



SITE WORK AT LITTLEROCK HIGH SCHOOL & WILLIAM J. "PETE" KNIGHT HIGH SCHOOL

ANTELOPE VALLEY UNION HIGH SCHOOL DISTRICT

Z:\ANTELOPE VALLEY\ANT21-01 - S.SS - 7 VARIOUS SITES\LRHS KHS WORKING DOCS\BID SET COVER.DWG

BID #3/23-24

[illegible]

PROJECT ADDRESS:
LITTLE ROCK HIGH SCHOOL
10833 E AVENUE R
LITTLE ROCK, CA 93543

WILLIAM J. "PETE" KNIGHT HIGH SCHOOL
37423 70TH ST E
PALMDALE, CA 93552

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

ELECTRICAL:
A&F ENGINEERING GROUP, INC.
9320 BASELINE RD., SUITE C
RANCHO CUCAMONGA, CA. 91701
(909) 941-3008
CONTACT:
LUIS E. FLORES

PROJECT OWNER:
ANTELOPE VALLEY UNION HIGH
SCHOOL DISTRICT
176 HOLSTON DR.
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CONTACT:
SCOTT FISH

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



PROJECT DIRECTORY

SITE DEMOLITION INCLUDES:
DEMO OF EXISTING ASPHALT AND CONCRETE PAVING & OTHER RELATED SITE
WORK.

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.

NEW BUILDING 'S.S.#1', TYPE AND SQUARE FOOTAGE:
NEW 40'X60' SHADE STRUCTURE (OWNER FURNISHED AND INSTALLED -
CONTRACTOR TO COORDINATE INSTALLATION)

SCOPE OF WORK

REVISIONS		BY	
 FF&J Frick, Frick & Jeré Architects 19153 Town Center Dr., Suite 101 Irvine, CA 92630 (714) 240-0211 • www.ffj-arch.com		SERVING CLIENTS IN CALIFORNIA SINCE 1946 Architecture ■ Planning ■ Landscape Architecture	
ENGINEER			
ARCHITECT			
			
PROJECT: SITE WORK AT LITTLE ROCK HIGH SCHOOL & WILLIAM J. "PETE" KNIGHT HIGH SCHOOL ANTELOPE VALLEY UNION HIGH SCHOOL DISTRICT		SHEET NAME: BID SET - COVER SHEET	
DATE:		OCTOBER 2023	
DRAWN:		R. SIMPER	
JOB:		ANT21-01	
SHEET:			
<div style="text-align: center; font-size: 2em; font-weight: bold;">CSO</div>			

SHEET SIZE: ARCH D (24"x36")
PLOT DATE: 11/3/2022 1:50 AM

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, WEEDS, 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.

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

DIVISION OF THE STATE ARCHITECT

- CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE BY AN APPENDIX OR CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, 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).
- 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, CCR.)
- 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 WILLIAM J. "PETE" KNIGHT HIGH SCHOOL

ANTELOPE VALLEY UNION HIGH SCHOOL DISTRICT

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

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).....2018 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 '9.5.11', TYPE AND SQUARE FOOTAGE:
NEW 40'X60' SHADE STRUCTURE.

FUNDING SOURCE:
ESSER II AND ESSER III

SCOPE OF WORK

PROJECT ADDRESS:
WILLIAM J. "PETE" KNIGHT HIGH SCHOOL
37425 10TH ST E,
PALMDALE, CA 93552

PROJECT OWNER:
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44811 NORTH SIERRA HIGHWAY
LANCASTER, CA 93534
(661) 952-2287
CONTACT:
MAT HAVENS

PROJECT ARCHITECT:
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(760) 240-6211
PROJECT MANAGER:
RICK SIMPER
ARCHITECT OF RECORD:
GINO BASTIANON

CIVIL:
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(661) 268-8899
CONTACT:
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(909) 941-3008
CONTACT:
LUIS E. FLORES

Sheet List Table	
SHEET NUMBER	SHEET TITLE
GENERAL	
CS	COVER SHEET
CIVIL	
C-1	GRADING IMPROVEMENT PLAN
C-2	GRADING IMPROVEMENT PLAN
C-3	GRADING IMPROVEMENT PLAN
ARCHITECTURAL	
A0.1	LOCAL FIRE AUTHORITY
A-1	OVERALL SITE PLAN
A-2	ENLARGED DEMO SITE PLAN - NORTH
A-3	ENLARGED NEW SITE PLAN - NORTH
A-4	ENLARGED DEMO SITE PLAN - SOUTH
A-5	ENLARGED NEW SITE PLAN - SOUTH
AD-1	DETAILS
ELECTRICAL	
E0.1	GENERAL NOTES SYMBOL LIST AND SINGLE LINE DIAGRAM
E1.1	DEMOLITION AND REMODEL POWER SITE PLAN
E2.1	ELECTRICAL SPECIFICATIONS SECTION 26 00 00
SHADE STRUCTURE	
P.C. T-1.0	P.C. TITLE SHEET
P.C. T-2.0	DETAILED SAMPLE FORM
P.C. T-2.1	SHADE STRUCTURE PROVIDED BY OWNER AND INSTALLED BY SHADE STRUCTURE MANUFACTURER
24-1-1000	PRODUCT INFORMATION
24-2-1001	DETAILS
24-3-2000	REACTIONS

TOTAL SHEETS: 20

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. 03-122265 File No. 19-H2)

☒ The drawings or sheets listed on the cover or index sheet FOR SHADE STRUCTURE
☐ 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 FOR SHADE STRUCTURE <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: <i>Gino Bastianon</i> Date: 11/2/2022	Signature: _____ Date: _____	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

MIND RISK CATEGORY II ASCET-16 95 MPH EXPOSURE FACTOR C	FLOOD DESIGN 1. FEMA FIRM PANEL #: 06031C0100P 2. EFFECTIVE DATE: 9/26/2008 3. FLOOD ZONE: ZONE X
SEISMIC RISK CATEGORY II SITE CLASS D S ₀ 1.996 S ₁ 0.31 S _{1S} 2.323 S _{1M} *NULL S _{1L} 1.549 S ₂ *NULL S _{2L} *NULL SDC 1.2 F _a *NULL F _v 0.89 CR ₁ 0.876 F _{pa} 0.838 F _{paA} 1.005 T _L 12 S ₁ RT 2.446 S _{1UH} 2.747 S _{1D} 1.936 S _{1RT} 1.033 S _{1UH} 1.178 S _{1D} 0.21 PSAD 0.838	GEOTECH SITE IS NOT WITHIN A MAPPED LIQUEFACTION HAZARD ZONE

*SEE SECTION 11.4.8

P.T.N: 64246-101

GENERAL NOTES

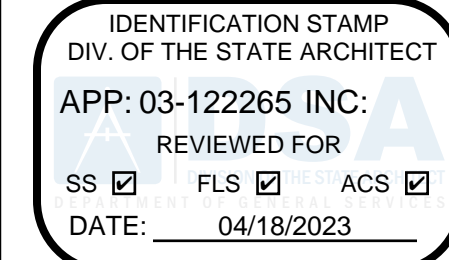
- A AB.....AGGREGATE BASE
ABV.....ALVANIZE
ACC.....ACCESS
ADJ.....ADJACENT
AC.....AIR CONDITIONING
AC.....ASPHALTIC CONCRETE
ALT.....ALTERNATE
ALUM.....ALUMINUM
AB.....ANCHOR BOLT
ANOD.....ANODIZED
ARCH.....ARCHITECT
- G GA.....GAGE/GAUGE
GALV.....GALVANIZE
GC.....GENERAL CONTRACTOR
GLB.....GLU LAM BEAM/GLASS BLOCK
GB.....GRADE BEAM/GRADE BAR
GYP BD.....GYPSUM WALL BOARD
- P PL.....PLATE
POG.....POINT OF CONNECTION
PA.....PLANTER AREA
PSI.....POUNDS PER SQUARE INCH
P.....PROPERTY LINE
(P).....PROPOSED
PH.....PANIC HARDWARE
PVC.....POLYVINYL CHLORIDE (PIPE)
- H HDR.....HEADER
HVAC.....HEATING, VENTILATING AND AIR CONDITIONING
HB.....HOSE BIB
HW.....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
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
MISC.....MISCELLANEOUS
MOD.....MODULE (LAR)
- N NRC.....NOISE REDUCTION COEFFICIENT
NOM.....NOMINAL
NIC.....NOT IN CONTRACT
NTS.....NOT TO SCALE
NO.....NUMBER
(N).....NEW
- O O/C.....ON CENTER
OPP.....OPPOSITE
OD.....OUTSIDE DIAMETER
OVB.....OVAL-HEAD MACHINE BOLT
OVB.....OVAL-HEAD WOOD SCREW
OH.....OVERHEAD
OVC.....OWNER FURNISHED CONTRACTOR INSTALLED
- 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.....T-JOINT
T&G.....TONGUE & GROOVE
T.S.....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
W.....WALL
W/O.....WITHOUT
WI.....WROUGHT IRON

ABBREVIATIONS

SYMBOLS

PROJECT DIRECTORY

SITE SPECIFIC DESIGN CRITERIA



REVISIONS BY



ENGINEER

ARCHITECT



PROJECT:
NEW SHADE STRUCTURE AND RELATED SITE WORK
AT WILLIAM J. "PETE" KNIGHT HIGH SCHOOL
37425 10TH ST E, PALMDALE, CA 93552

SHEET NAME:

COVER SHEET

DATE: November, 2022
DRAWN: _____
JOB: ANT21-01d
SHEET: _____

CS

BID SET

THIS DOCUMENT AND ITS CONTENTS ARE THE SOLE PROPERTY OF FRICK, FRICK & JETTÉ ARCHITECTS, INC. AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF FRICK, FRICK & JETTÉ ARCHITECTS, INC.

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 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.
- 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 ENCOMBERED 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(IES). 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.

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. REQUESTS FOR APPROVED BY 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 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.
- 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:

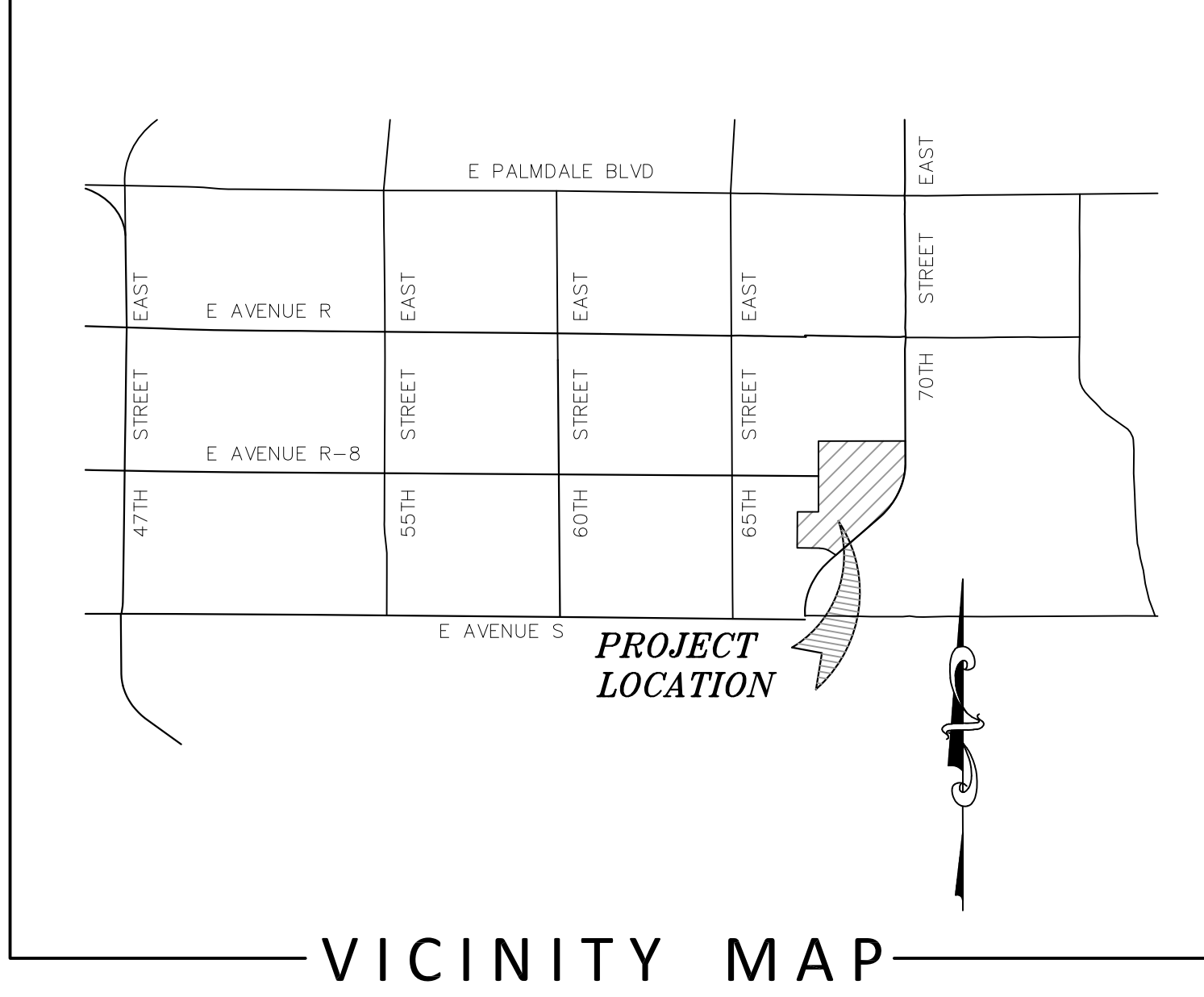
A TEMPORARY BENCHMARK WAS SET WITH A PK NAIL AND SHINER AT TBM#1, APPROXIMATELY 26.5 FEET NORTH OF THE LARGE GYM, BUILDING J, ON THE SOUTHERN EDGE STRIPING OF THE BASKETBALL COURT.

LEGEND (WHERE APPLICABLE)

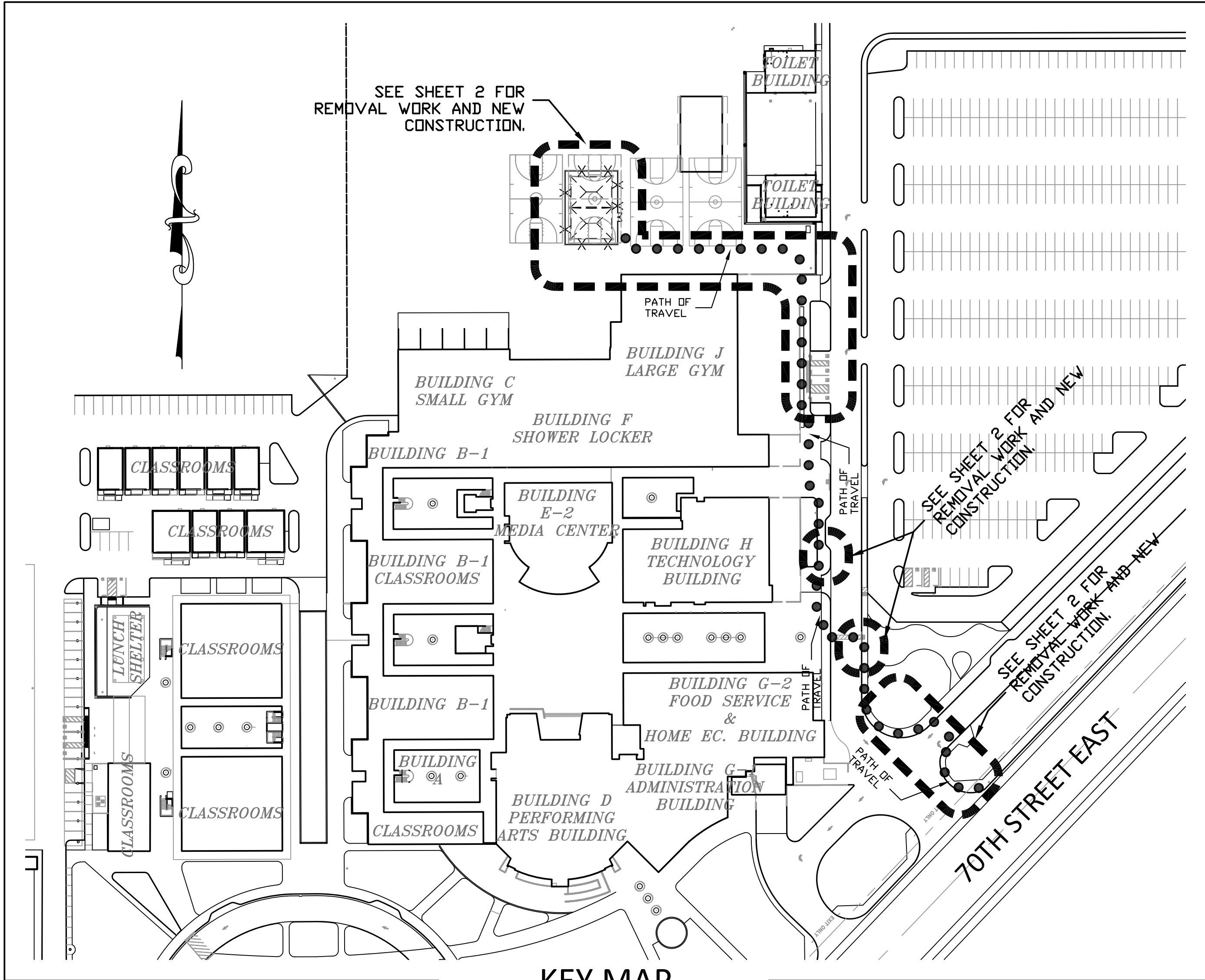
- 0.000' S
0.000' S
- EXISTING SPOT ELEVATION
- BUILDING LINE
- EX. CURB & GUTTER
- EX. CHAIN LINK FENCE
- EX. W1 FENCE
- NEW CHAIN LINK FENCE
- EX. SIGN
- TEMPORARY BENCHMARK

- | | | | |
|------|---------------------|------|---------------------|
| 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 |
| CDCN | CONCRETE | SDMH | STORM DRAIN MANHOLE |
| 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 DOMES |
| EX | EXISTING | TW | TOP OF WALL |
| FCE | CHAINLINK FENCE | TX | TOP OF X |
| FF | FINISH FLOOR | VLT | VAULT |
| FH | FIRE HYDRANT | WM | WATER METER |
| FL | FLOW LINE | WV | WATER VALVE |
| FDW | FACE OF WALL | PB | PULL BOX |

S.P.P.W.C. STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION



VICINITY MAP



KEY MAP

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122265 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 04/18/2023

