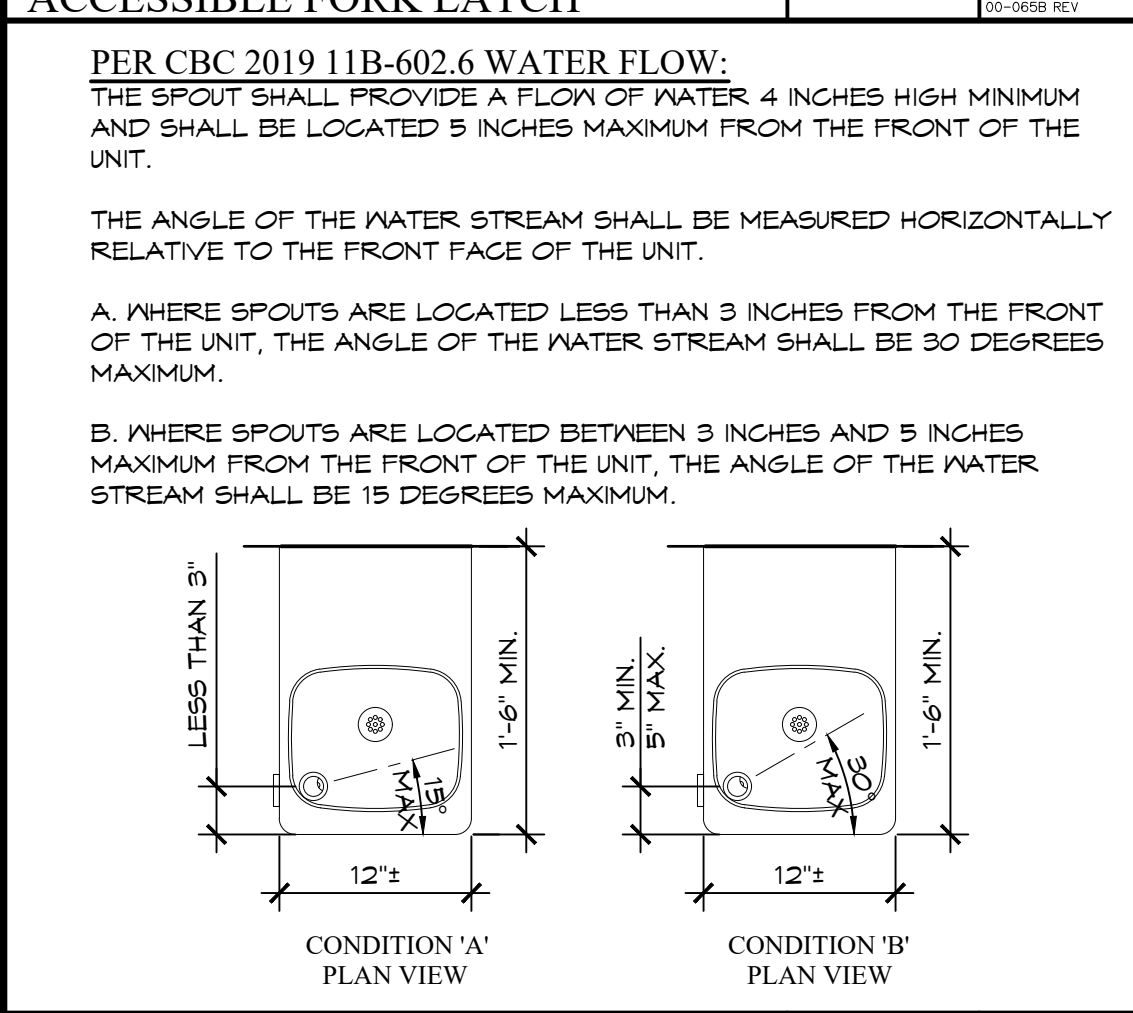
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SHEET SIZE: ARCH D (24"x36")
PLOT DATE: 6/22/2022 9:31 AM