REVISIONS
BY

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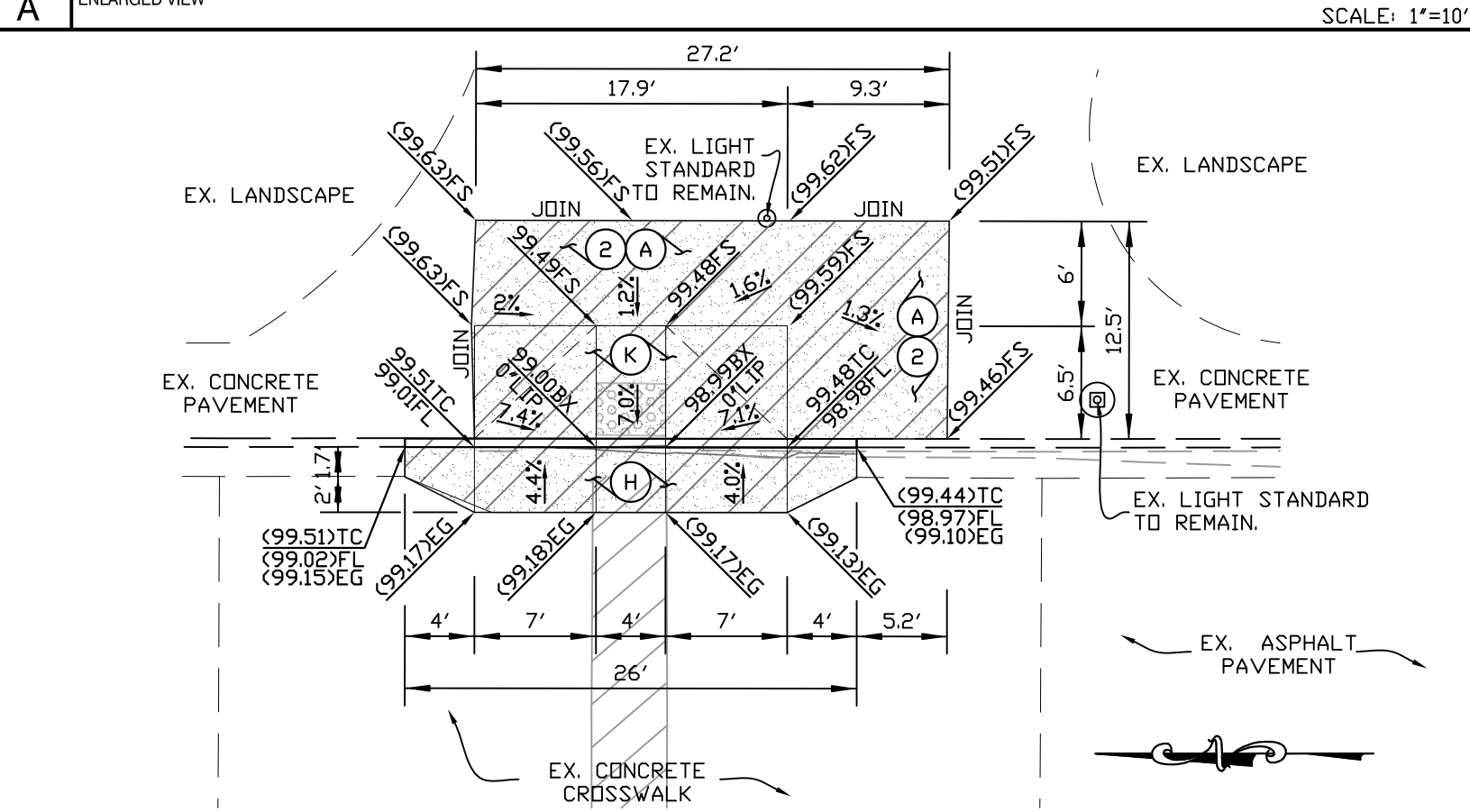
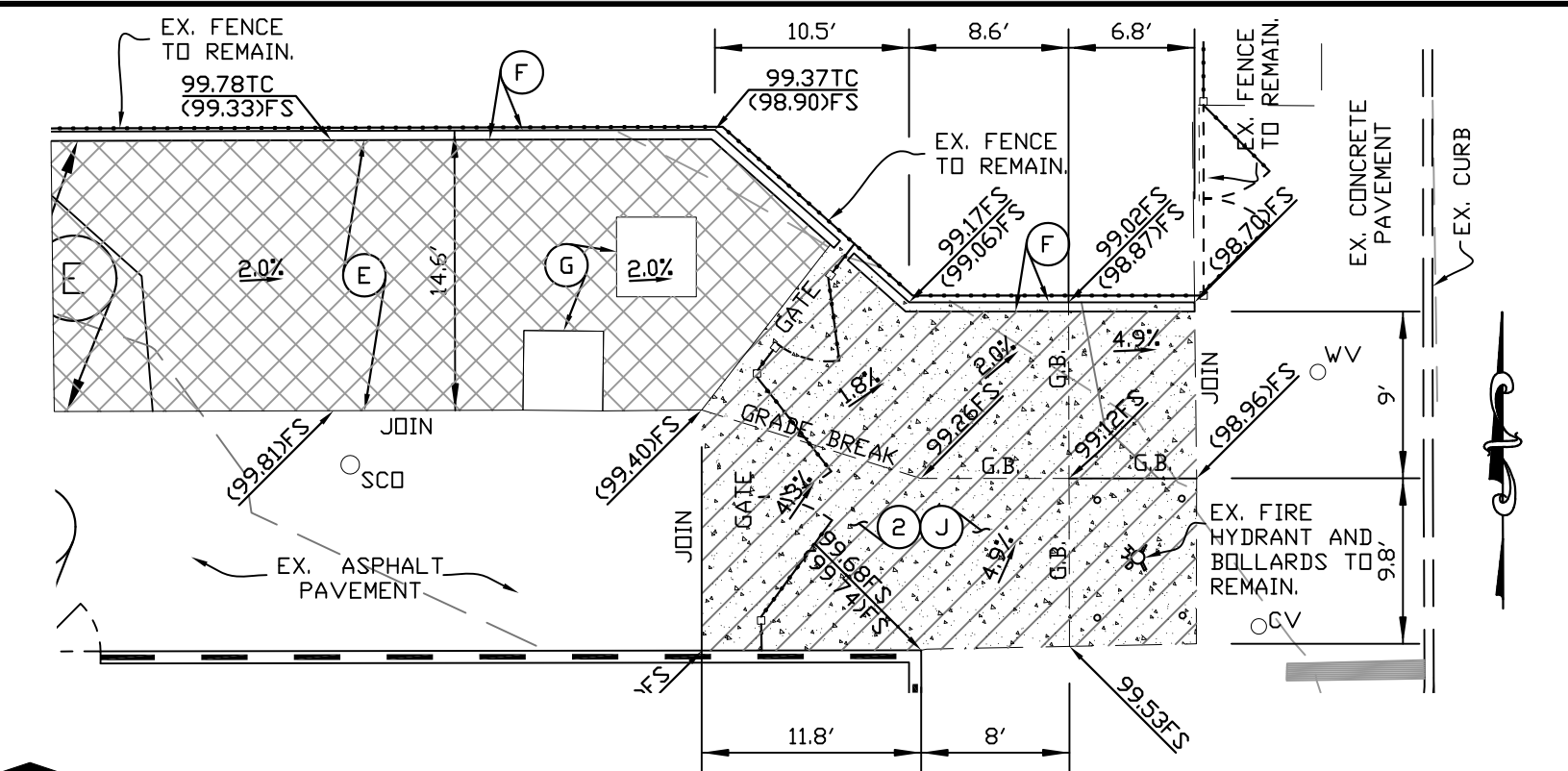
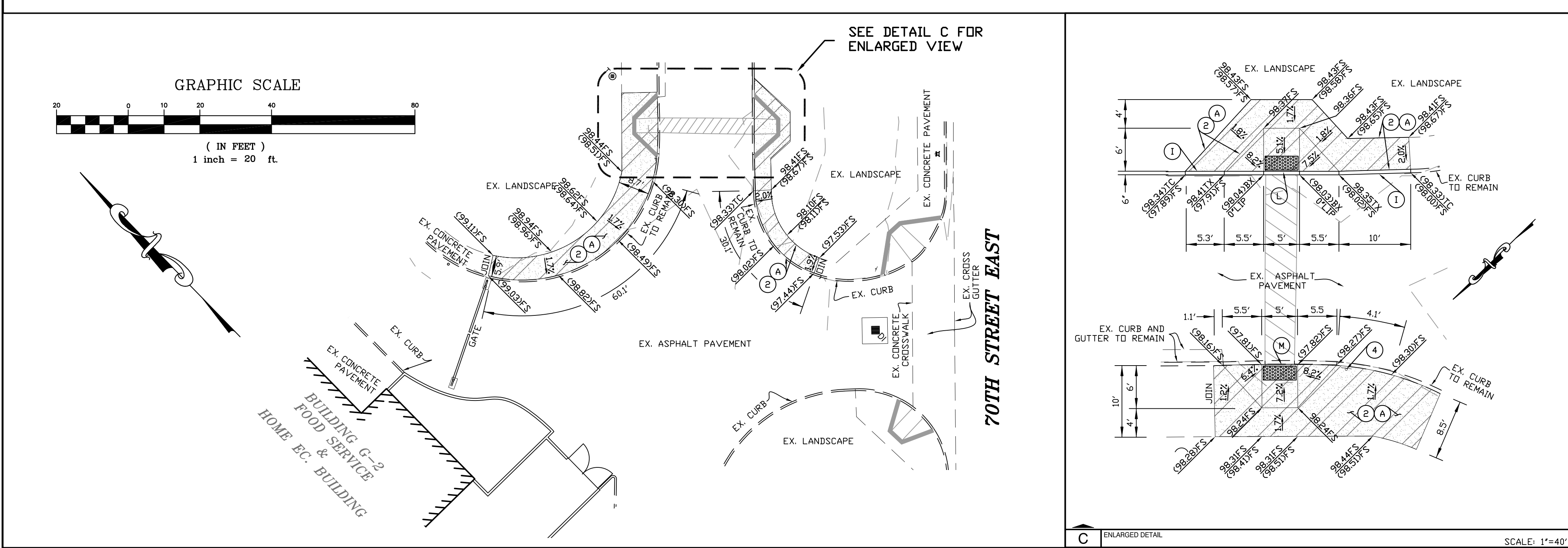
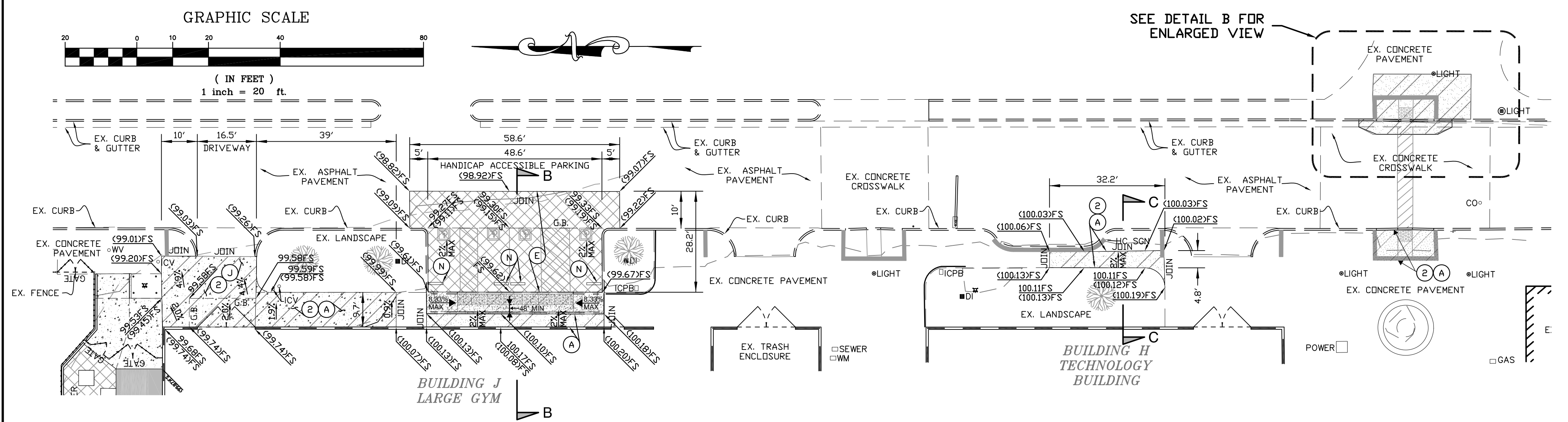
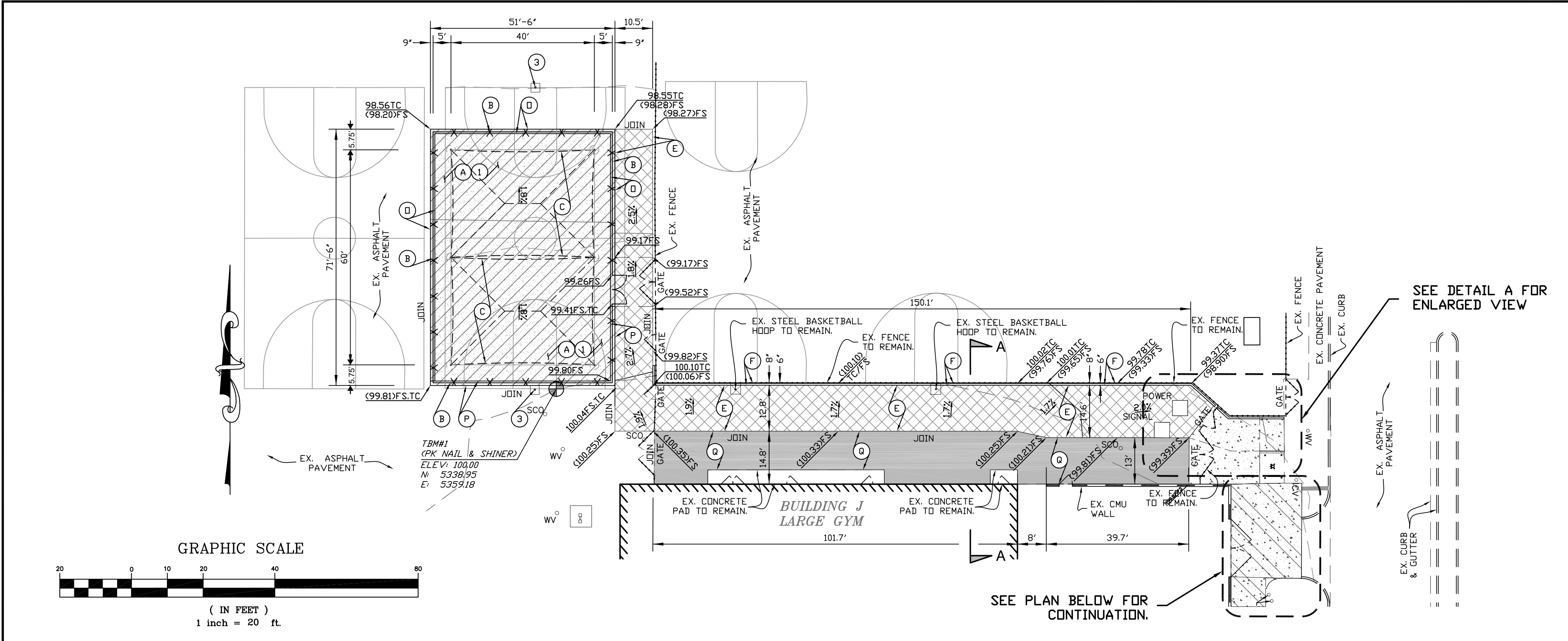
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ARCHITECT
LICENSED ARCHITECT
JACOB J. FRICK
No. C-27546
REN. 6-2023
STATE OF CALIFORNIA

PROJECT: NEW SHADE STRUCTURE AND A.D.A. PATH-OF-TRAVEL MITIGATION
KNIGHT HIGH SCHOOL
37423 70TH ST E
LANCASTER, CA 93552
SHEET NAME: GRADING IMPROVEMENT PLAN

DATE: 04/18/2022
DRAWN: LM
JOB: JT2316
SHEET: C-1



ENLARGED VIEW SCALE: 1"=10'

ENLARGED VIEW SCALE: 1"=10'

KEY NOTES

- (A) CONSTRUCT NEW 5" 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) NOT USED.
- (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) CONSTRUCT RETAINING CONCRETE CURB OF VARIABLE HEIGHT (5/3).
- (G) ADJUST EXISTING UTILITIES FLUSH TO NEW GRADE.
- (H) CONSTRUCT WIDENED GUTTER AT BASE OF RAMP WITH THE CONFIGURATON SHOWN ON DETAIL B.
- (I) CONSTRUCT CONCRETE BARRIER-TYPE CURB, TYPE A1-6 PER STD. 120-2 OF THE SPPWC. SEE PLAN FOR ELEVATIONS.
- (J) CONSTRUCT NEW 6" THICK P.C.C. (3000 PSI COMPRESSIVE STRENGTH) REINFORCED WITH #4 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.
- (K) CONSTRUCT CONCRETE CURB RAMP PER DIMENSIONS SHOWN ON DETAIL B AND (20/A-5).
- (L) CONSTRUCT CONCRETE CURB RAMP PER DIMENSIONS SHOWN ON DETAIL C AND (20/A-5).
- (M) CONSTRUCT CONCRETE CURB RAMP PER DIMENSIONS SHOWN ON DETAIL C AND (20/A-5).
- (N) REMOVE EXISTING WHEEL STOP DURING CONSTRUCTION AND REPLACE WITH SAME OR SIMILAR WHEEL STOP AFTER REPAVING.
- (O) CONSTRUCT THICKENED CONCRETE PAVEMENT EDGE PER DETAIL 4 ON SHEET 3.
- (P) CONSTRUCT RETAINING CURB AT FENCE LINE PER DETAIL 5 ON SHEET 3.
- (Q) CONSTRUCT FOG SEAL ON EXISTING ASPHALT PAVEMENT.

DEMOLITION KEY NOTES

- (1) SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT AND BASE.
- (2) SAWCUT AND REMOVE EXISTING CONCRETE WALK.
- (3) REMOVE AND SALVAGE EXISTING BASKETBALL POLE, BACKBOARD, AND HOOP TO THE DISTRICT. FILL AND REPAIR FINISHED SURFACE TO MATCH EXISTING.
- (4) REMOVE EXISTING SIGN.

ENLARGED DETAIL SCALE: 1"=40'

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APP: 03-122265 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 04/18/2023

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PROJECT:
NEW SHADE STRUCTURE AND A.D.A.
PATH-OF-TRAVEL MITIGATION
KNIGHT HIGH SCHOOL
37423 70TH ST E
LANCASTER, CA 93552

SHEET NAME:
GRADING IMPROVEMENT PLAN

DATE:
04/18/2022

DRAWN:
LM

JOB:
J72316

SHEET:
C-2

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- (4) REMOVE EXISTING SIGN.

1 A-A TYPICAL SECTION (not to scale)

2 B-B TYPICAL SECTION (not to scale)

3 C-C TYPICAL SECTION (not to scale)

4 THICKENED EDGE DETAIL (NOT TO SCALE)

5 RETAINING AT FENCE LINE (NOT TO SCALE)

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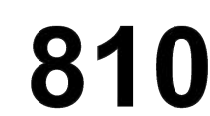
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LICENSED ARCHITECT
No. 0-27546
Ren. 6-2023
STATE OF CALIFORNIA

PROJECT: NEW SHADE STRUCTURE AND A.D.A. PATH-OF-TRAVEL MITIGATION
KNIGHT HIGH SCHOOL
37423 70TH ST E
LANCASTER, CA 93552
SHEET NAME: GRADING IMPROVEMENT PLAN

DATE: 04/18/2022
DRAWN: LM
JOB: JT2316
SHEET: C-3

KNIGHT HIGH SCHOOL

BID SET



PROJECT INFORMATION	
School District/Owner:	ANTELOPE VALLEY UNION HIGH SCHOOL DISTRICT
Project Name/School:	WILLIAM J. "PETE" KNIGHT HIGH SCHOOL
Project Address:	37423 70th St E, Palmdale, CA 93552

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

DGS DSA 810 (revised 12/29/20) Page 2 of 4
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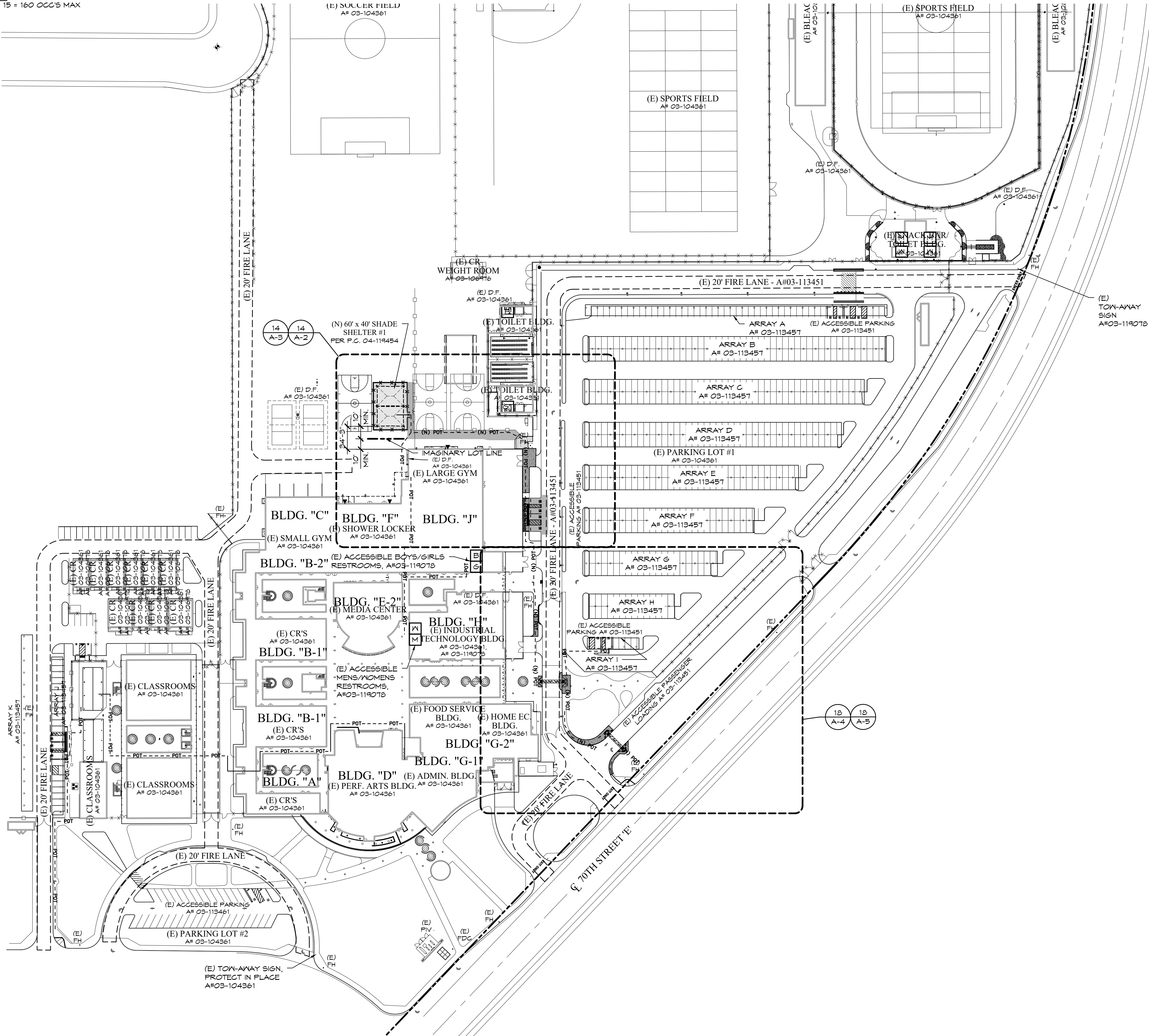
BID SET

SHEET SIZE: ARCH D (24"x36")
PLOT DATE: 11/3/2022 1:51 AM

Z:\ANTELOPE VALLEY\ANT1-01 - S55 - 1 VARIOUS SITES\ANT21-01D - KNIGHT HS\ARCHA-1 OVERALL SITE PLANDING

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 (A1)	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)					
					1	1	40	10	6,000				-	0.00	6,000	6,000	0.40	0.40	

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

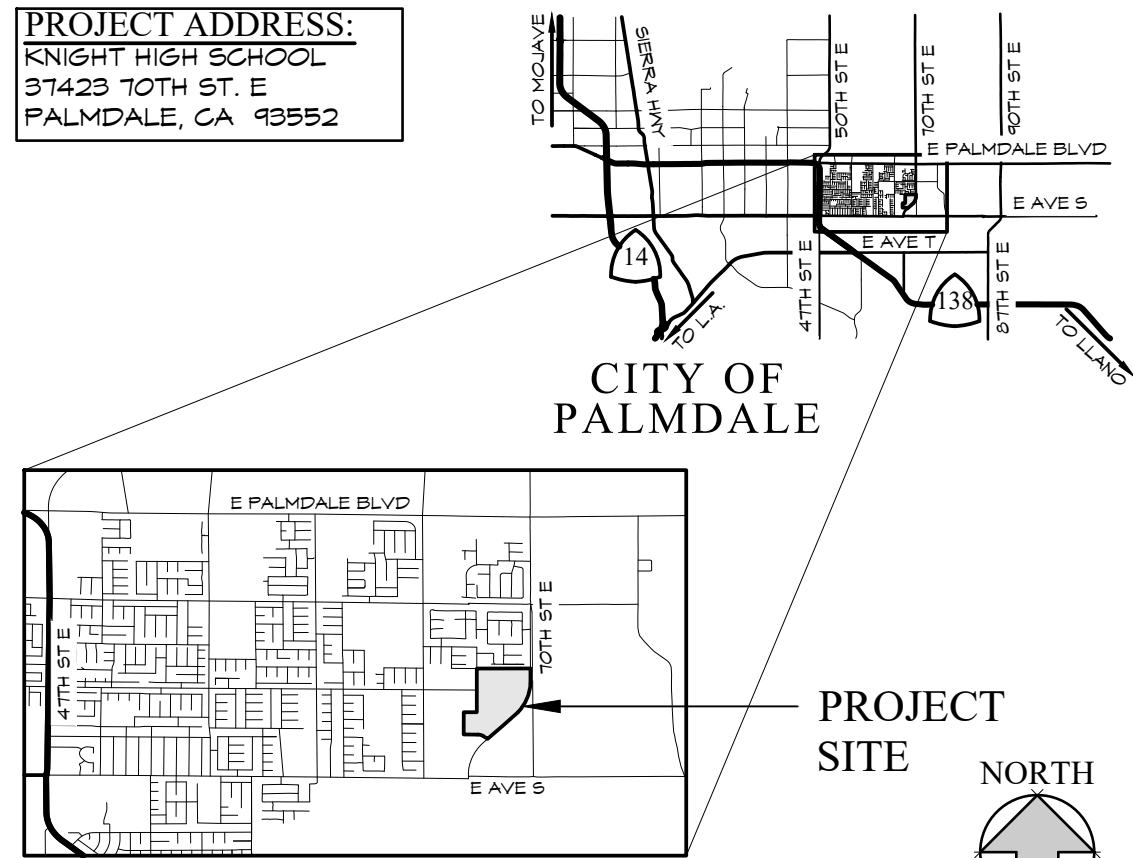


OVERALL SITE PLAN

SCALE:
1" = 80'

1

PROJECT ADDRESS:
KNIGHT HIGH SCHOOL
37423 70TH ST. E
PALMDALE, CA 93552



ENLARGED MAP

VICINITY MAP

SCALE:
1" = 40'

2

- "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".