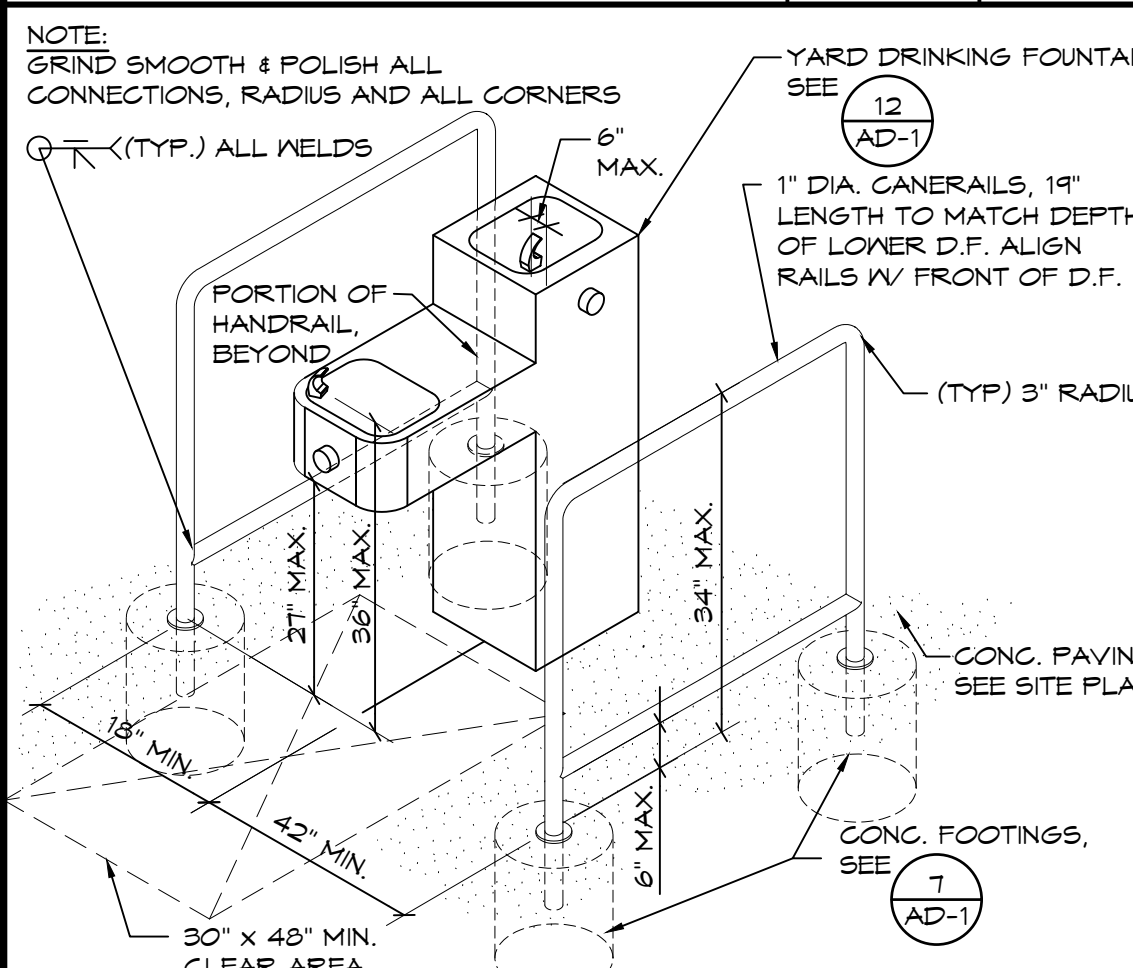
Z:\NANTELOPE VALLEY\ANT21-01 - SSS - 7 VARIOUS SITES\ANT21-01C - HIGHLAND HS ARCH-AD-1 DETAILS.DWG



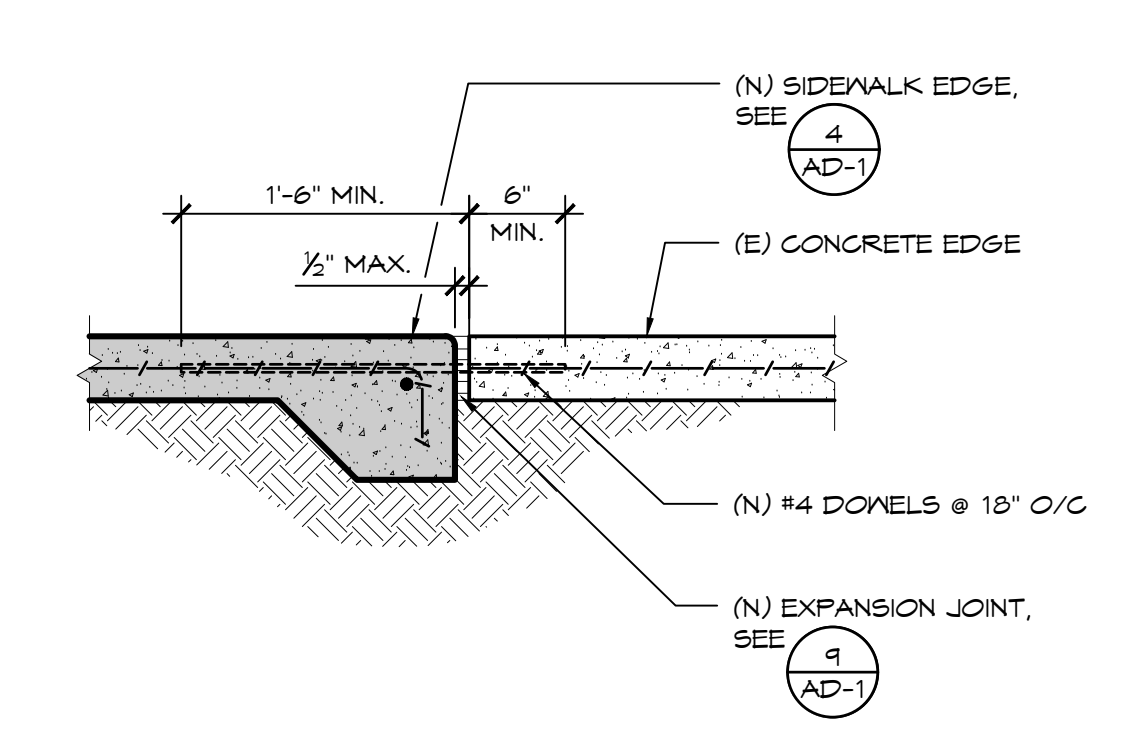
CHAIN LINK SWING GATE WITH ACCESSIBLE FORK LATCH SCALE: 1/4" = 1'-0" 02-0555 REV 6



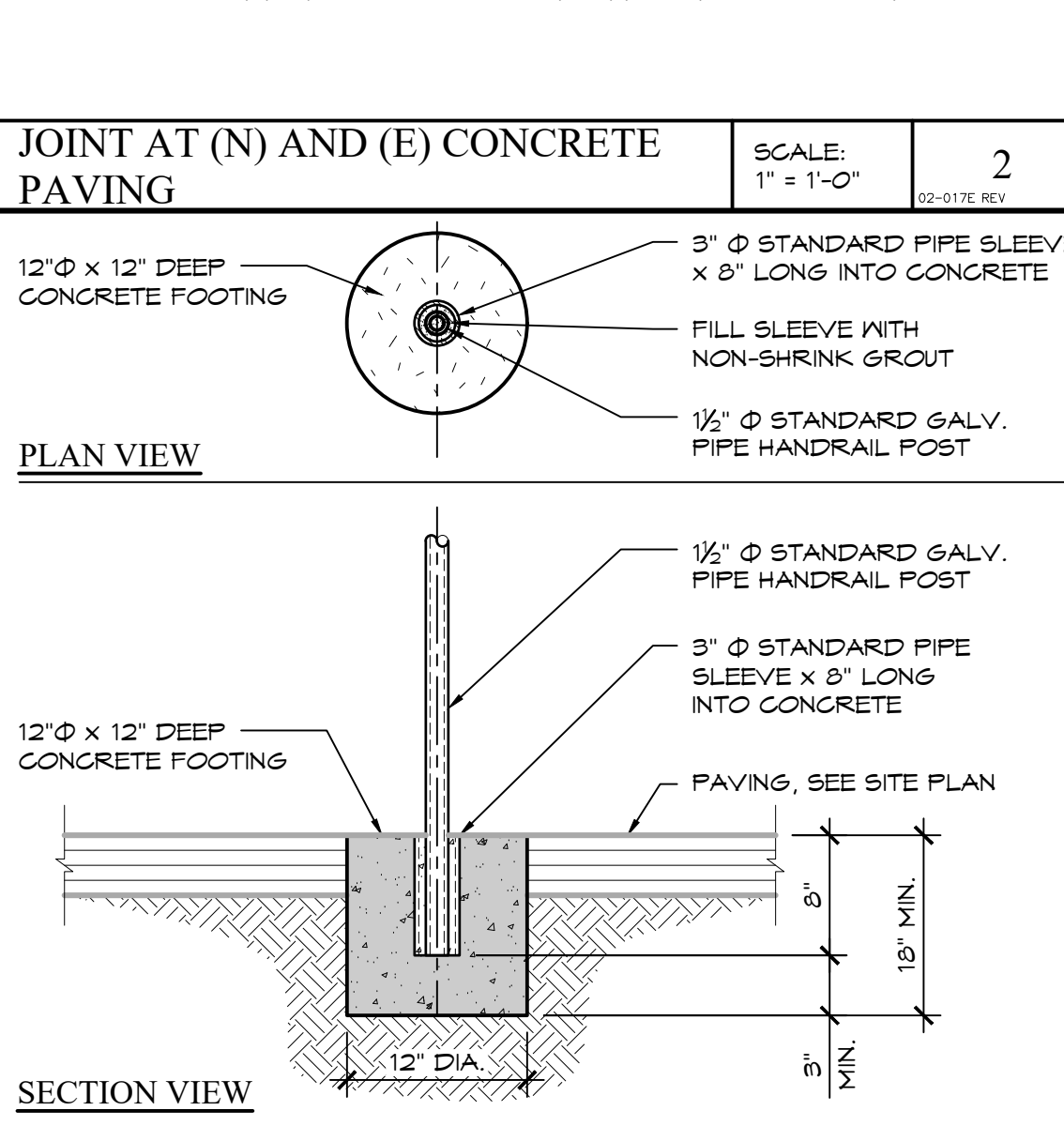
DRINKING FOUNTAIN SPOUT ANGLE SCALE: 1" = 1'-0" 11



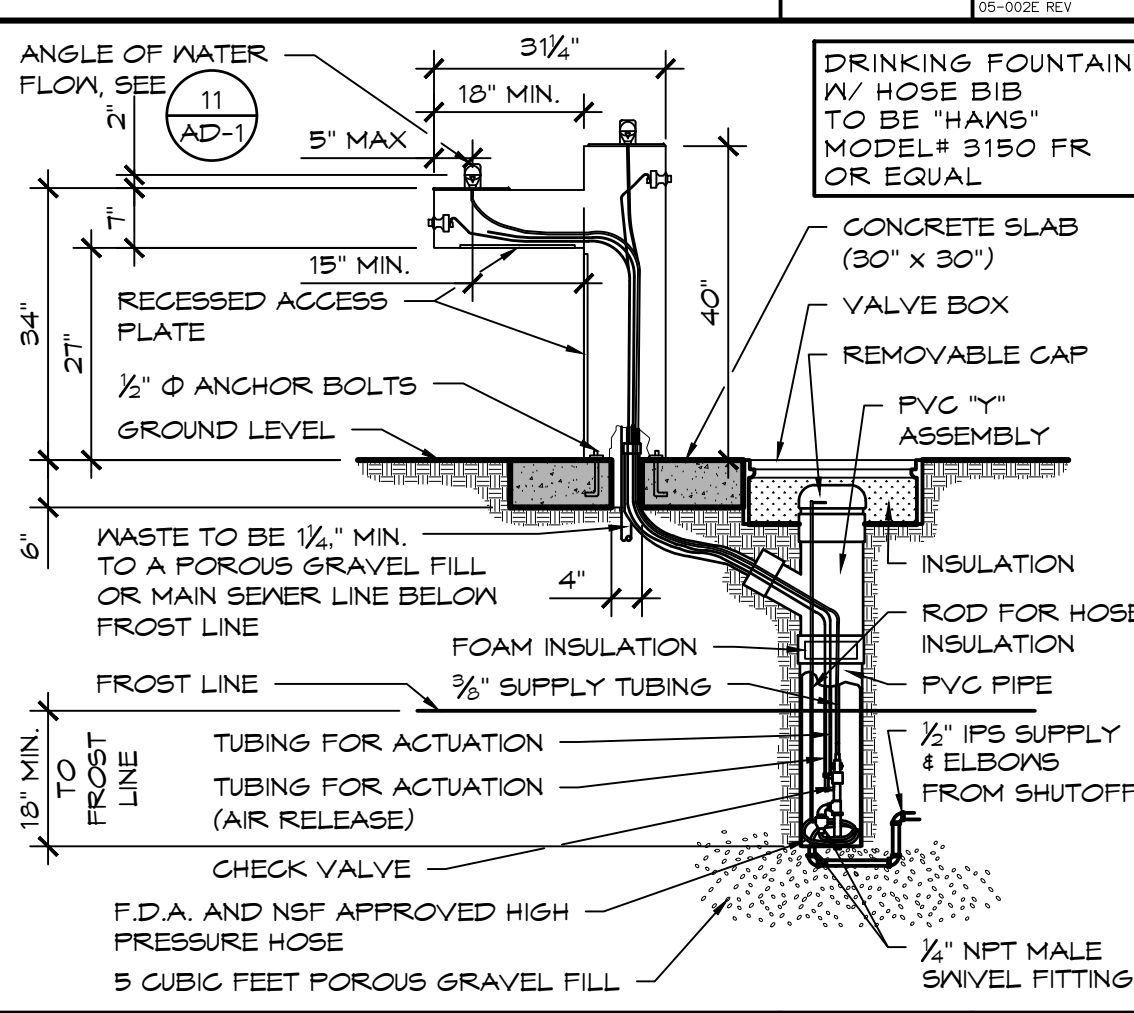
DUAL HEIGHT DRINKING FOUNTAIN SCALE: 1/4" = 1'-0" 16