GENERAL NOTES

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	-
1001	AND OVER	-

*2% OF TOTAL
**20, PLUS 1 FOR EACH 100, OR FRACTION THEREOF, OVER 1000

PARKING LOT #3		
	REQUIRED	PROVIDED
# OF STANDARD PARKING SPACES:		515
# OF ACCESSIBLE SPACES:	10	10
OF THOSE, # OF VAN PARKING:	2	2
TOTAL PARKING SPACES:		525

PARKING COUNT

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-122265 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 04/18/2023

REVISIONS	BY

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Frick, Frick & Jetté Architects
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Apple Valley, CA 92308
(760) 240-6211 • www.ffj-arch.com
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ARCHITECT



PROJECT:
NEW SHADE STRUCTURE AND RELATED SITE WORK
AT WILLIAM J. "PETE" KNIGHT HIGH SCHOOL
37423 70TH ST. E. PALMDALE, CA 93552

DATE:

November, 2022

DRAWN:

JOB:

ANT21-01d

SHEET:

SHEET NAME:

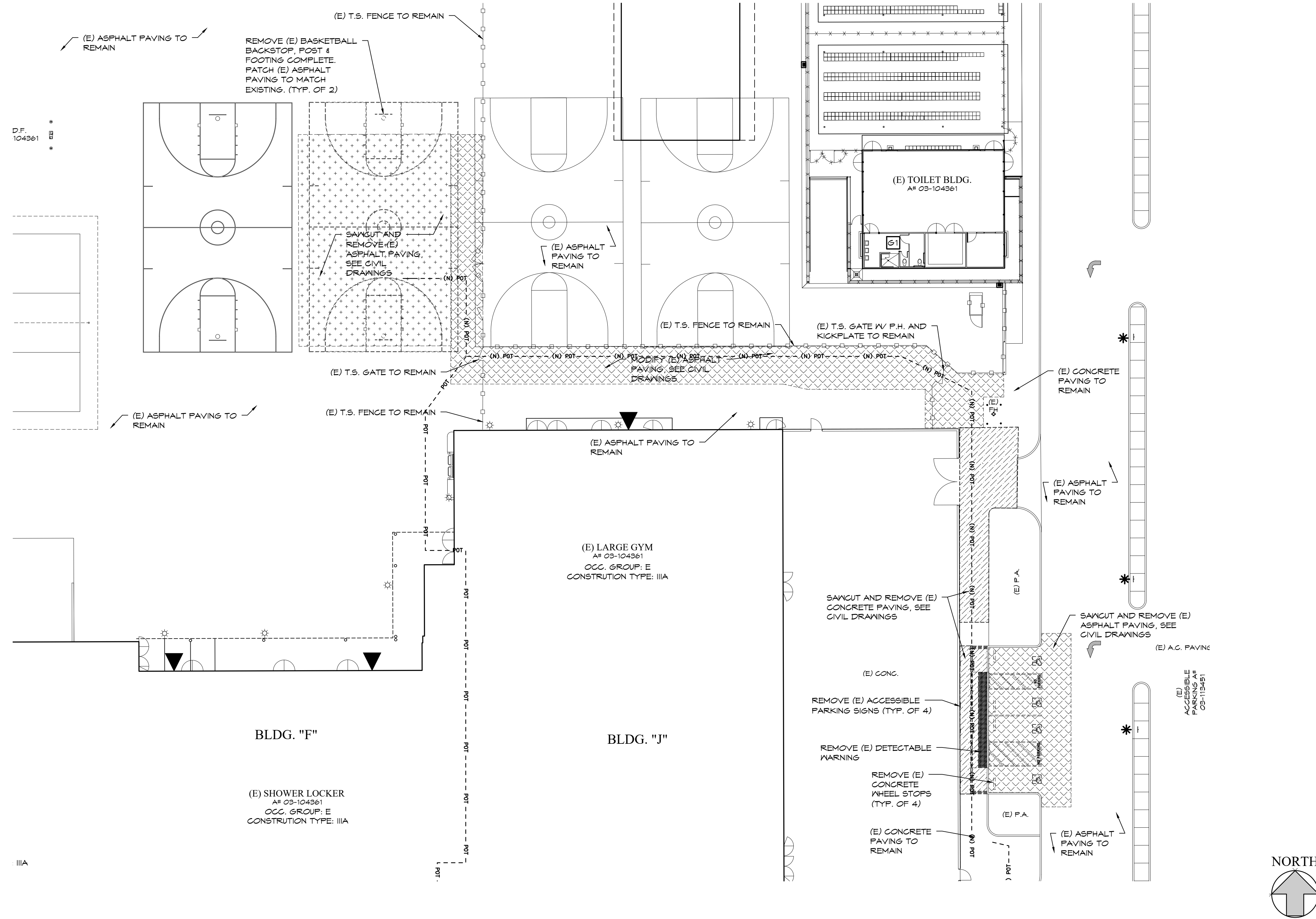
OVERALL SITE PLAN

A-1

BID SET

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KNIGHT HIGH SCHOOL



ENLARGED DEMO SITE PLAN - NORTH

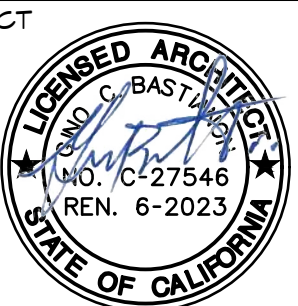
SCALE:
1" = 20'

14

REVISIONS	BY



ENGINEER



NEW SHADE STRUCTURE AND RELATED SITE WORK
AT WILLIAM J. "PETE" KNIGHT HIGH SCHOOL

37423 70TH ST E, PALMDALE, CA 93552

ENLARGED DEMO SITE PLAN - NORTH

DATE: November, 2022

DRAWN: _____

DOB: _____

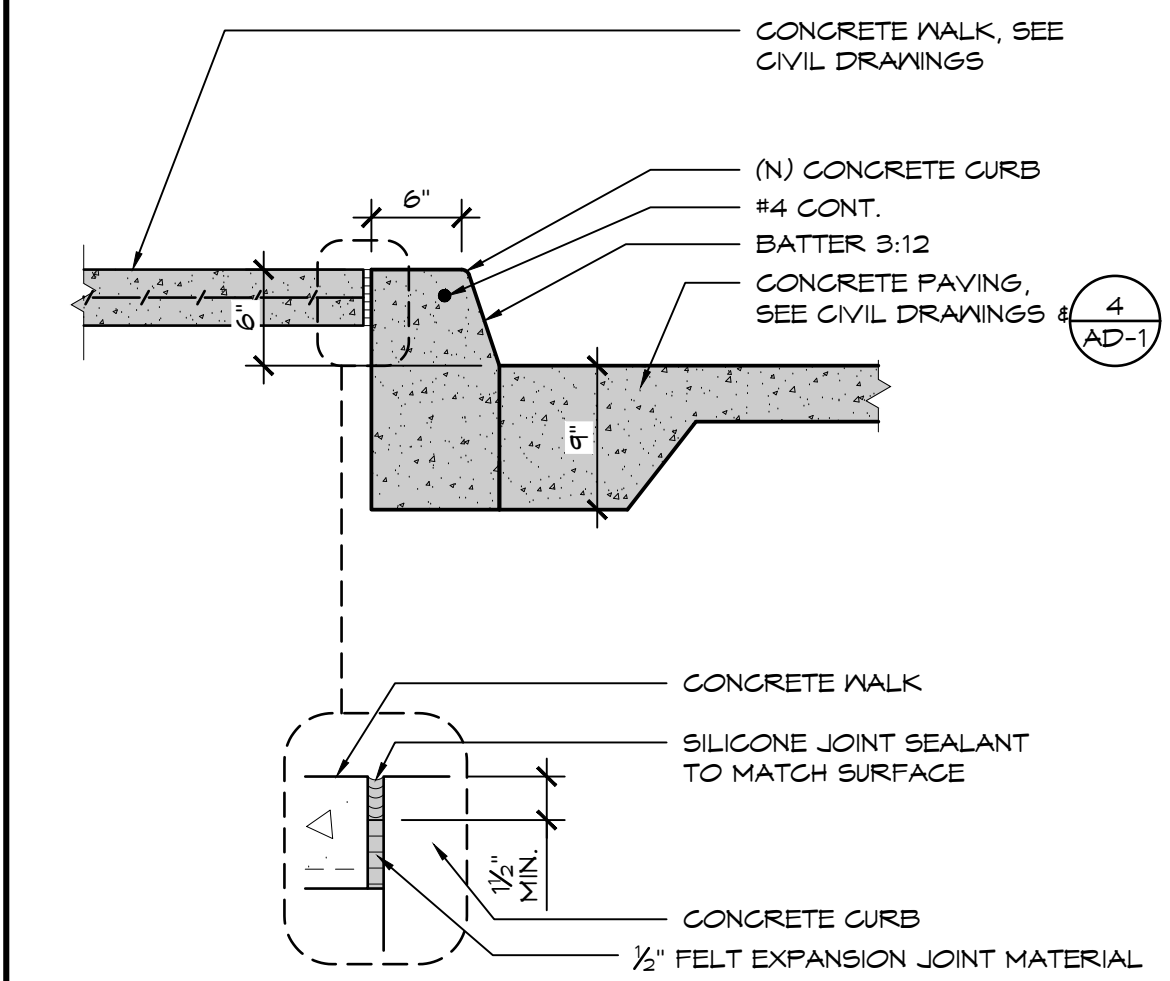
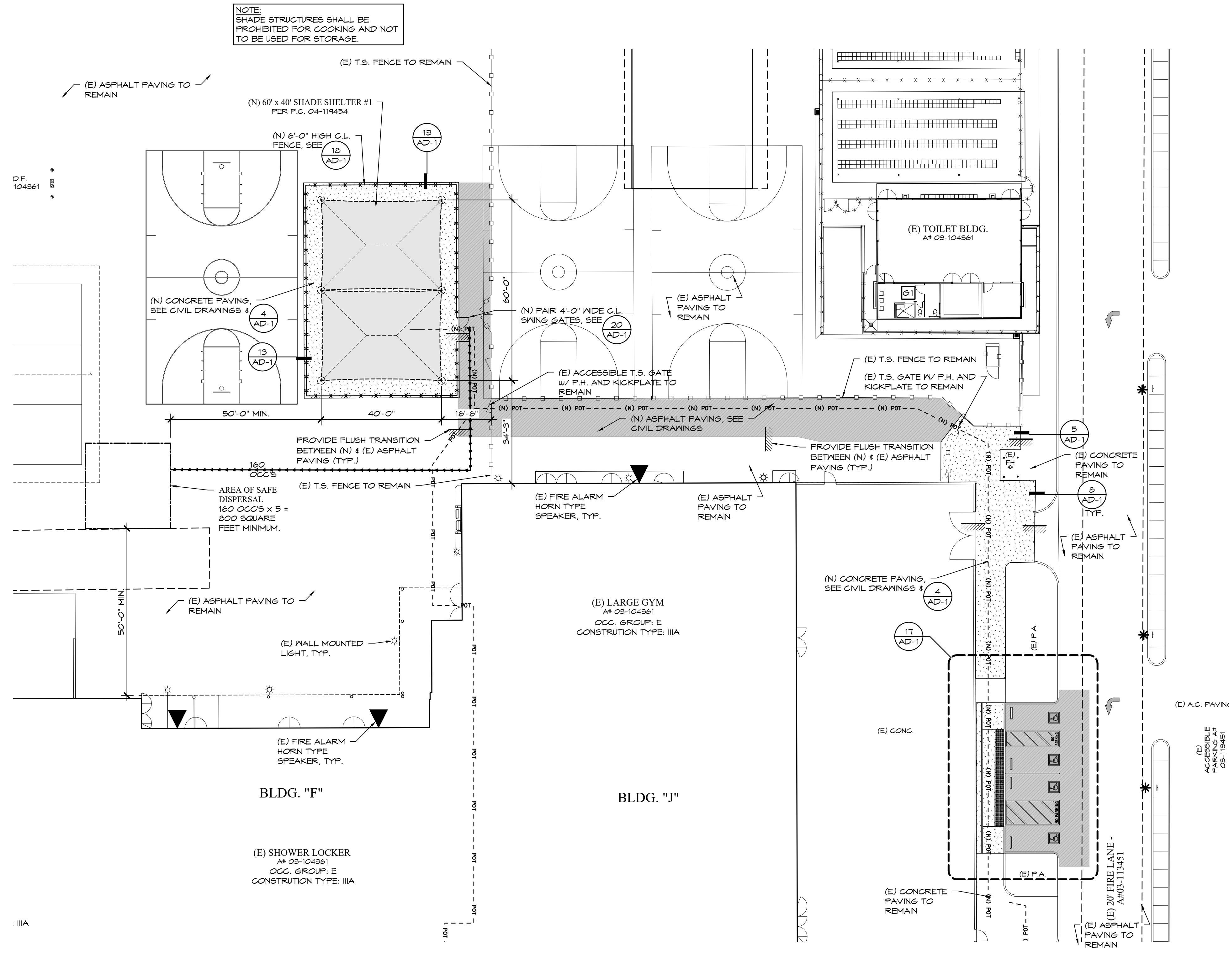
HEET: ANT21-01d

A-2

BID SET

XREFS:


Z:\ANTELOPE VALLEY\ANT21-01 - S55 - 7 VARIOUS SITES\ANT21-01D - KNIGHT H5\ARCH\A-3 ENLARGED NEW SITE PLAN - NORTH.DWG



SCALE:
1" = 1'-0"

5

BY



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NEW SHADE STRUCTURE AND RELATED SITE WORK
AT WILLIAM J. "PETE" KNIGHT HIGH SCHOOL

37423 70TH ST E, PALMDALE, CA 93552

ENLARGED NEW SITE PLAN - NORTH

PROJECT:

DATE: November, 2022

DRAWN:

JOB: _____

ANT21-01d

SHEET:

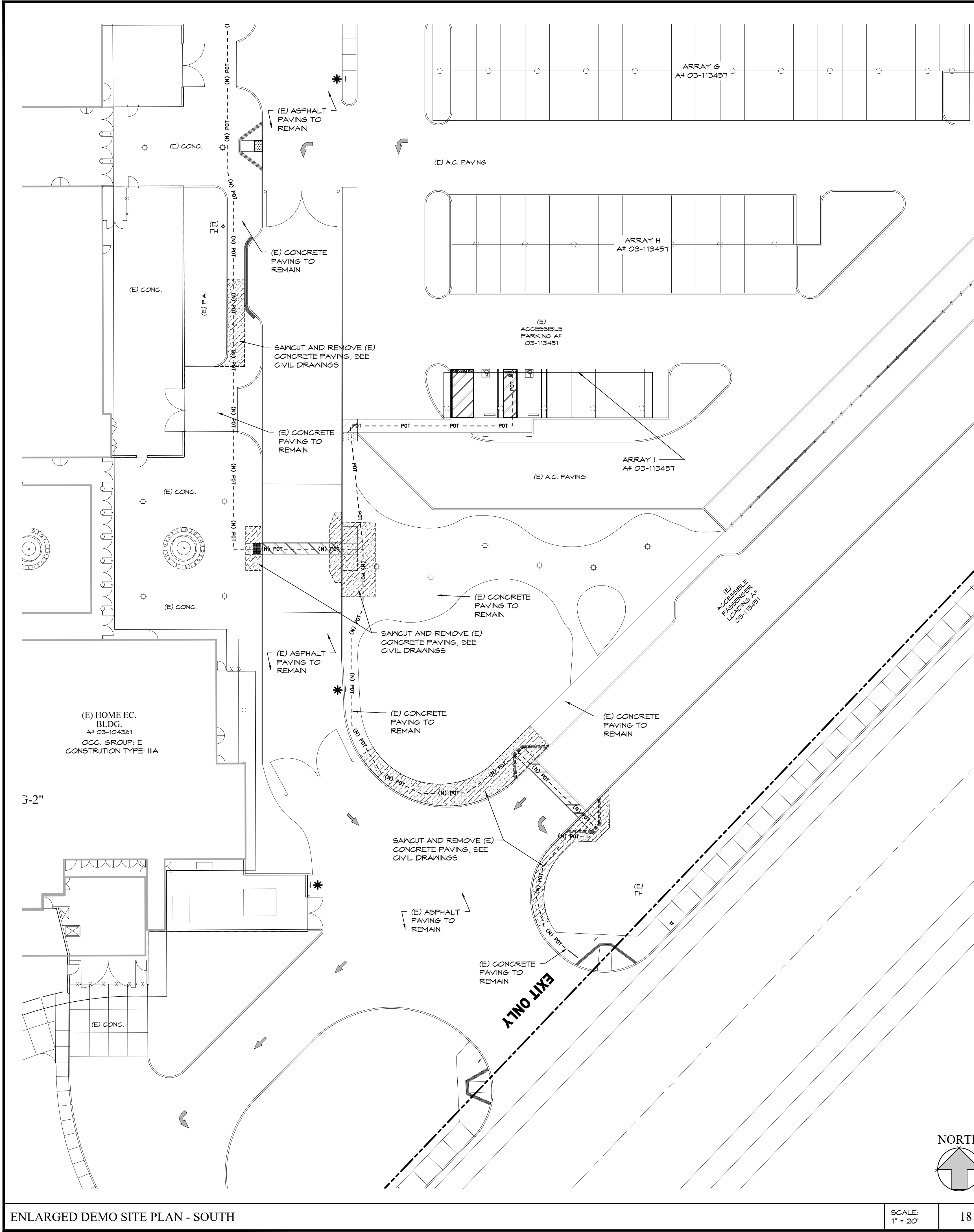
A-3

BID SET

THESE DOCUMENTS AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF A PROFESSIONAL
KNIGHT HIGH SCHOOL

SHEET SIZE: ARCH D (24"x36")
PLOT DATE: 11/3/2022 1:52 AM

Z:\ANTELOPE VALLEY\ANT21-01 - S.S. - 1 VARIOUS SITES\ANT21-01D - KNIGHT H&ARCHA-4 ENLARGED DEMO SITE PLAN - SOUTH.DWG



ENLARGED DEMO SITE PLAN - SOUTH

SCALE:
1" = 20'

18

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PROJECT:
NEW SHADE STRUCTURE AND RELATED SITE WORK
AT WILLIAM J. "PETE" KNIGHT HIGH SCHOOL
31425 70TH ST E, PALMDALE, CA 93552

DATE: November, 2022
DRAWN:
JOB: ANT21-01d
SHEET:

A-4

SHEET NAME:
ENLARGED DEMO SITE PLAN - SOUTH

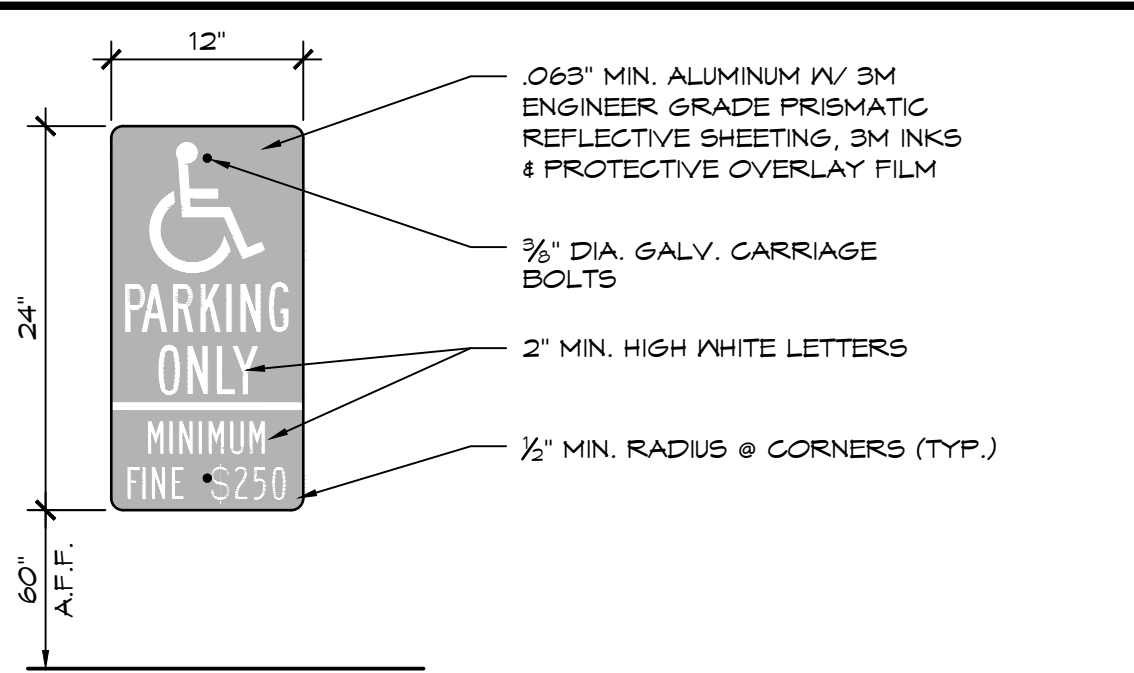
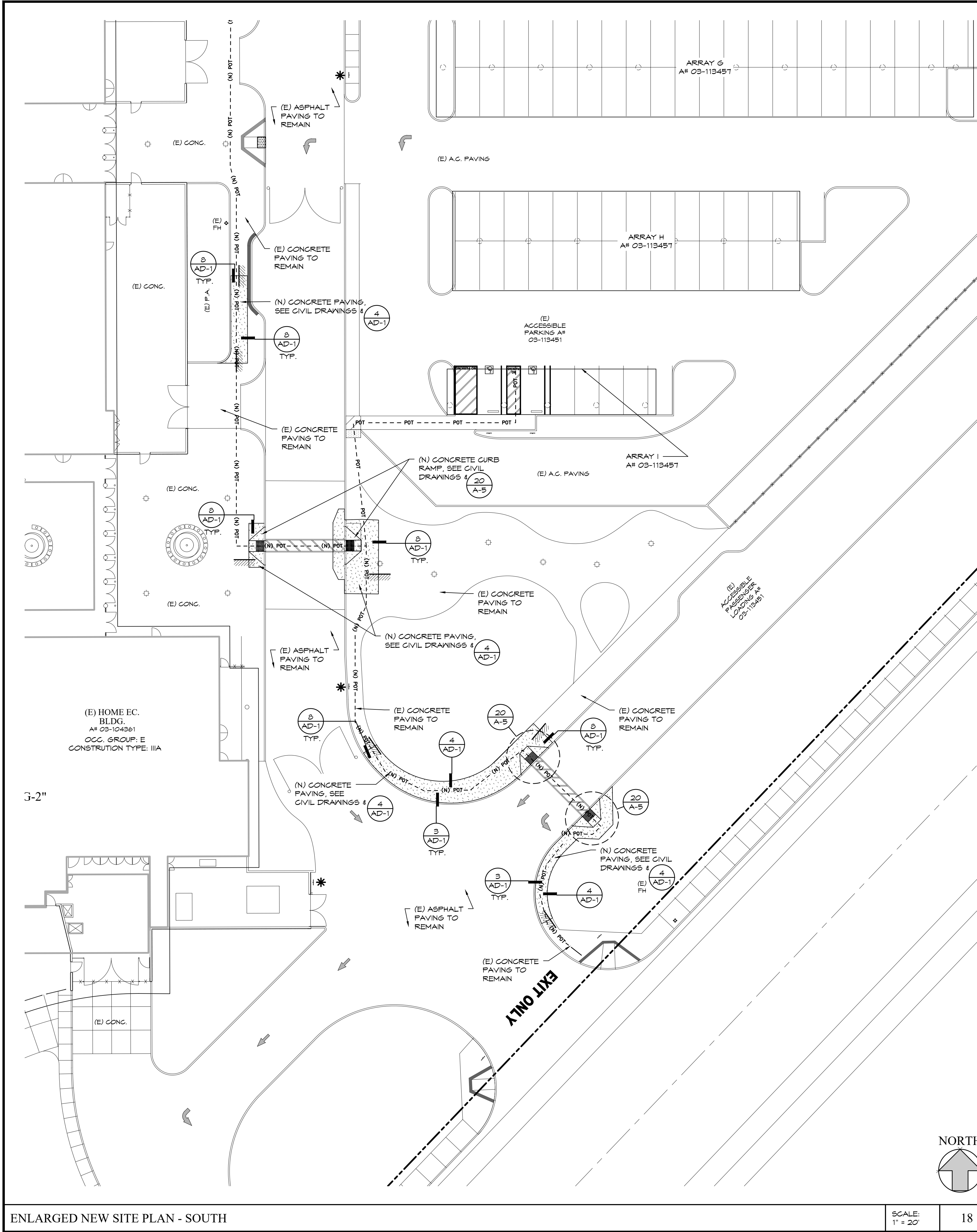
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KNIGHT HIGH SCHOOL

BID SET

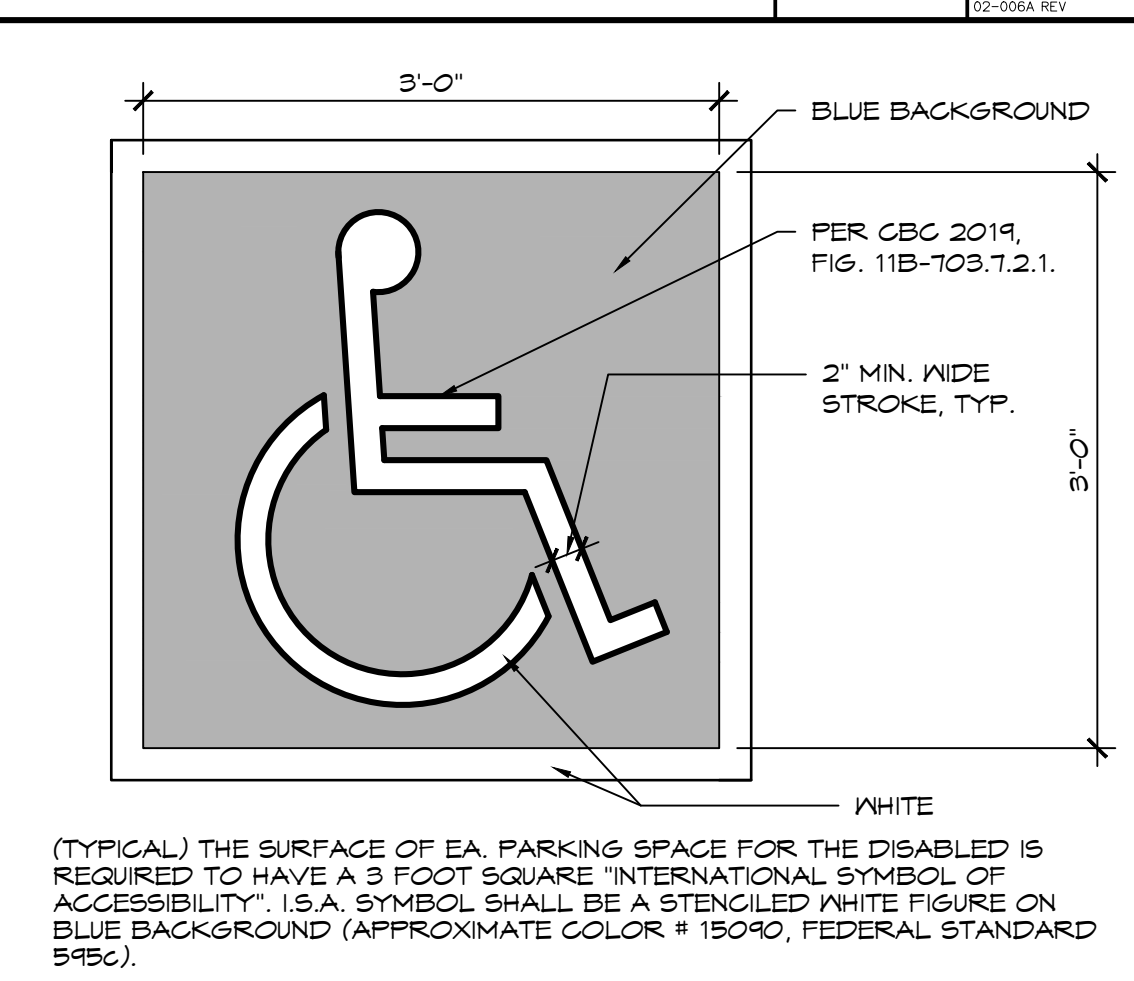
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PLOT DATE: 11/3/2022 1:51 AM

Z:\ANTELOPE VALLEY\ANT21-01 - S.S. - 1 VARIOUS SITES\ANT21-01D - KNIGHT HS\ARCH-A-5 ENLARGED NEW SITE PLAN - SOUTH.DWG



- NOTES:
- INTERNATIONAL SYMBOL OF ACCESSIBILITY (I.S.A.) MUST BE REFLECTORIZED PAINT, A WHITE FIGURE ON BLUE BACKGROUND (COLOR #15040, FEDERAL STANDARD 595C).
 - I.S.A. PROPORTIONS PER 2019 C.B.C., 11B-703.7.2.1
 - FOR VAN SIGN, SEE (S A-5) (FOR LOCATION SEE SITE PLAN)

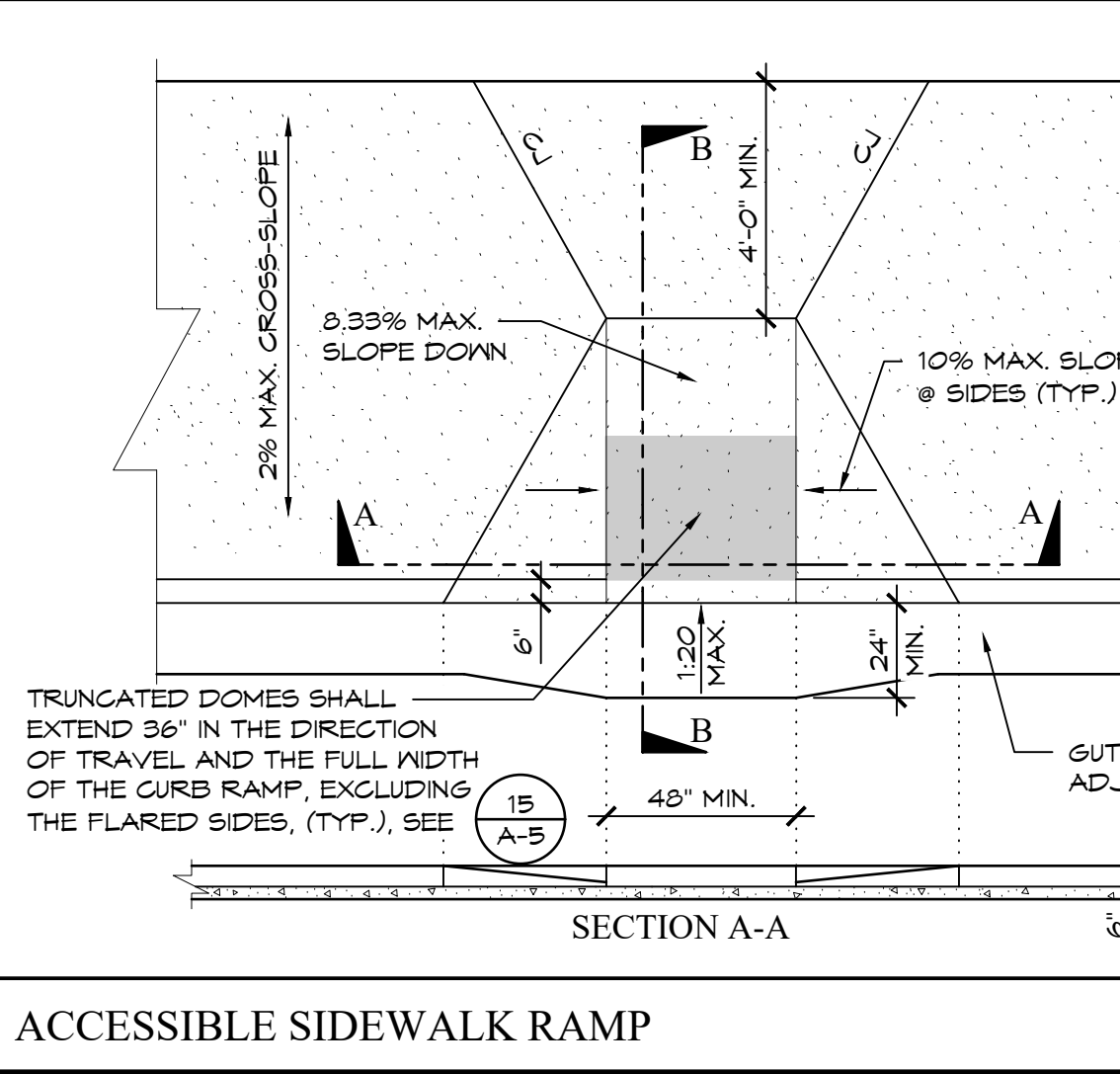
ACCESSIBLE AUTO PARKING SIGN



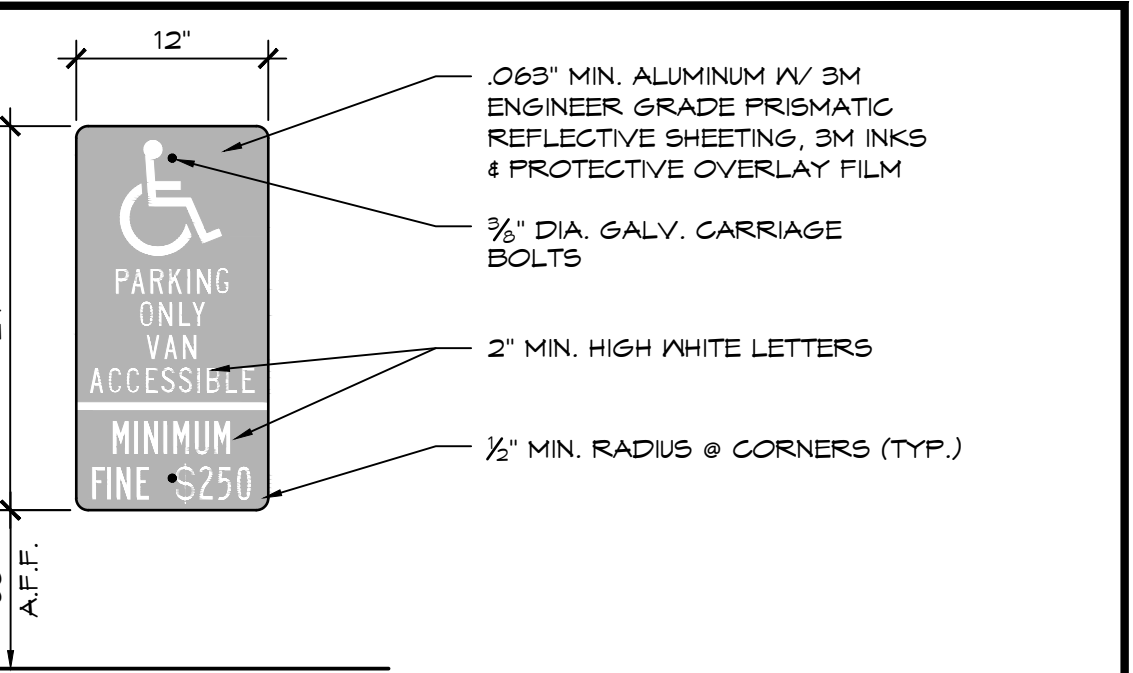
INTERNATIONAL SYMBOL OF ACCESSIBILITY



TRUNCATED DOMES DETECTABLE WARNING STRIPS

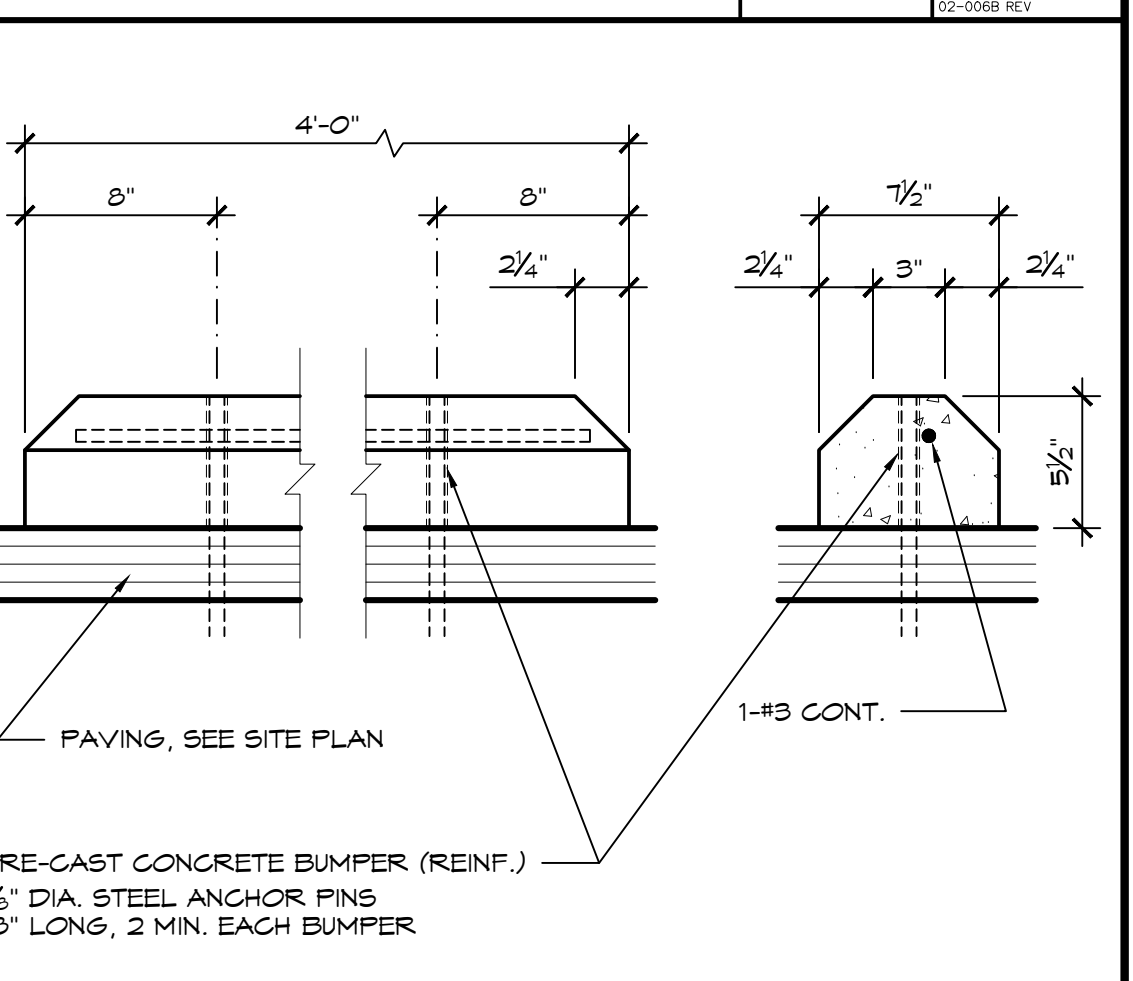


ACCESSIBLE SIDEWALK RAMP

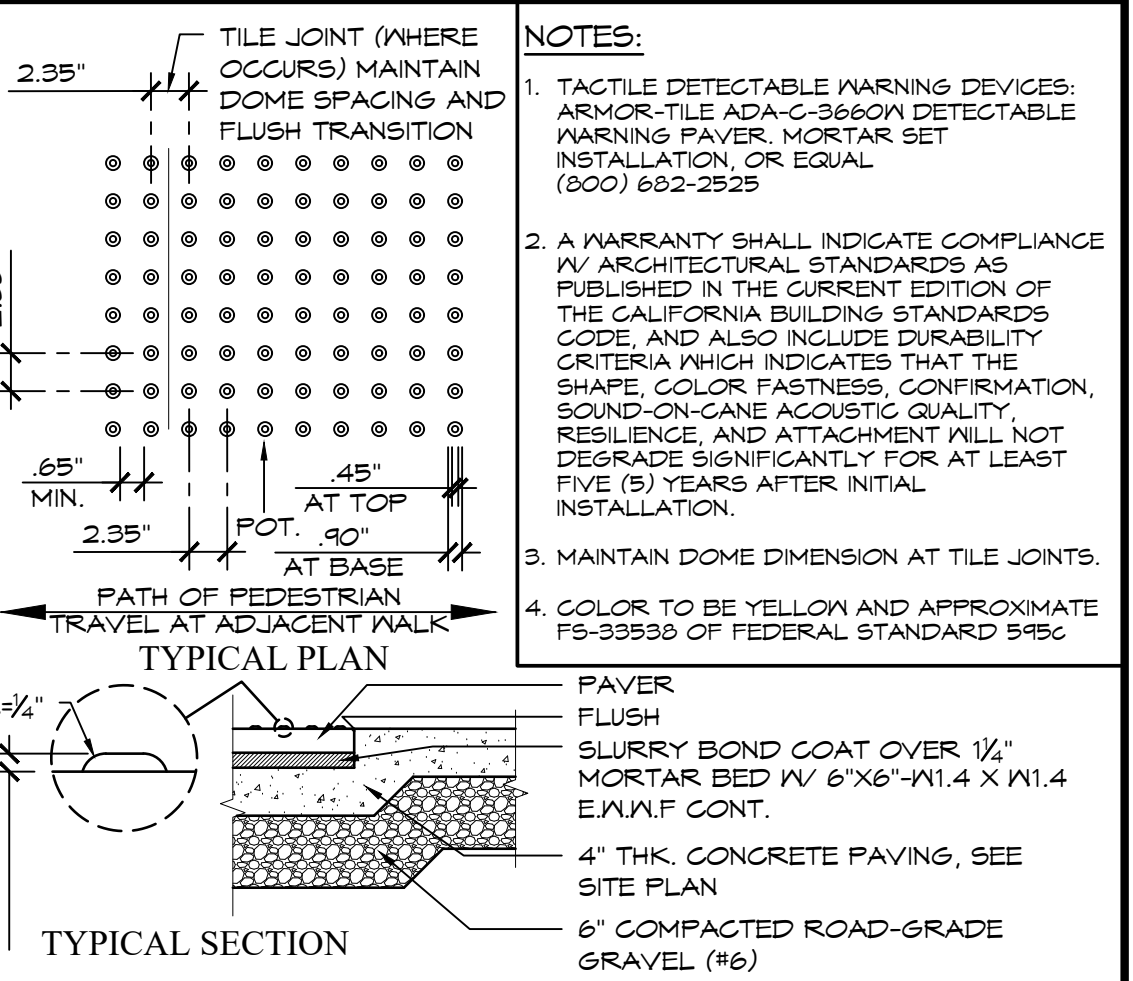


- NOTES:
- INTERNATIONAL SYMBOL OF ACCESSIBILITY (I.S.A.) MUST BE REFLECTORIZED PAINT, A WHITE FIGURE ON BLUE BACKGROUND (COLOR #15040, FEDERAL STANDARD 595C).
 - I.S.A. PROPORTIONS PER 2019 C.B.C., 11B-703.7.2.1