JOINT AT (N) AND (E) CONCRETE PAVING SCALE: 1" = 1'-0" 02-0176 REV 2



RAILING SLEEVE SECTION SCALE: 1" = 1'-0" 02-0022 REV 7



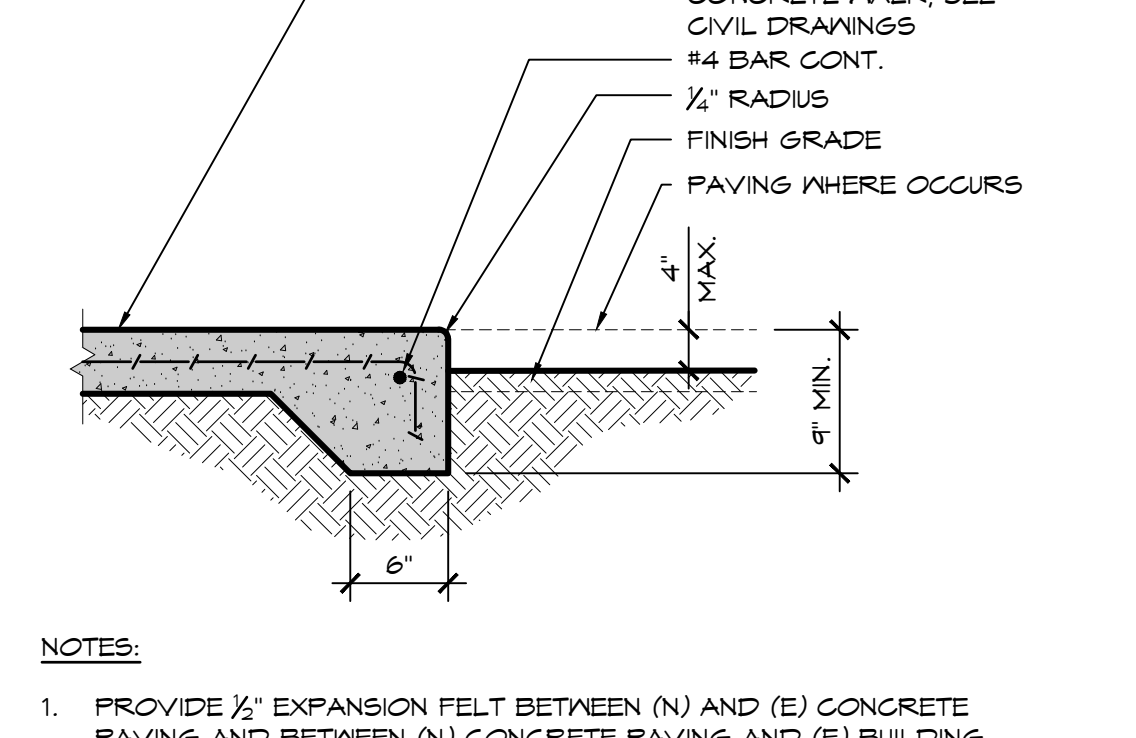
FREEZE-RESISTANT BARRIER FREE DRINKING FOUNTAIN SCALE: 1/2" = 1'-0" 10-031 12



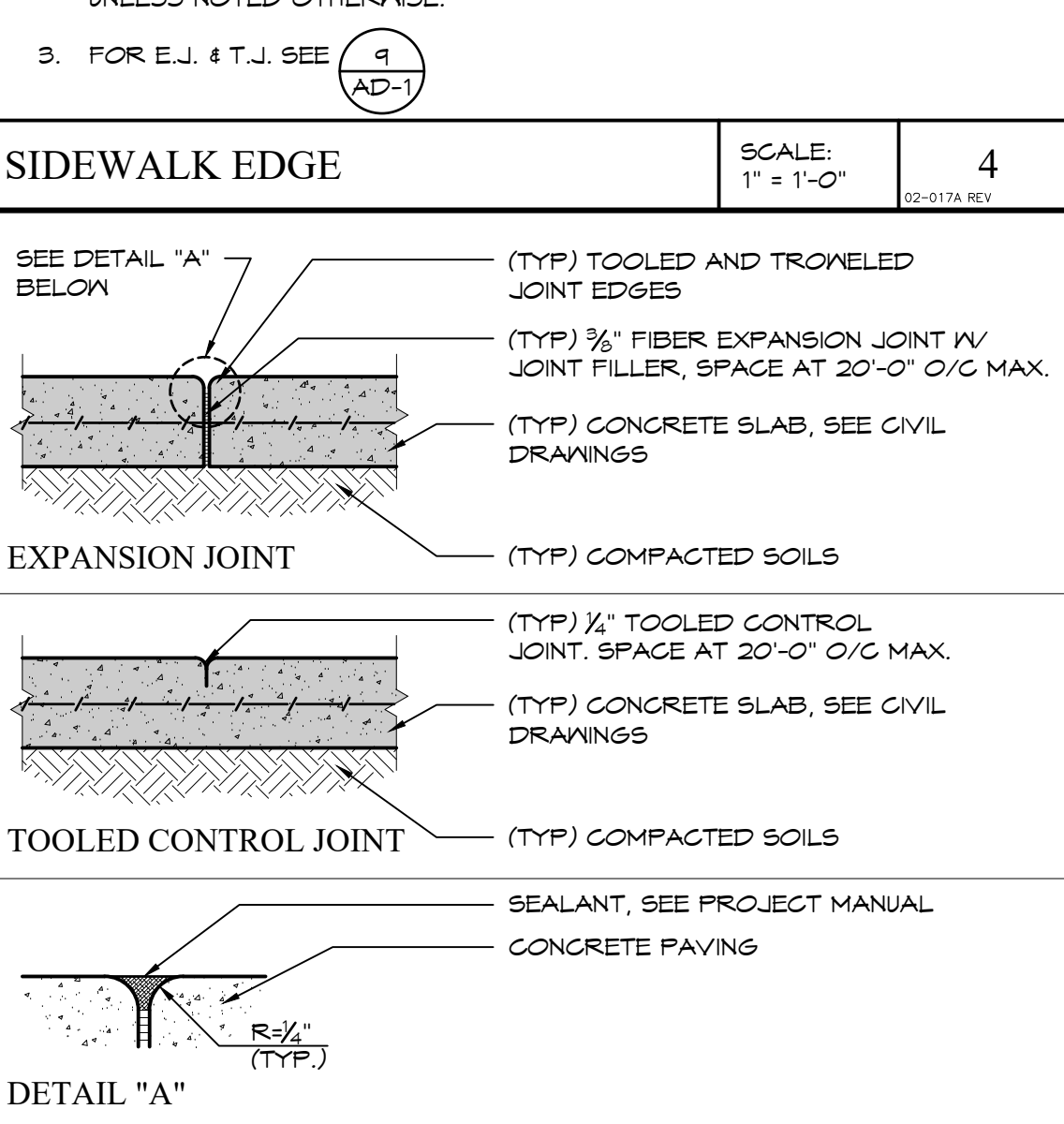
FENCE @ CONCRETE EDGE SCALE: 1" = 1'-0" 02-0318 REV 13