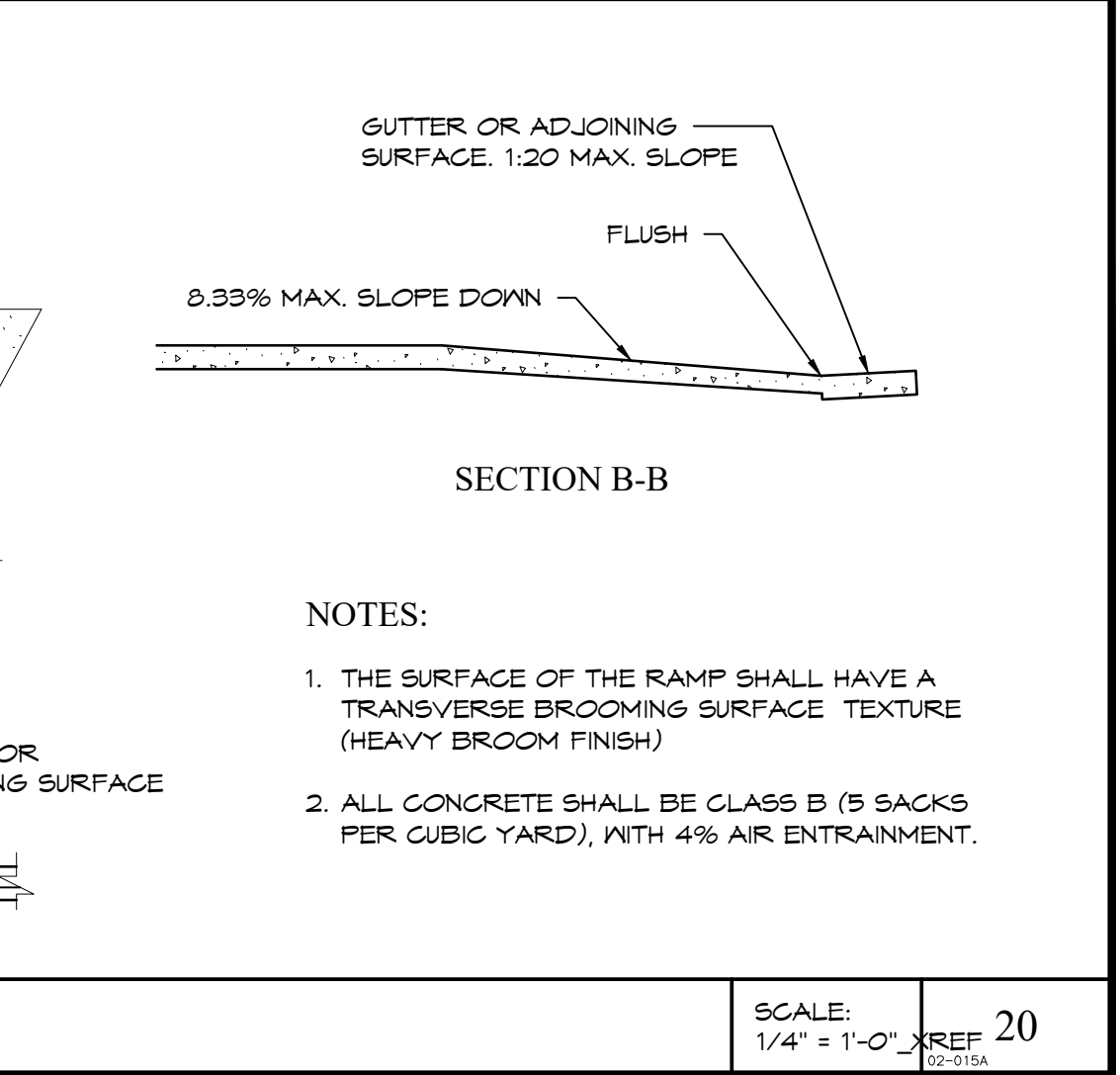
ACCESSIBLE VAN PARKING SIGN



PARKING SPACE WHEEL STOP



TRUNCATED DOMES DETECTABLE WARNING STRIPS



ACCESSIBLE SIDEWALK RAMP

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ARCHITECT
LICENSED ARCHITECT
NO. C-27546
EXPIRATION DATE: 6-2023

PROJECT:
NEW SHADE STRUCTURE AND RELATED SITE WORK
AT WILLIAM J. "PETE" KNIGHT HIGH SCHOOL
31425 10TH ST E, PALMDALE, CA 93552

SHEET NAME:
ENLARGED NEW SITE PLAN - SOUTH

DATE:
November, 2022

DRAWN:
ANT21-01d

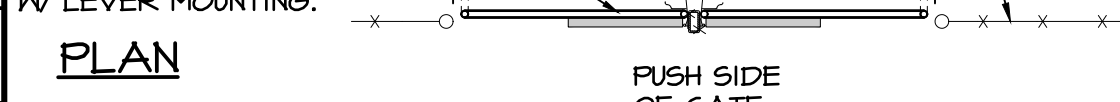
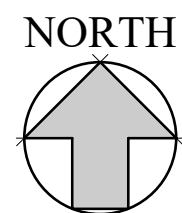
JOB:
ANT21-01d



SHEET:
A-5

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KNIGHT HIGH SCHOOL

BID SET



<div style="border: 1px solid black; border-radius: 15px; padding: 10px; text-align: center;"> IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP: 03-122265 INC: REVIEWED FOR SS <input checked="" type="checkbox"/> FLS <input checked="" type="checkbox"/> ACS <input checked="" type="checkbox"/> DATE: 04/18/2023 </div>	
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</p> </div> <div> <p>19153 Town Center Dr., Suite 101 Apple Valley, CA 92308 (760) 246-0211 • www.ffj-arch.com</p> <p>SERVING CLIENTS IN CALIFORNIA SINCE 1946</p> <p>Architecture ■ Planning ■ Landscape Architecture</p> </div> </div>	
ENGINEER	
ARCHITECT	
	
PROJECT: NEW SHADE STRUCTURE AND RELATED SITE WORK AT WILLIAM J. "PETE" KNIGHT HIGH SCHOOL 37423 70TH ST E, PALMDALE, CA 93552	SHEET NAME: DETAILS
DATE:	November, 2022
DRAWN:	
JOB:	ANT21-01d
SHEET:	
AD-1	

GENERAL NOTES

1. ALL COMMUNICATIONS WORK SHALL BE COORDINATED WITH THE COMMUNICATION SYSTEMS EQUIPMENT MANUFACTURER AND THE SCHOOL DISTRICT MAINTENANCE DEPARTMENT PRIOR TO ROUGH-IN AND INSTALLATION OF ANY AND ALL COMMUNICATION SYSTEM DEVICES AND RELATED CONDUIT AND WIRE.
2. 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.
3. NO CONDUIT SHALL BE RUN HORIZONTALLY IN CONCRETE FLOOR SLABS.
4. ALL FINAL CONNECTIONS TO OWNER-FURNISHED EQUIPMENT SHALL BE MADE BY THIS CONTRACTOR.
5. 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 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTER 13, 26 AND 30.
- ALL PERMANENT EQUIPMENT AND COMPONENTS.
 - 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.
 - 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:

- 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.
- 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 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTIONS 13.6.5, 13.6.6, 13.6.7, 13.6.8, AND 2019 CBC, SECTIONS 1617A.1.24, 1617A.1.25, AND 1617A.1.26

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 2013 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):

MP□MD□PP□E□ - OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECTS SPECIFIC NOTES AND DETAILS.

MP□MD□PP□E□ - OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVAL (OPM #) _____.

6. THIS CONTRACTOR SHALL COORDINATE ALL LINE AND LOW VOLTAGE COMPONENTS AND WIRING TYPES TO MATCH EXISTING SYSTEMS WITH THE SCHOOL DISTRICT PRIOR TO BID AND INCLUDE ALL COSTS FOR A COMPLETE OPERABLE SYSTEM EXPANSION.
7. ALL EXPOSED CONDUIT SHALL BE PAINTED TO MATCH EXISTING FINISH.
8. 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.
9. ALL EXTERIOR MOUNTED EQUIPMENT SHALL BE WEATHERPROOF AND PROVIDED IN A WEATHERPROOF ENCLOSURE.
10. INSTALL RACEWAY SYSTEMS AS FOLLOWS:
- RIGID GALVANIZED STEEL IN ALL OUTDOOR LOCATIONS AND IN INDOOR LOCATIONS WHERE SUBJECT TO PHYSICAL DAMAGE.
 - I.M.C. OR E.M.T. IN ALL INDOOR AREAS.
 - FLEXIBLE METAL CONDUIT FOR FINAL CONNECTIONS TO LIGHT FIXTURES, MOTORS, VIBRATING ELECTRICAL EQUIPMENT AND HORIZONTAL RUNS IN WOOD STUD WALLS.
 - PVC CONDUIT FOR UNDERGROUND RUNS. USE 20 MIL PVC TAPED RIGID STEEL RISER ELBOWS AND RISERS FOR CONDUIT SUB-UPS.
 - USE COMPRESSION TYPE FITTINGS FOR ALL METALLIC CONDUIT.
 - 3/4" CONDUIT MINIMUM FOR UNDERGROUND INSTALLATIONS. 3/4" CONDUIT MINIMUM INDOORS.
11. ALL WIRING SHALL BE COPPER.
12. PROVIDE THE OWNER AND THIS ENGINEER WITH ONE SET OF ELECTRICAL "AS-BUILTS" AT THE COMPLETION OF JOB.
13. 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/PULL BOXES, ETC., AS REQUIRED FOR A COMPLETE SYSTEM IN FULL COMPLIANCE WITH ALL APPLICABLE CODES.

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/PULL 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

14. ELECTRICAL CONTRACTOR SHALL PERFORM ALL WORK IN STRICT ACCORDANCE WITH GOVERNING CODES.
15. ALL EQUIPMENT SHALL BE NEW AND BEAR A "UL" LABEL - U.O.N..
16. COMPLETE ELECTRICAL INSTALLATION SHALL BE GUARANTEED IN WRITING FOR A PERIOD OF TWO (2) YEARS - U.O.N..
17. 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.
18. ALL EQUIPMENT ELECTRICAL CHARACTERISTICS, LOCATIONS, AND CONNECTION REQUIREMENTS SHALL BE VERIFIED PRIOR TO ANY ROUGH-IN WORK.
19. 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.
20. THE CONTRACTOR SHALL STRATEGICALLY LOCATE JUNCTION BOXES AND PULL BOXES, ETC., IN ACCESSIBLE CEILING SPACES. PROVIDE ACCESS PANELS WHERE JUNCTION/PULL BOXES ARE LOCATED IN INACCESSIBLE CEILING SPACES. COORDINATE LOCATION OF REQUIRED ACCESS PANELS PRIOR TO ROUGH-IN.
21. 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.

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 #12 WIRES CONTAINED THEREIN. TWO #12 ARE INDICATED WHEN CROSS LINES ARE NOT SHOWN. NUMERALS ADJACENT TO CROSS LINES ON CONDUIT RUNS INDICATE SIZE OF CONDUCTORS IN LIEU OF #12.
- CONDUIT HOME RUN TO PANELBOARD. LETTER AND NUMERALS INDICATES ELECTRICAL PANEL AND CIRCUIT NUMBER.
- CONDUIT TURNED DOWN.
- (E) EXISTING TO REMAIN.
- (N) NEW EQUIPMENT.
- WP WEATHERPROOF.
- DETAIL CALLOUT.
- DUPLEX RECEPTACLE, WITH GROUND FAULT INTERRUPTER (20 AMP, 120V, 3WALL PLATE TO MATCH DEVICE) MTD. AT 48".

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).

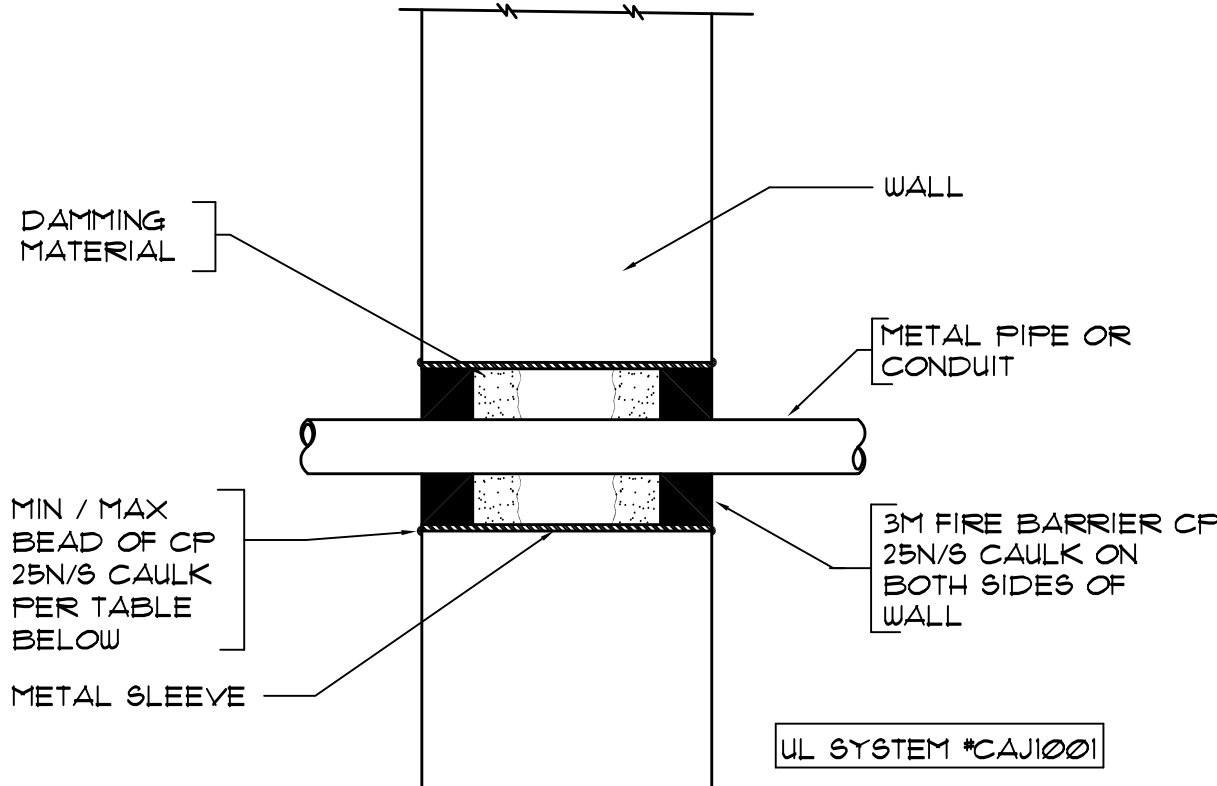
2019 CALIFORNIA PLUMBING CODE (CPC), C.C.R. TITLE 24, PART 5, BASED ON 2018 UNIFORM PLUMBING CODE (UPC).

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.



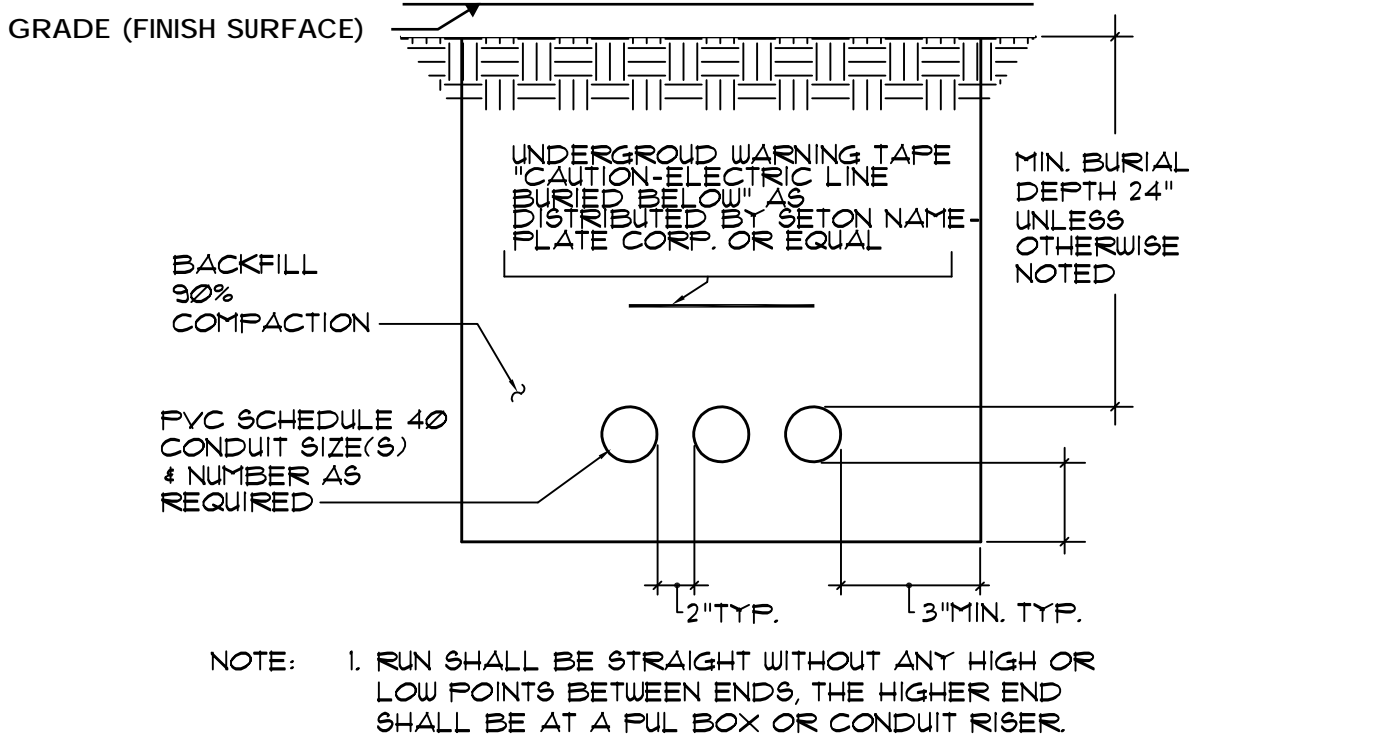
Max Pipe Diam In. (mm)	Max Annular Space In. (mm)	Packing Mtl Type (a)	Min Caulk Thickness In. (mm)
10 (254)	1 (25)	BR, CF, GF or MW	1/2 (13)(b)
10 (254)	1 (25)	CF or MW	1/2 (13)(c)
30 (762)	2-1/2 (64)	BR, CF, GF or MW	1 (25)(b)

(a) BR = Polyethylene backer rod.
CF = Ceramic Fiber Backer.
GF = Glass Fiber Insulation.
MW = Mineral-wool bat.
(b) Caulk installed flush with top surface of floor or on both surfaces of wall.
(c) Caulk installed flush with bottom surface of floor or on surface of solid (non-concrete block) wall.
3M COMPANY - CP 25N/5 - or FB-3000 WT.
(Note: W Rating applies only when FB-3000 WT is used on top surface of floor and when it laps onto concrete for sleeved openings.)

CONCRETE WALL PENETRATION

N.T.S.

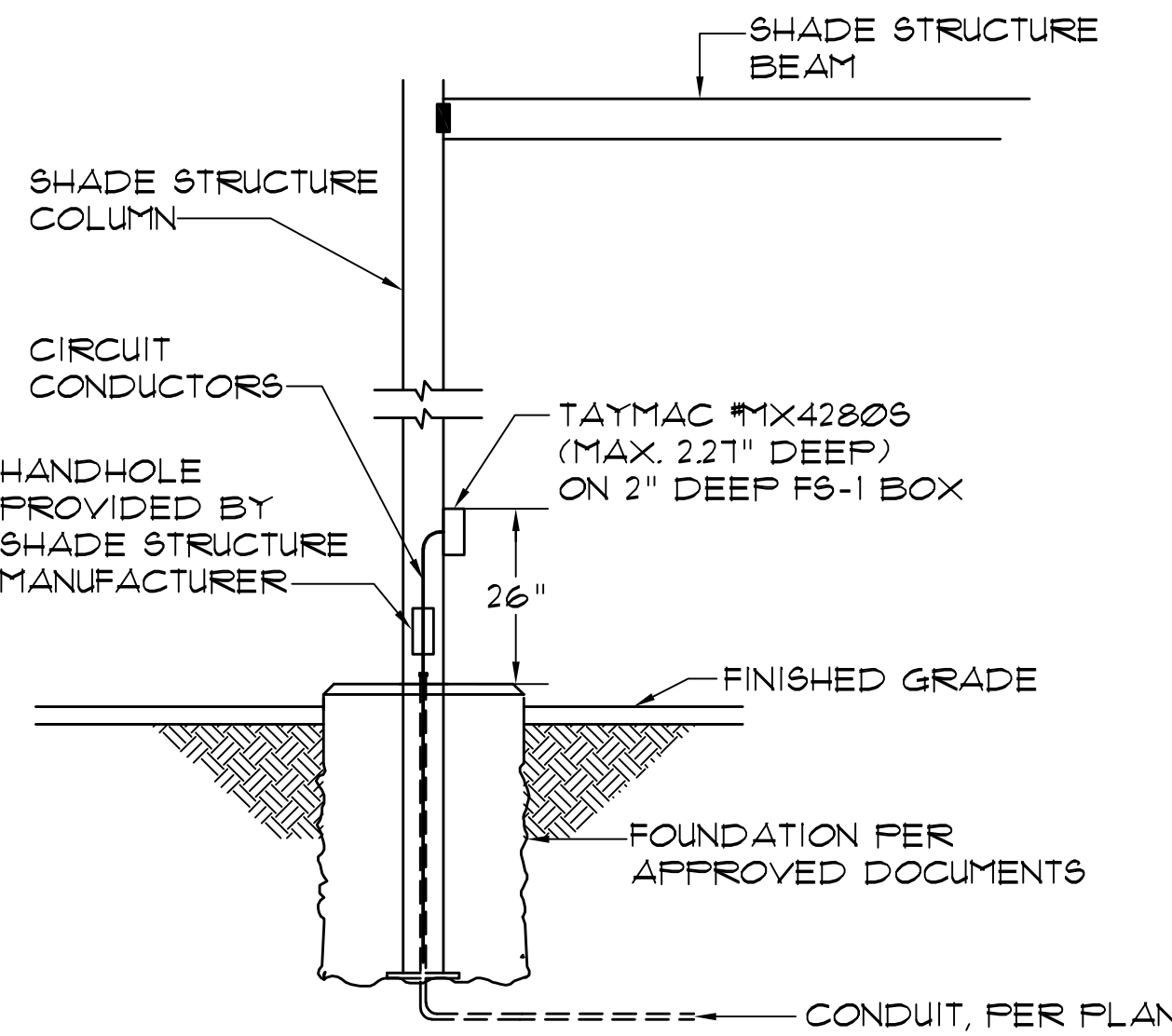
4



UNDERGROUND DUCT BANK

N.T.S.