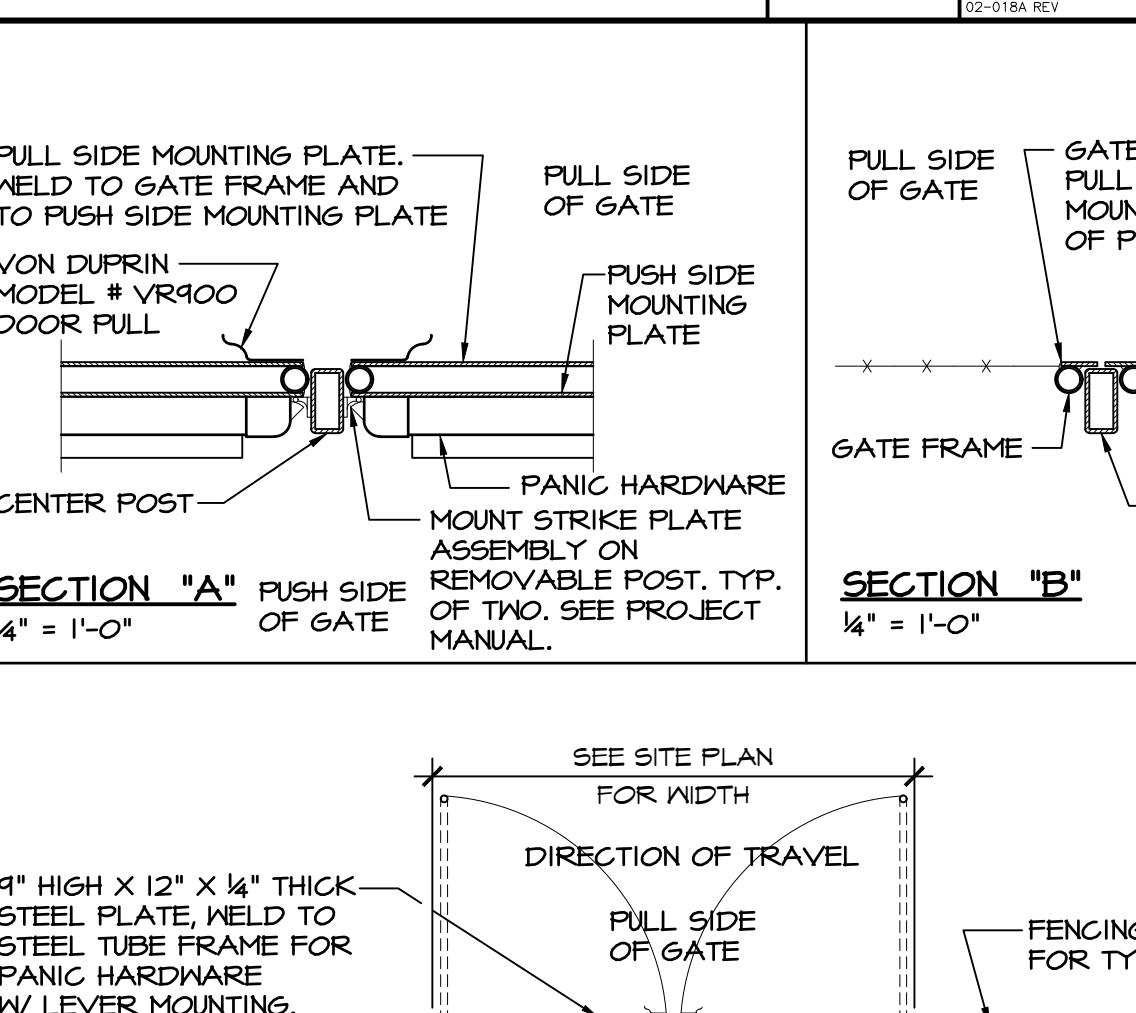
CHAIN LINK FENCE ELEVATION SCALE: 1/4" = 1'-0" 02-0318 REV 18



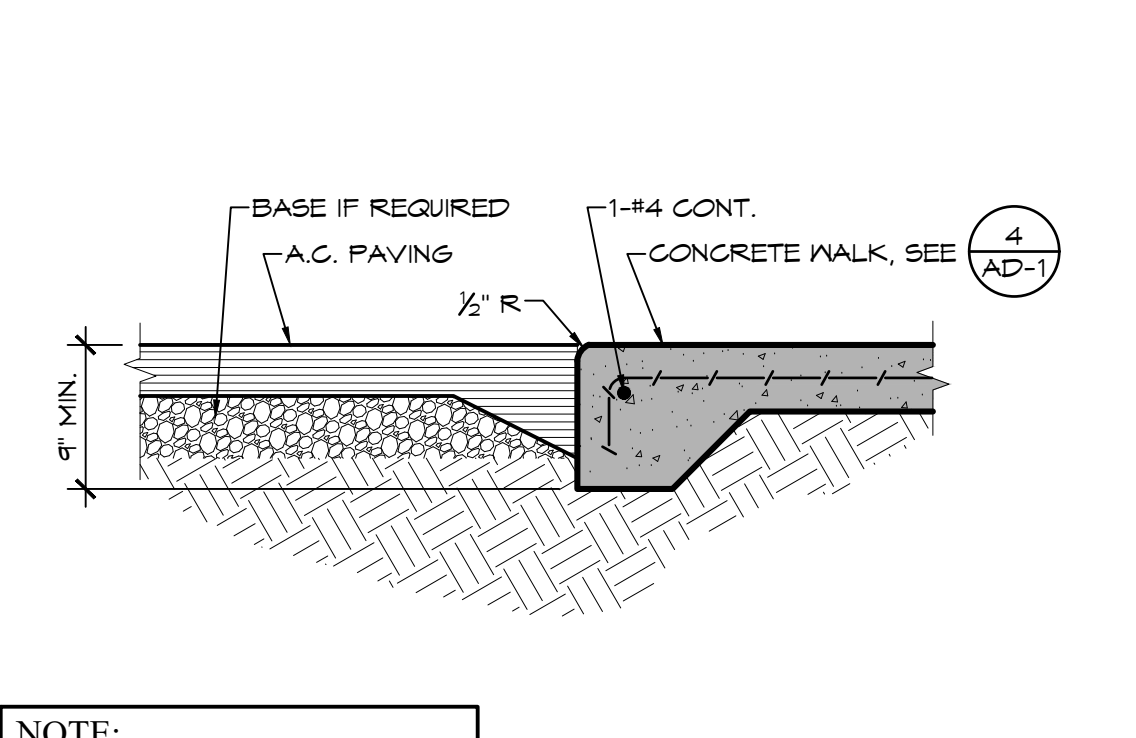
SIDEWALK EDGE SCALE: 1" = 1'-0" 02-0174 REV 4



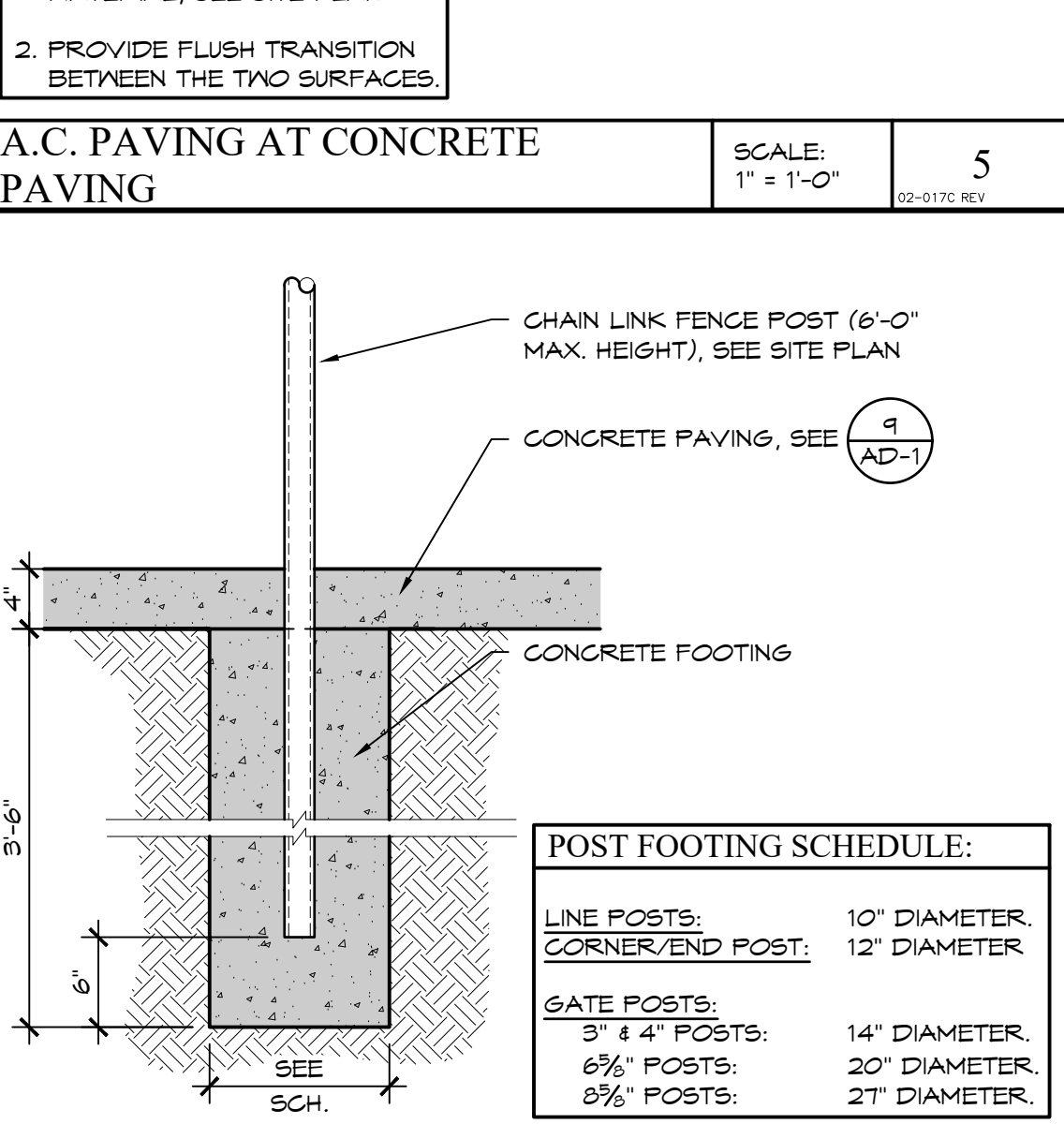
JOINTS IN CONCRETE PAVING SCALE: 1 1/2" = 1'-0" 02-0184 REV 9



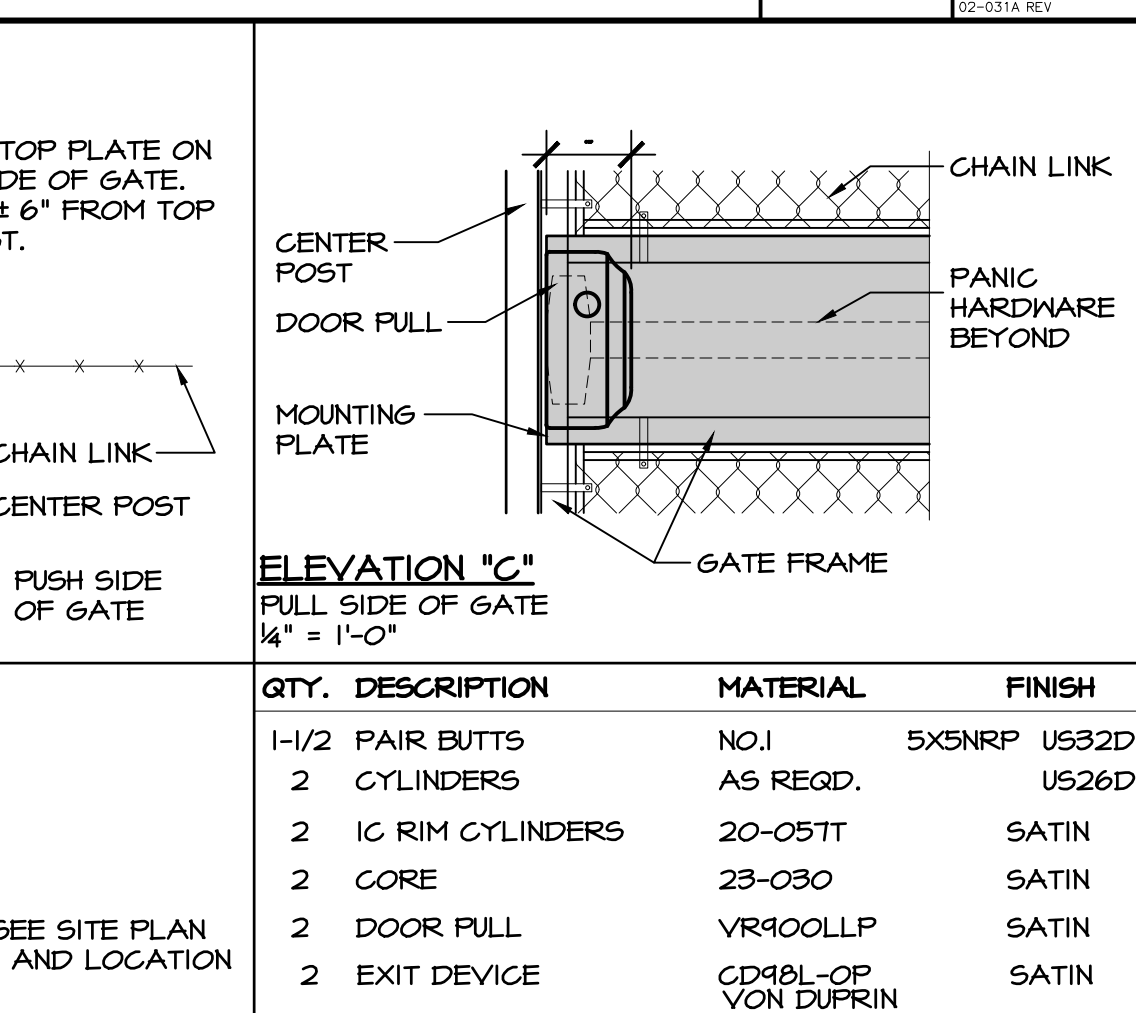
CHAIN LINK SWING GATES WITH PANIC HARDWARE AND REMOVABLE POST SCALE: 1/4" = 1'-0" 02-0318 REV 20