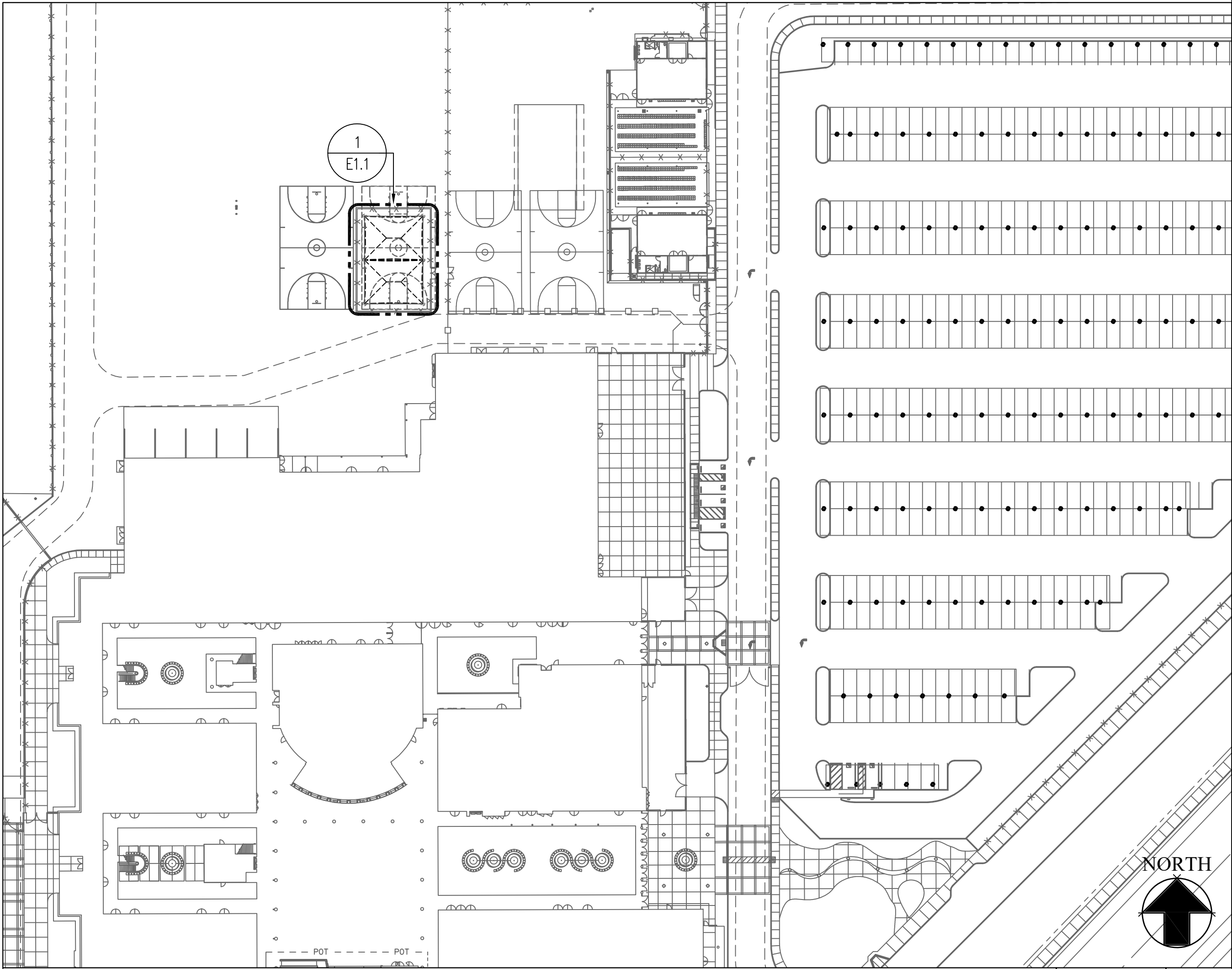
2



SHADE STRUCTURE

N.T.S.

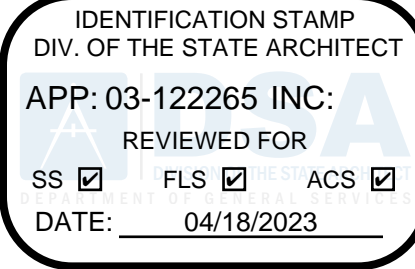
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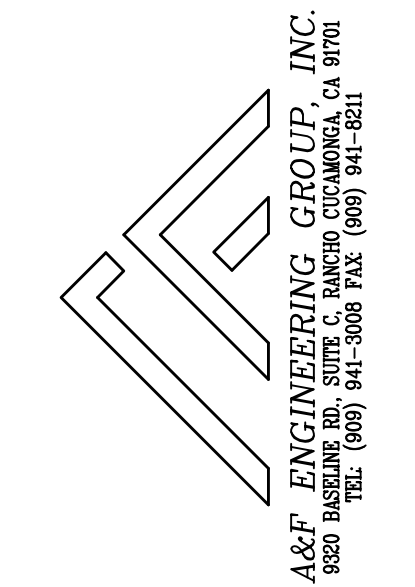
OVERALL SITE PLAN

1"=60"

1



REVISIONS	BY



ENGINEER



ARCHITECT



PROJECT: NEW SHADE STRUCTURE AND RELATED SITE WORK AT WILLIAM J. "PETE" KNIGHT HIGH SCHOOL 37423 70TH ST E, PALMDALE, CA 93552

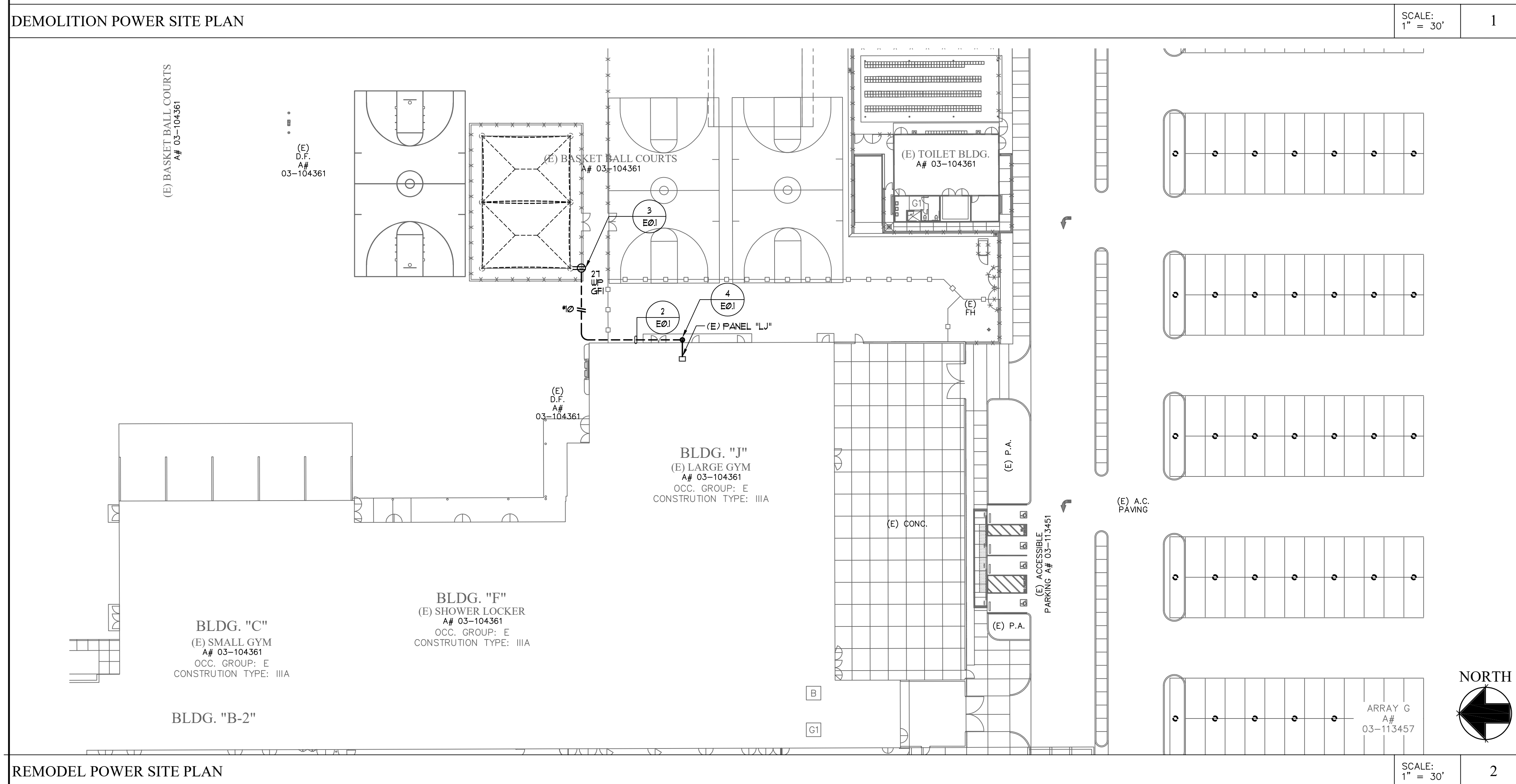
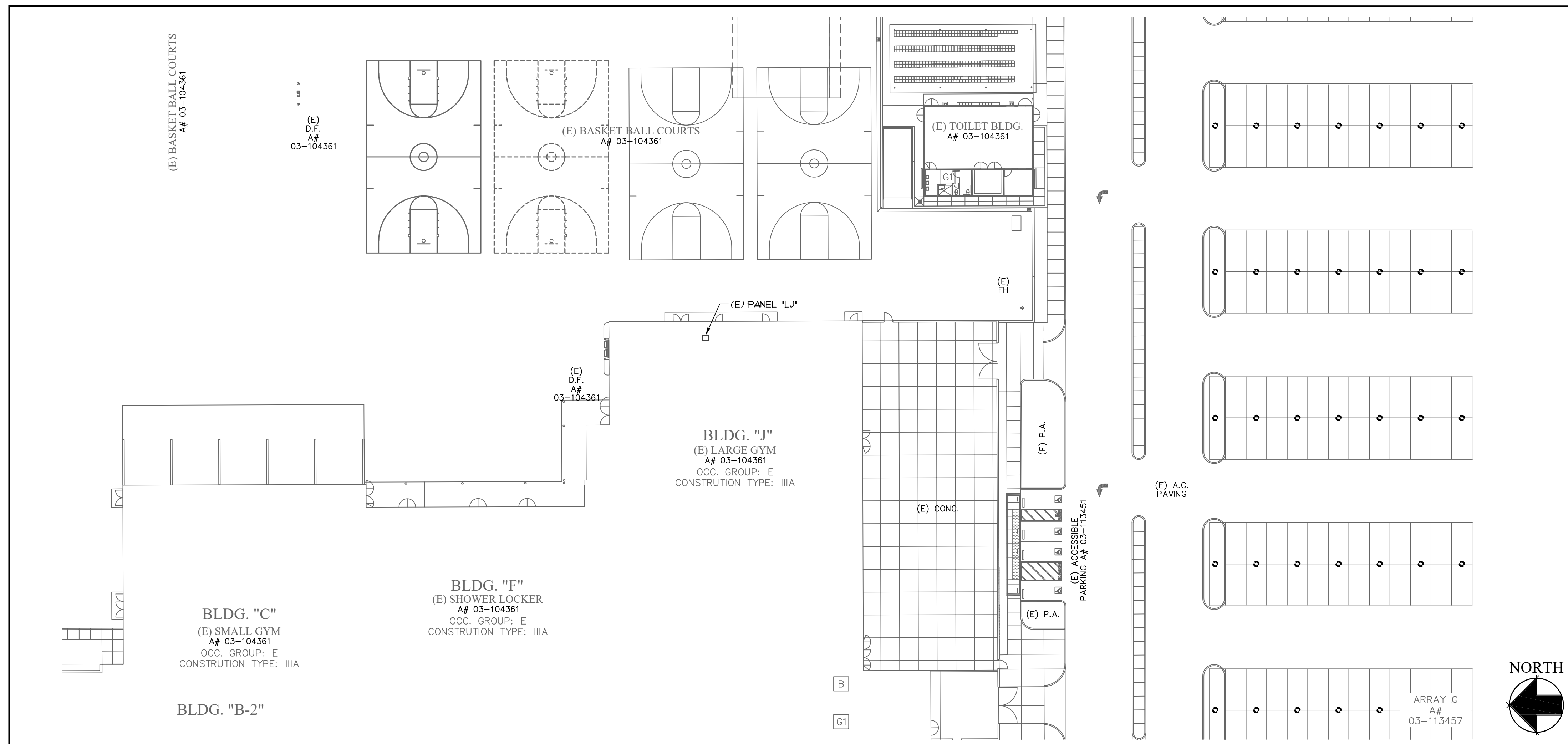
GENERAL NOTES, SYMBOL LIST AND SINGLE LINE DIAGRAM

DATE: ---
DRAWN: DA
JOB: ANT21-01d
SHEET: ---

E0.1

BID SET

KNIGHT HIGH SCHOOL



PLAN NOTES

- ① REFER TO DRAWING E01, SINGLE LINE DIAGRAM FOR POWER CONDUIT SIZE AND WIRE QUANTITIES.
- ② CONDUIT AND WIRE INDICATED ON THE SINGLE LINE DIAGRAM, WHETHER SHOWN ON THIS DRAWING OR NOT, SHALL BE A PART OF THIS CONTRACT AND THE RESPONSIBILITY OF THIS CONTRACTOR TO PROVIDE THE REQUIRED ROUTING TO MEET THE INTENT OF THESE PLANS AND SPECIFICATIONS.
- ③ 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.
- ④ 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.
- ⑤ REFER TO DRAWING E01, GENERAL NOTES, FOR ADDITIONAL REQUIREMENTS.

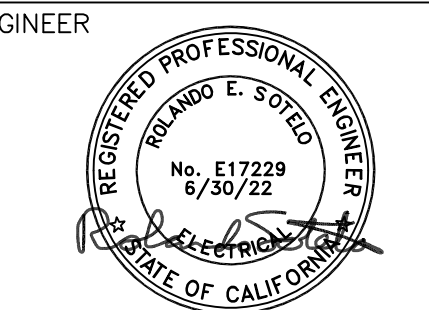
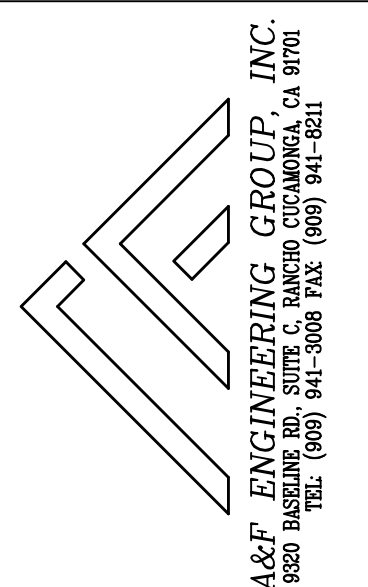
EXISTING

PANEL "LJ"				MAIN BREAKER: 250A.				SCA MOUNT SURFACE				
VOLTAGE 208/120V-4-WIRE				BUS SIZE				ENTRY:				
LOCATION MECH. YARD				COPPER 250A.								
	DESCRIPTION	CKT	BKR	P	LTS	REC	MSC	MTR	A-VA	B-VA	C-VA	AMPS
*	BSKTBALL BACKSTOP	1	30	1					2880			
	BSKTBALL BACKSTOP	3	20	1						1920		
	BSKTBALL BACKSTOP	5	20	1							1920	
	BSKTBALL BACKSTOP	7	30	1					2880			
	BSKTBALL BACKSTOP	9	20	1						1920		
	BSKTBALL BACKSTOP	11	20	1							1920	
	RECEPTS RM 101	13	20	1					1920			
	RECEPTS RM 101	15	20	1						1920		
	SCOREBRD/SHOTCLOCK	17	20	1							1920	
	APA-1	19	20	1					1920			
	ROOF RECEPTS	21	20	1						1920		
	LCP-17	23	20	1							1920	
Δ	LTS BEHIND BLCHR	25	20	1					1920			
	SHADE STRUCTURE RECP.T	27	20	1	1					180		
	SPARE	29	20	1								
	SPARE	31	20	1								
	SPARE	33	20	1								
	SPARE	35	20	1								
*	ROLL-UP DOOR	37	15	3								
	W/CKT. 37	39	---	---								
↓	W/CKT. 37	41	---	---								
	SUB TOTAL VOLT/AMPS:								11520	7860	7680	
	WEST BLCHR	4	20	3								
	W/CKT. 2	6	---	---								
↓	W/CKT. 2	8	---	---								
	SPARE	8	30	2								
	SPARE	10	---	---								
*	BSKTBALL BACKSTOP	12	30	1							1920	
	BSKTBALL BACKSTOP	14	20	1					1920			
	RECEPTS FLOOR BOXES	16	20	1								
	RECEPTS FLOOR BOXES	18	20	1							1920	
	RECEPTS RM. 104	20	20	1					1920			
	RECEPTS RM. 104	22	20	1						1920		
	RECEPTS RM. 104	24	20	1							1920	
	ROOF RECEPTS	26	20	1					1920			
	ROOF RECEPTS	28	20	1						1920		
	PRE-ACTION	30	20	1							1920	
↓	AIR COMPRESSOR	32	20	1					1920			
	SPARE	34	20	1								
	SPARE	36	20	1								
*	EAST BLEACHERS	38	15	3								
	W/CKT. 38	40	---	---								
↓	W/CKT. 38	42	---	---								
	SUB TOTAL VOLT/AMPS:								7680	5760	7680	
	PANEL SUB TOTAL VOLT/AMPS:								19200	13620	15360	
	TOTAL LCL/PHASE								0	0	0	
	TOTAL VOLT/AMPS:								19200	13620	15360	
	TOTAL AMPS/PHASE								160	114	128	
CONNECTED:		48180 VA										
25% OF MTR:		0 VA										
25% OF LCL:		0 VA										
CALCULATED:		48180 VA	=	133.73	AVERAGE AMPS							

* = INDICATES EXISTING LOAD TO REMAIN. BASED ON FULL LOAD RATING OF
OF CIRCUIT BREAKER.

Δ = NEW LOAD ON EXISTING SPARE CIRCUIT BREAKER.

REVISIONS	BY



NEW SHADE STRUCTURE AND RELATED SITE WORK
AT WILLIAM J. "PETE" KNIGHT HIGH SCHOOL

DEMOLITION AND REMODEL POWER SITE PLAN

DATE:	----
DRAWN:	DA
JOB:	ANT21-01d
SHEET:	

E1.1

BID SET

KNIGHT HIGH SCHOOL

GENERAL

1.

DIMENSIONS ARE FROM FACE OF WALL OR CENTER LINE OF COLUMNS, MULLIONS & STUFS 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, MEEDS, 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.

17.

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

FIRE / LIFE SAFETY

18.

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)

19.

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

20.

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

DIVISION OF THE STATE ARCHITECT

21.

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

22.

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.

23.

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

24.

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).

25.

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, CCR.)

26.

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

27.

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

28.

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

GENERAL NOTES

A

AB.....AGGREGATE BASE
ABV.....ABOVE
ACC.....ACROSS
ADJ.....ADJACENT
A/C.....AIR CONDITIONING
AC.....ASPHALTIC CONCRETE
ALTERNATE
ALUM.....ALUMINUM
ALT.....ANCHOR BOLT
ANGED
ARCH.....ARCHITECT

B

BM.....BENCHMARK / BEAM
BTN.....BETWEEN
BIT.....BITUMINOUS
BLK.....BLOCKING
BD.....BOARD
BLDG.....BUILDING

C

CAB.....CABINET
CPT.....CARPET
CI.....CAST IRON
CB.....CATCH BASIN
CLS.....CEILING
C.....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

D

DEMO.....DEMOLISH / DEMOLITION
DIA.....DIAMETER
DWS.....DRAWING
D.S.A.....DEPT. OF THE STATE ARCHITECT
DF.....DRINKING FOUNTAIN/ DOUGLAS FIR

E

(E).....EXISTING
ELEC.....ELECTRICAL
ELEV.....ELEVATION
EXT.....EXTERIOR
EWLF.....ELECTRICALLY WELDED WIRE
FABRIC
EN.....EXPANSION JOINT
END NAIL

F

FF.....FINISH FLOOR
FA.....FIRE ALARM
FRP.....FIBERGLASS REINFORCED PANELS
FE.....FIRE EXTINGUISHER
F.E.C.....FIRE EXTINGUISHER CABINET
FHWS.....FLATHEAD MACHINE SCREEN
FHVS.....FLATHEAD WOOD SCREEN
FID.....FLOOR DRAIN
FTS.....FOOTING
FND.....FOUNDATION
FUR/FURR.....FURRING
FS.....FLOOR SINK / FINISH SURFACE

G

GA.....GAGE/GAUGE
GALV.....GALVANIZE
GC.....GENERAL CONTRACTOR
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.....HOSE BIB
HW.....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
LAV.....LAVATORY
LTL.....LINTEL

M

MB.....MACHINE BOLT
MH.....MANHOLE
MFR.....MANUFACTURER
MAS.....MASONRY
MO.....MASONRY OPENING
MECH.....MECHANICAL
MER.....MEMBER
MIN.....MINIMUM OR MINUTE
MISC.....MISCELLANEOUS
MOD.....MODULE (LAR)

N

NRC.....NOISE REDUCTION COEFFICIENT
NON.....NON
NIC.....NOT IN CONTACT
NTS.....NOT TO SCALE
NO.....NUMBER
(N).....NEXT

O

O/C.....ON CENTER
OPP.....OPPOSITE
OD.....OUTSIDE DIAMETER
OHNB.....OVAL-HEAD MACHINE BOLT
OHVS.....OVAL-HEAD WOOD SCREEN
OH.....OVERHEAD
OFCL.....OWNER FURNISHED CONTRACTOR INSTALLED

P

PL.....PLATE
POC.....POINT OF CONNECTION
PA.....PLANTER AREA
PSI.....POUNDS PER SQUARE INCH
E.....PROPERTY LINE
(P).....PROPOSED
PH.....PANG 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.....TWO JOINT
T&G.....TONGUE & GROOVE
T.S.....TOP OF SHEATHING
TS.....TUBE STEEL
TYP.....TYPICAL