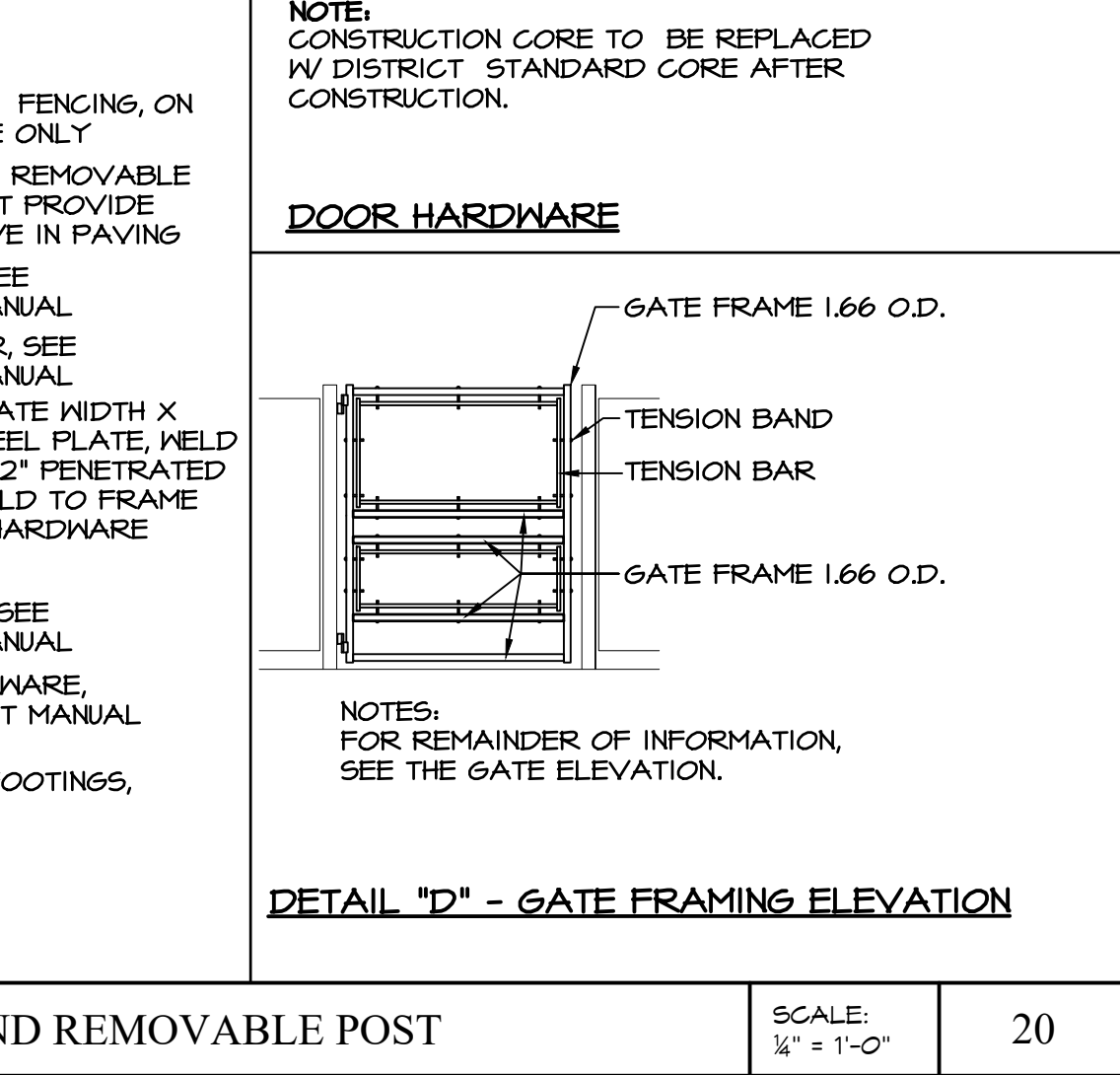
A.C. PAVING AT CONCRETE PAVING SCALE: 1" = 1'-0" 02-0176 REV 5



CHAIN LINK POST FOOTING SCALE: 1" = 1'-0" 02-0314 REV 10



DOOR HARDWARE SCALE: 1/4" = 1'-0" 02-0318 REV 18



DETAIL "D" - GATE FRAMING ELEVATION SCALE: 1/4" = 1'-0" 02-0318 REV 18

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DATE: June, 2022
DRAWN: _____
JOB: _____
SHEET: ANT21-01C

DETAILS

AD-1

HIGHLAND HIGH SCHOOL

BID SET