U

UC.....UNDERCUT
UG.....UNDERGROUND
U.N.O.....UNLESS NOTED OTHERWISE


V

VERT.....VERTICAL
VGT.....VINYL COMPOSITION TILE

W

WC.....WATER CLOSET
WV.....WITHOUT
W/O.....WITHOUT
W/I.....WROUGHT IRON

ABBREVIATIONS


















**NEW SHADE STRUCTURE AND RELATED SITE WORK
AT LITTLEROCK HIGH SCHOOL**

ANTELOPE VALLEY UNION HIGH SCHOOL DISTRICT

<p>PROJECT ADDRESS: LITTLEROCK HIGH SCHOOL 10833 E AVE. R, PALMDALE, CA 93543</p>	<p>PROJECT OWNER: ANTELOPE VALLEY UNION HIGH SCHOOL DISTRICT 44811 NORTH SIERRA HIGHWAY LANCASTER, CA 93534 (661) 952-2287 CONTACT: SCOTT FISH</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>CIVIL: JT ENGINEERING 33336 N. AGUA DULCE CYN. RD. #103 AGUA DULCE, CA. 91390 (661) 268-8899 CONTACT: JOHN JACOB</p>
--	--

PROJECT DIRECTORY



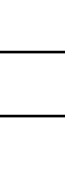
	DETAIL REFERENCE
	DETAIL REFERENCE
	SECTION REFERENCE
	SHEET NUMBER
	DOOR NUMBER OR TYPE.
	WINDOW NUMBER OR TYPE
	KEY NOTE NUMBER WHEN USED REFERS TO SAME SHEET UNLESS NOTED OTHERWISE
	DOOR SIGNAGE, SEE LEGEND OR FLOOR PLAN
	W.I.C. STANDARD CASEWORK #
	INTERIOR ELEVATION DETAIL REFERENCE SHEET NUMBER
	EQUIPMENT NUMBER OR TYPE.
	PARKING COUNT
	FLUSH TRANSITION
	DROP TRANSITION, SEE PLAN FOR DROP DEPTH
	REVISION NUMBER

<p>ROOM NAME →</p> <p>XXXX</p>	<p>ROOM NAME</p> <p>ROOM NUMBER</p>
<p>— x — x — x —</p>	EXISTING CHAIN LINK FENCING
<p>— x — x — x —</p>	NEW CHAIN LINK FENCING
<p>- x - - x - - x - - x - -</p>	DEMO CHAIN LINK FENCING
<p>— □ — □ — □ —</p>	EXISTING TUBE STEEL FENCING
<p>— □ — □ — □ —</p>	NEW TUBE STEEL FENCING
<p>-- □ -- □ -- □ -- □ --</p>	DEMO TUBE STEEL FENCING
<p>--- POF --- POF --- POF ---</p>	PATH OF TRAVEL

SYMBOLS

<h1>TITLE 24</h1>	
<p>PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2020*</p> <p>2019 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR*</p> <p>2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR</p> <p>(2018 INTERNATIONAL BUILDING CODE, VOL. 1 & 2, AND 2019 CALIFORNIA AMENDMENTS)</p> <p>2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR</p> <p>2017 NATIONAL ELECTRICAL CODE AND 2019 CALIFORNIA AMENDMENTS)</p> <p>2019 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR</p> <p>(2018 IAQMO UNIFORM MECHANICAL CODE AND 2019 CALIFORNIA AMENDMENTS)</p> <p>2019 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR</p> <p>(2018 IAQMO UNIFORM PLUMBING CODE AND 2019 CALIFORNIA AMENDMENTS)</p> <p>2019 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 CCR</p> <p>2019 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR</p> <p>(2018 INTERNATIONAL FIRE CODE AND 2019 CALIFORNIA AMENDMENTS)</p> <p>2019 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR</p> <p>(2018 INTERNATIONAL EXISTING BUILDING CODE AND 2019 CALIFORNIA AMENDMENTS)</p> <p>2019 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 CCR</p> <p>2019 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR</p> <p>TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS</p> <p>2016 ASME A17.1/CSA B44-13 SAFETY CODE FOR ELEVATORS AND ESCALATORS</p> <p>(FEB 2019 CBC PART 2 CH 35)</p> <p>2010 ADA STANDARD FOR ACCESSIBLE DESIGN</p> <p>NOTE: CAL/OSHA ELEVATOR UNIT ENFORCES CCR TITLE 8 AND USES THE 2004 ASME A17.1 BY ADOPTION</p>	
<h2>APPLICABLE NFPA STD. (PARTIAL LIST)</h2>	
<p>PARTIAL LIST OF APPLICABLE STANDARDS</p> <p>NFPA 13 - STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS (CA AMENDED).....2016 EDITION</p> <p>NFPA 14 - STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS (CA AMENDED).....2016 EDITION</p> <p>NFPA 17 - STANDARD FOR DRY CHEMICAL EXTINGUISHING SYSTEMS.....2017 EDITION</p> <p>NFPA 17A - STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS.....2017 EDITION</p> <p>NFPA 20 - STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION.....2016 EDITION</p> <p>NFPA 22 - STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION.....2013 EDITION</p> <p>NFPA 24 - STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES (CA AMENDED).....2016 EDITION</p> <p>NFPA 72 - NATIONAL FIRE ALARM AND SIGNALING CODE (CA AMENDED).....2016 EDITION</p> <p>NFPA 80 - STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES.....2016 EDITION</p> <p>NFPA 2001 - STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS (CA AMENDED).....2015 EDITION</p> <p>UL 300 - STANDARD FOR FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR PROTECTION OF COMMERCIAL COOKING EQUIPMENT.....2003 (R2010)</p> <p>UL 464 - AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES.....2003 EDITION</p> <p>UL 521 - STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS.....1999 EDITION</p> <p>UL 1971 - STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED.....2002 (R2010)</p> <p>ICC 300 - STANDARD FOR BLEACHERS, FOLDING AND TELESCOPIC SEATING, AND GRANDSTANDS.....2017 EDITION</p>	
<p>FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2019 CBC (SFM) CHAPTER 35 AND CALIFORNIA FIRE CODE CHAPTER 80.</p>	
<p>SEE CALIFORNIA BUILDING CODE CHAPTER 35 FOR STATE OF CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS.</p>	
<p>*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, 2014 AND THE EFFECTIVE DATE FOR THE USE OF THE CALIFORNIA ADMINISTRATIVE CODE (TITLE 24, PART 1, CHAPTER 4) IS JANUARY 8, 2019.</p>	
<h2>CODE REFERENCES</h2>	
<p>SITE DEMOLITION INCLUDES:</p> <p>DEMO OF EXISTING ASPHALT AND CONCRETE PAVING.</p> <p>NEW SITE WORK INCLUDES:</p> <p>NEW ASPHALT AND CONCRETE PAVING FOR PATH OF TRAVEL UPGRADES.</p> <p>NEW CHAIN LINK FENCING AND ACCESSIBLE GATES.</p> <p>NEW BUILDING "5.5'x11" TYPE AND SQUARE FOOTAGE:</p> <p>NEW 40'X60' SHADE STRUCTURE.</p> <p>FUNDING SOURCE:</p> <p>ESSER II AND ESSER III</p>	
<p>ACCESSIBLE PATH OF TRAVEL UPGRADES:</p> <p>A. DIRECT CONSTRUCTION COST OF ALTERATIONS, STRUCTURAL REPAIRS OR ADDITIONS PER DSA-1 = \$203,118</p> <p>B. ADJUSTED CONSTRUCTION COST FOR PURPOSES OF EXCEPTION 2019 CBC 11B-202.4, EXCEPTION #8 = \$179,553</p> <p>C. COST OF PATH OF TRAVEL UPGRADES (REQUIRED) = \$34,706</p> <p>D. COST OF PATH OF TRAVEL UPGRADES (PROVIDED) = \$33,585</p>	
<p>THE FOLLOWING ACCESSIBLE ELEMENTS ARE REQUIRED PER CBC 11B-202.4, EXCEPTION #8 ARE AS FOLLOWS (IN ORDER OF PRIORITY)</p> <ol style="list-style-type: none"> 1. ACCESSIBLE ENTRANCE 2. ACCESSIBLE ROUTE SERVING AREA OF ALTERATION 3. ACCESSIBLE TOILET(S) 4. ACCESSIBLE TELEPHONES 5. ACCESSIBLE H/V/LD DRINKING FOUNTAIN 6. WHEN POSSIBLE ADDITIONAL ACCESSIBLE ELEMENTS SUCH AS ACCESSIBLE PARKING, SIGN, STORAGE AND ALARMS <p>THE FOLLOWING ACCESSIBLE ELEMENTS ARE PROVIDED AND ILLUSTRATED IN THE CONSTRUCTION DOCUMENTS PLANS/SPECIFICATIONS:</p> <ol style="list-style-type: none"> 1. ACCESSIBLE ENTRANCE - \$4,000 2. ACCESSIBLE ROUTE SERVING AREA OF ALTERATION - \$12,085 3. ACCESSIBLE H/V/LD DRINKING FOUNTAIN - \$10,000 4. ACCESSIBLE PARKING - \$7,500 	
<h2>SCOPE OF WORK</h2>	

SHEET INDEX					
SHEET NUMBER		SHEET TITLE			
GENERAL					
CS		COVER SHEET			
CIVIL					
C-1		GRADING IMPROVEMENT PLAN			
C-2		GRADING IMPROVEMENT PLAN			
ARCHITECTURAL					
AO-1		LOCAL FIRE AUTHORITY REVIEW			
A-1		OVERALL SITE PLAN			
A-2		ENLARGED DEMO SITE PLAN			
A-3		ENLARGED NEW SITE PLAN			
AD-1		DETAILS			
AD-2		DETAILS			
SHADE STRUCTURE					
P.C. T-1-0		P.C. TITLE SHEET			
P.C. T-2-0		PERMITS FOR SAMPLE FORM			
P.C. T-2-1		SHADE STRUCTURE PROVIDED BY OWNER AND INSTALLED BY SHADE STRUCTURE MANUFACTURER			
24.1-1000		PRODUCT INFORMATION			
24.2-1001		DETAILS			
24.3-2000		REACTIONS			
TOTAL SHEETS: 15					
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. 03-122264 File No. 19-H2)					
<input checked="" type="checkbox"/> The drawings or sheets listed on the cover or index sheet (SHADE STRUCTURE DRAWINGS)					
<input type="checkbox"/> 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 (SHADE STRUCTURE DRAWINGS) <input type="checkbox"/> This drawing or page					
<input checked="" type="checkbox"/> I/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"/> I/are in general conformance with the project design intent, and <input type="checkbox"/> has/have been coordinated with the project plans and specifications.					
Signature _____ Architect or Engineer designated to be in general responsible charge		Date _____ 04/01/2022			
GINO C. BASTIANON Print Name C-27564 License Number		Signature _____ Architect or Engineer delegated responsibility for this portion of the work Print Name 6/23 Expiration Date			
		License Number Expiration Date			
SHEET INDEX					
WIND RISK CATEGORY II FLOOD DESIGN					
ASCE7-16 95 MPH 1. FEMA FIRM PANEL #: 06037COT10F					
EXPOSURE FACTOR CB 2. EFFECTIVE DATE: 9/26/2008					
SEISMIC RISK CATEGORY II GEOTECH SITE IS NOT WITHIN A MAPPED LIQUEFACTION HAZARD ZONE					
SITE CLASS D					
S _B 1.550					
S _I 0.64					
S _{NIS} 1.060					
S _{M1} *NULL					
S _{D5} 1.246					
S _{D1} *NULL					
SDC *NULL					
F _A 1.2					
F _V *NULL					
CR _S 0.049					
CR _T 0.036					
PGA 0.602					
F _{PSA} 1.2					
FGA _N 0.019					
T _L 12					
S _E RT 1.908					
S _E H 2.223					
S _E D 1.550					
S _{IRT} 0.021					
S _{IUH} 0.926					
SID 0.64					
PGAd 0.082					
P.T.N.: 64246-103					
*SEE SECTION 11.4.B					
SITE SPECIFIC DESIGN CRITERIA					

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP: 03-122264 INC: REVIEWED FOR SS <input checked="" type="checkbox"/> FLS <input checked="" type="checkbox"/> ACS <input checked="" type="checkbox"/> DATE: 10/18/2023	
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</p> </div> <div> <p>19153 Town Center Dr., Suite 101 Apple Valley, CA 92308 (760) 240-6211 www.ffj-arch.com</p> <p>SERVING CLIENTS IN CALIFORNIA SINCE 1946 Architecture ■ Planning ■ Landscape Architecture</p> </div> </div>	
ENGINEER	
ARCHITECT <div style="text-align: center; margin-top: 20px;">  </div>	
PROJECT: NEW SHADE STRUCTURE AND RELATED SITE WORK AT LITTLEROCK HIGH SCHOOL _____ 10939 E AVENUE R, LITTLEROCK, CA 92549	SHEET NAME: COVER SHEET
DATE: October, 2022	
DRAWN: _____	
JOB: _____	
SHEET: ANT21-O1P	
	

SHEET SIZE: ARCH D (24"x36")
PLOT DATE: 9/27/2022 5:17 PM

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 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.
- 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 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 ELEMENT, CURB, GUTTER, 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 DUMPSITE. RECEIPTS FOR ACCEPTANCE OF EXCESS MATERIAL BY A DUMPSITE 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 SWEEPED 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

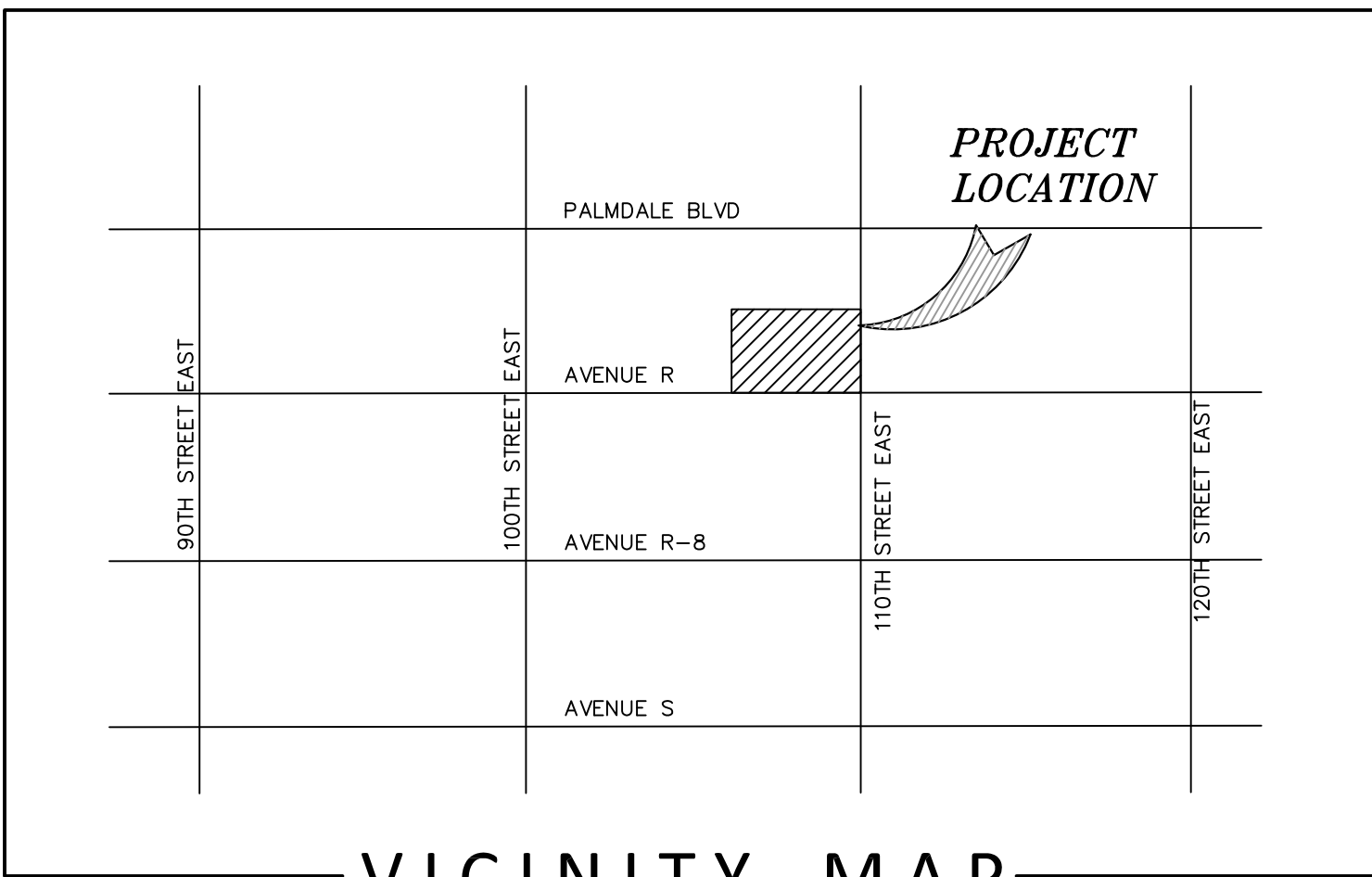
- SE1 - SILT FENCE
- SE2 - SEDIMENT BASIN
- SE3 - SEDIMENT TRAP
- SE4 - CHECK DAM
- SE5 - FIBER ROLLS
- SE6 - GRAVEL BAG BERM
- SE7 - STREET SWEEPING AND VACUUMING
- SE8 - SANDBAG BARRIER
- SE9 - STRAW BALE BARRIER
- SE10 - STORM DRAIN INLET PROTECTION

WIND EROSION CONTROL

- WE1 - WIND EROSION CONTROL



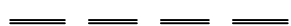





EQUIPMENT TRACKING CONTROL

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



VICINITY MAP

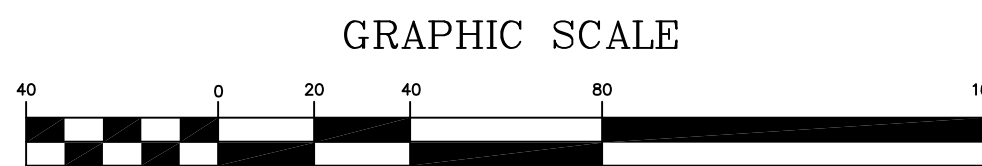
LEGEND (WHERE APPLICABLE)

XX.XX	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. WI 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 DOMES
		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
		FOW	FACE OF WALL	PB	PULL BOX

KEY NOTES

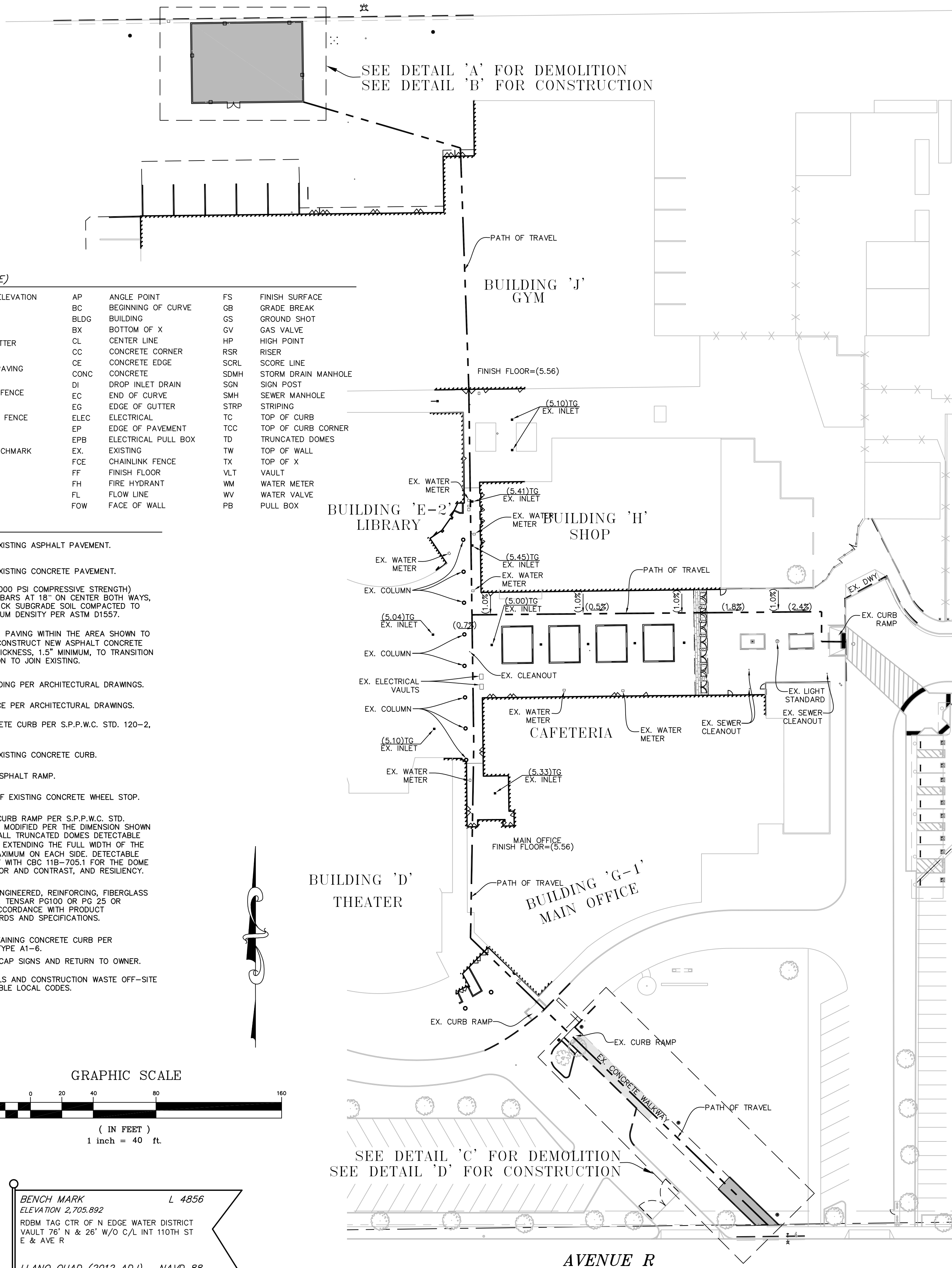
- SAWCUT AND REMOVE EXISTING ASPHALT PAVEMENT.
- SAWCUT AND REMOVE EXISTING CONCRETE PAVEMENT.
- NEW 5" THICK P.C.C. (3000 PSI COMPRESSIVE STRENGTH) REINFORCED WITH #3 REBARS AT 18" ON CENTER BOTH WAYS, PLACED ON MIN. 12" THICK SUBGRADE SOIL COMPACTED TO MIN. 90% OF THE MAXIMUM DENSITY PER ASTM D1557.
- 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.
- SHADE STRUCTURE BUILDING PER ARCHITECTURAL DRAWINGS.
- INSTALL CHAINLINK FENCE PER ARCHITECTURAL DRAWINGS.
- CONSTRUCT NEW CONCRETE CURB PER S.P.P.W.C. STD. 120-2, TYPE A1-6.
- SAWCUT AND REMOVE EXISTING CONCRETE CURB.
- SAWCUT AND REMOVE ASPHALT RAMP.
- REMOVE AND DISPOSE OF EXISTING CONCRETE WHEEL STOP.
- CONSTRUCT CONCRETE CURB RAMP PER S.P.P.W.C. STD. 111-5, CASE A, TYPE 1, MODIFIED PER THE DIMENSION SHOWN ON DETAIL C, AND INSTALL TRUNCATED DOMES DETECTABLE WARNING 36" IN DEPTH, EXTENDING THE FULL WIDTH OF THE CURB RAMP LESS 2" MAXIMUM ON EACH SIDE. DETECTABLE WARNING SHALL COMPLY WITH CBC 11B-705.1 FOR THE DOME SIZE AND SPACING, COLOR AND CONTRAST, AND RESILIENCY.
- FURNISH AND INSTALL ENGINEERED, REINFORCING, FIBERGLASS POLYESTER PAVING MAT, TENSAR PG100 OR PG 25 OR APPROVED EQUAL, IN ACCORDANCE WITH PRODUCT MANUFACTURER STANDARDS AND SPECIFICATIONS.
- CONSTRUCT NEW 6" RETAINING CONCRETE CURB PER S.P.P.W.C. STD 120-2, TYPE A1-6.
- REMOVE EXISTING HANDICAP SIGNS AND RETURN TO OWNER.

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



BENCH MARK
ELEVATION 2,705.892
RDBM TAG CTR OF N EDGE WATER DISTRICT
VAULT 76' N & 26' W/O C/L INT 110TH ST
E & AVE R
LLANO QUAD (2012 ADJ) NAVD 88

*NOTE: ADD 2,700 TO ALL SPOT ELEVATIONS

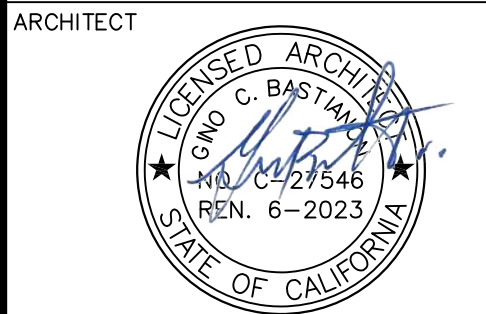
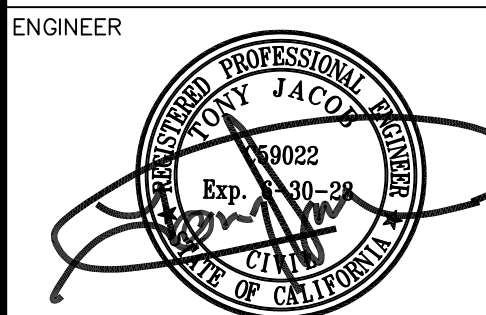


IDENTIFICATION STAMP
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APP: 03-122264 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☒
DATE: 10/18/2023

REVISIONS	BY

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Frick, Frick & Jette Architects
19153 Town Center Dr., Suite 101
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www.fte-engineering.com



NEW SHADE STRUCTURE AND A.D.A.
PATH-OF-TRAVEL MITIGATION
LITTLEROCK HIGH SCHOOL
10833 EAST AVENUE R
LANCASTER, CA 93543

GRADING IMPROVEMENT PLAN

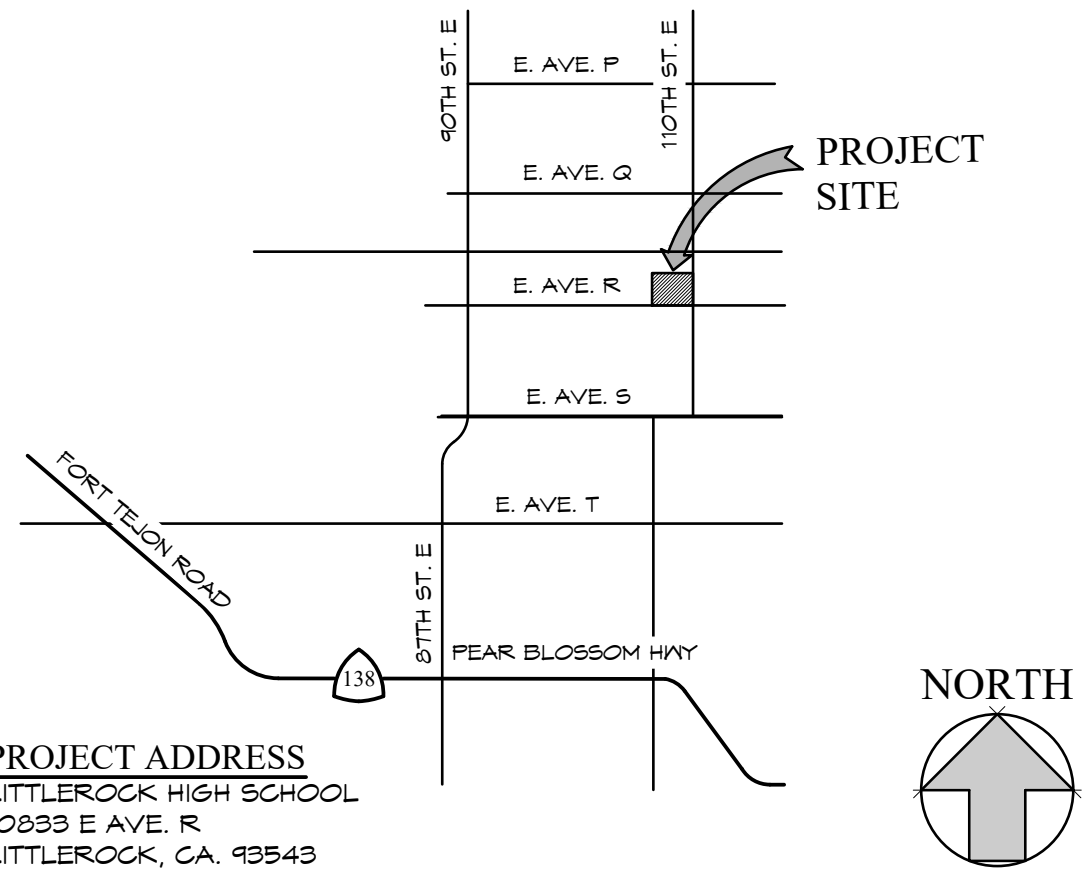
PROJECT: NEW SHADE STRUCTURE AND A.D.A. PATH-OF-TRAVEL MITIGATION LITTLEROCK HIGH SCHOOL 10833 EAST AVENUE R LANCASTER, CA 93543
DATE: 09/27/2022
DRAWN: RM
JOB: J21316
SHEET: J21316

C-1

BID SET

LITTLEROCK HIGH SCHOOL

SHEET SIZE: ARCH D (24"x36")
PLOT DATE: 10/25/2022 4:04 PM

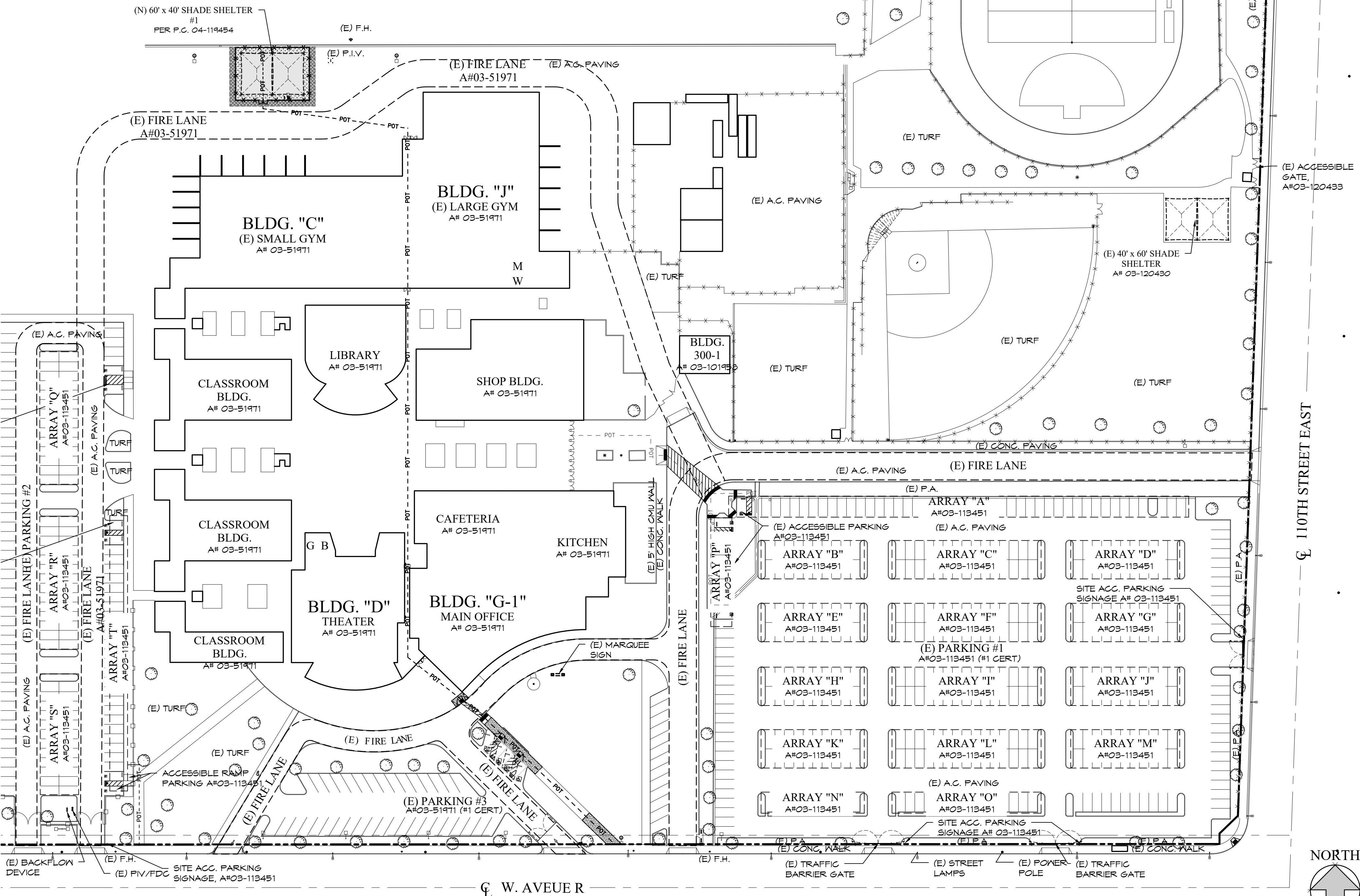


PROJECT ADDRESS
LITTLEROCK HIGH SCHOOL
10833 E AVE. R
LITTLEROCK, CA. 93543

VINICITY MAP

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

2



OVERALL SITE PLAN

SCALE:
1" = 60'

1



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:	LITTLEROCK HIGH SCHOOL
Project Address:	10833 E Avenue R, Littlerock, CA 93543

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"/>

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

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 life 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 STATE OF CALIFORNIA Page 2 of 4

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT		
APP: 03-122264 INC:		
SS <input checked="" type="checkbox"/>	FLS <input checked="" type="checkbox"/>	ACS <input checked="" type="checkbox"/>
REVIEWED FOR		
DATE: 10/18/2023		

REVISIONS	BY



ENGINEER

ARCHITECT



PROJECT:
NEW SHADE STRUCTURE AND RELATED SITE WORK
AT LITTLEROCK HIGH SCHOOL
10833 E AVENUE R, LITTLEROCK, CA 93543

SHEET NAME:
LOCAL FIRE AUTHORITY REVIEW

DATE: October, 2022
DRAWN: _____
JOB: _____
SHEET: ANT21-01F

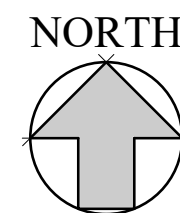
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BID SET

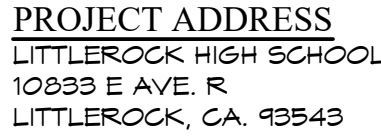
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TOTAL BUILDING AREA (SQ. FT.):	2,400
--------------------------------	-------

NOTE:
GATES WITHIN ACCESSIBLE
ROUTE OF TRAVEL MUST
COMPLY WITH ALL
APPLICABLE DOOR
REQUIREMENTS, 11B-404.



SCALE: 1" = 60'	19
--------------------	----



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 HAS EXAMINED 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 THE DESIGNER HAS NOT CORRECTED BY THIS PROJECT BASED ON EVALUATION OF THE 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, THE OWNER SHALL BE RESPONSIBLE TO ACCELERATE THE DESIGN 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, GRIDS/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".

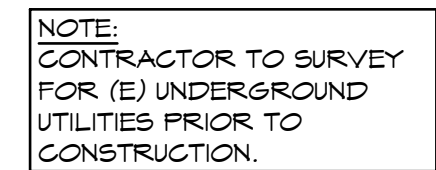
*2% OF TOTAL
**20, PLUS 1 FOR EACH 100, OR FRACTION THEREOF, OVER 1000

NOTE:

----- POT ----- POT ----- POT ----- POT -----

"ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER FREE ACCESS ROUTE INTO ADULT LEVEL CHANGES EXCEEDING 4" IF EITHER: 1) MAXIMUM SLOPE OF VERTICAL LEVEL CHANGES NOT EXCEEDING 4" MAXIMUM AND AT LEAST 48" IN WIDTH, SURFACE IS STABLE, FIRM, AND SLIP-RESISTANT. GROSS-SLOPE SHALL NOT BE STEEPER THAN 1:20. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBJECTS TO 80" MINIMUM AND FROM SELECTED OBJECTS PROTRUDING MORE THAN 4" FROM THE WALL, ABOVE 21" AND LESS THAN 80" ABOVE THE FLOOR. ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL."

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



DOOR G165

1. (E) HOLLOW METAL DOORS - (2) PAIR, 3'-4" WIDE X 7'-0" HIGH (EACH LEAF).
2. ADJUST DOOR CLOSURES TO SLB OPERATING FORCE.
3. REMOVE EXISTING DOOR PULL AND REPLACE WITH NEW IVES VR900LLP.
4. REMOVE EXISTING PANIC HARDWARE DEVICE AND REPLACE WITH NEW VON DUFRIN QD90L-OP.
5. PATCH, REPAIR, AND PAINT EXISTING DOOR.

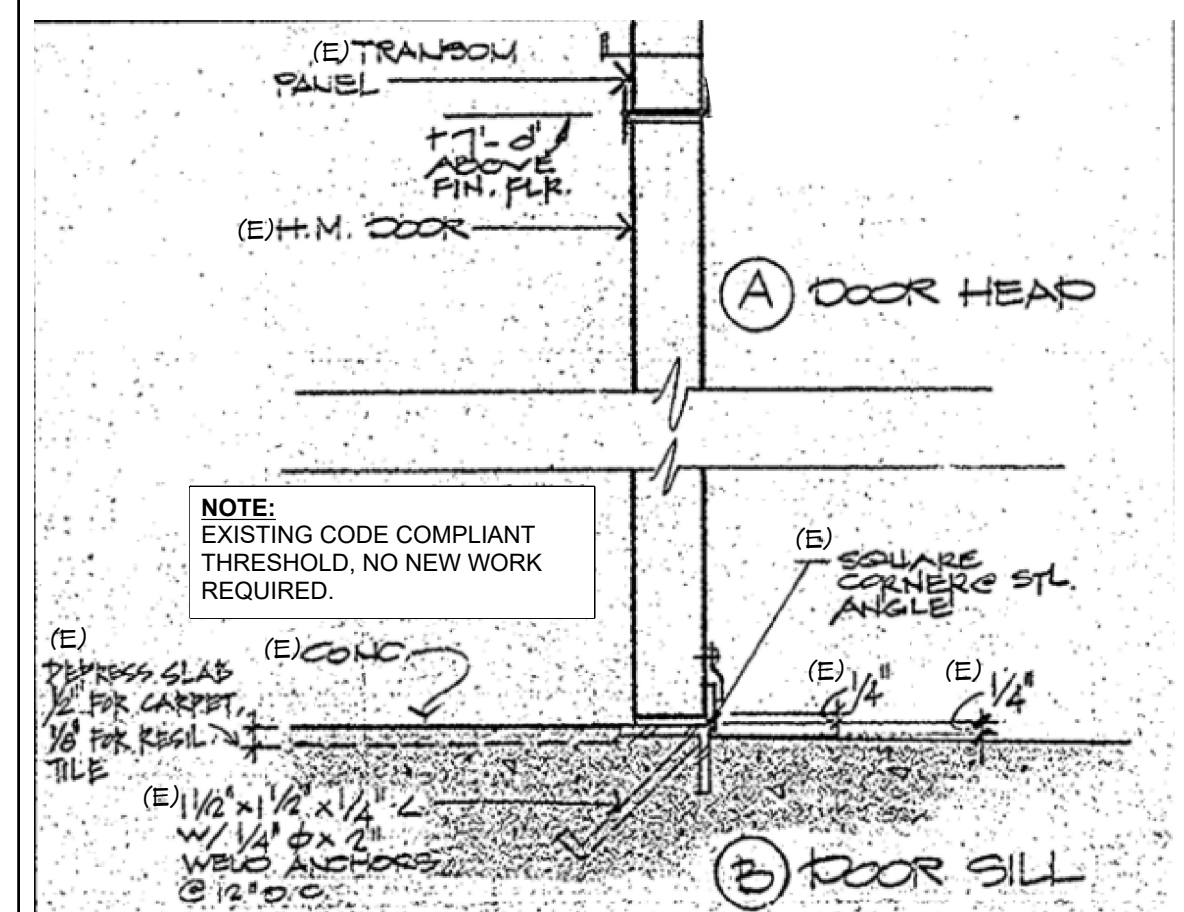
DOOR G166

1. (E) HOLLOW METAL DOORS - (1) PAIR, 3'-4" WIDE X 7'-0" HIGH (EACH LEAF).
2. ADJUST DOOR CLOSURES TO BLD OPERATING FORCE.
3. REMOVE EXISTING DOOR PULL AND REPLACE WITH NEW IVES VR900LLP.
4. REMOVE EXISTING PANIC HARDWARE DEVICE AND REPLACE WITH NEW VON DUFRIN CD9BL-OP.
5. PATCH, REPAIR, AND PAINT EXISTING DOOR.

FOR TYPICAL DOOR NOTES, SEE $\left(\frac{20}{A-2} \right)$

FOR EXISTING THRESHOLD CONDITION, SEE $\frac{10}{A-2}$

DOOR SCHEDULE	SCALE: NTS	5
---------------	---------------	---

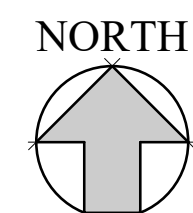


ENLARGED DEMO SITE PLAN - NORTH

SCALE:

9

EXISTING DOOR THRESHOLD	SCALE: NTS	10
-------------------------	---------------	----



ENLARGED DEMO SITE PLAN - SOUTH

SCALE:

19

DOOR NOTES	SCALE: NTS	20
------------	---------------	----

NOTES:

1. ALL EXIT DOORS IN BUILDING SHALL CONFORM WITH THE REQUIREMENTS OF SECTION 1010, CBC 2019. THE FOLLOWING ARE SOME OF THE REQUIREMENTS:
 - A.) EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITH NON-GRIP OPENABLE HARDWARE THAT DOES NOT REQUIRE THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
 - B.) DOOR OPENING HARDWARE SHALL BE MOUNTED BETWEEN 34" - 44" A.F.F.

2. ALL KEY LOCKED DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
3. THE FORCE FOR PUSHING OR PULLING OPEN A DOOR SHALL BE AS FOLLOWS:

CBC SECTION 11B-404.2.9.
INTERIOR HINGED DOORS: SLIDING OR FOLDING DOORS, AND
EXTERIOR HINGED DOORS: 5 POUNDS (22.2 N) MAXIMUM. REQUIRED
FIRE DOOR: THE MAXIMUM OPENING FORCE ALLOWABLE BY THE DSA
AUTHORITY, NOT TO EXCEED 15 POUNDS (66.7 N). THESE FORCES DO
NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS
OR DISENGAGE OTHER DEVICES THAT HOLD THE DOOR IN A CLOSED
POSITION

THE FORCE REQUIRED FOR ACTIVATING ANY OPERABLE PARTS, SUCH AS LEVER HARDWARE, OR DISENGAGING OTHER DEVICES SHALL BE 5 POUNDS (22.2 N) MAXIMUM TO COMPLY WITH CBC SECTION 11B-309.4.

4. THE BOTTOM 10" OF ALL DOORS SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOT REST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION.

5. PANIC HARDWARE SHALL COMPLY WITH CBC STANDARD 10-4 AND SHALL BE MOUNTED BETWEEN 34" AND 44" ABOVE FINISHED FLOOR SURFACE.

GBC SECTION 11B-404.2.9.
INTERIOR HINGED DOORS, SLIDING OR FOLDING DOORS, AND
EXTERIOR HINGED DOORS: FOUND (22.2 N) MAXIMUM REQUIRED
FIRE DOOR: THE MAXIMUM OPENING FORCE ALLOWABLE BY THE DSA
AUTHORITY, NOT TO EXCEED 15 POUNDS (66.7 N). THESE FORCES DO
NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS
OR DISENGAGE OTHER DEVICES THAT HOLD THE DOOR IN A CLOSED
POSITION.

THE FORCE REQUIRED FOR ACTIVATING ANY OPERABLE PARTS, SUCH AS LEVER HARDWARE, OR DISENGAGING OTHER DEVICES SHALL BE 5 POUNDS (22.2 N) MAXIMUM TO COMPLY WITH CBC SECTION 11B-309.4..

6. FLOOR STOPS SHALL NOT BE LOCATED IN THE PATH OF TRAVEL OR GREATER THAN 4" OF WALL.

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REVIEWED FOR
S ☒ FLS ☒ ACS ☒
DATE: 10/18/2023

REVISIONS	BY



ENGINEER

ARCHITECT



NEW SHADE STRUCTURE AND RELATED SITE WORK AT LITTLEROCK HIGH SCHOOL

.....

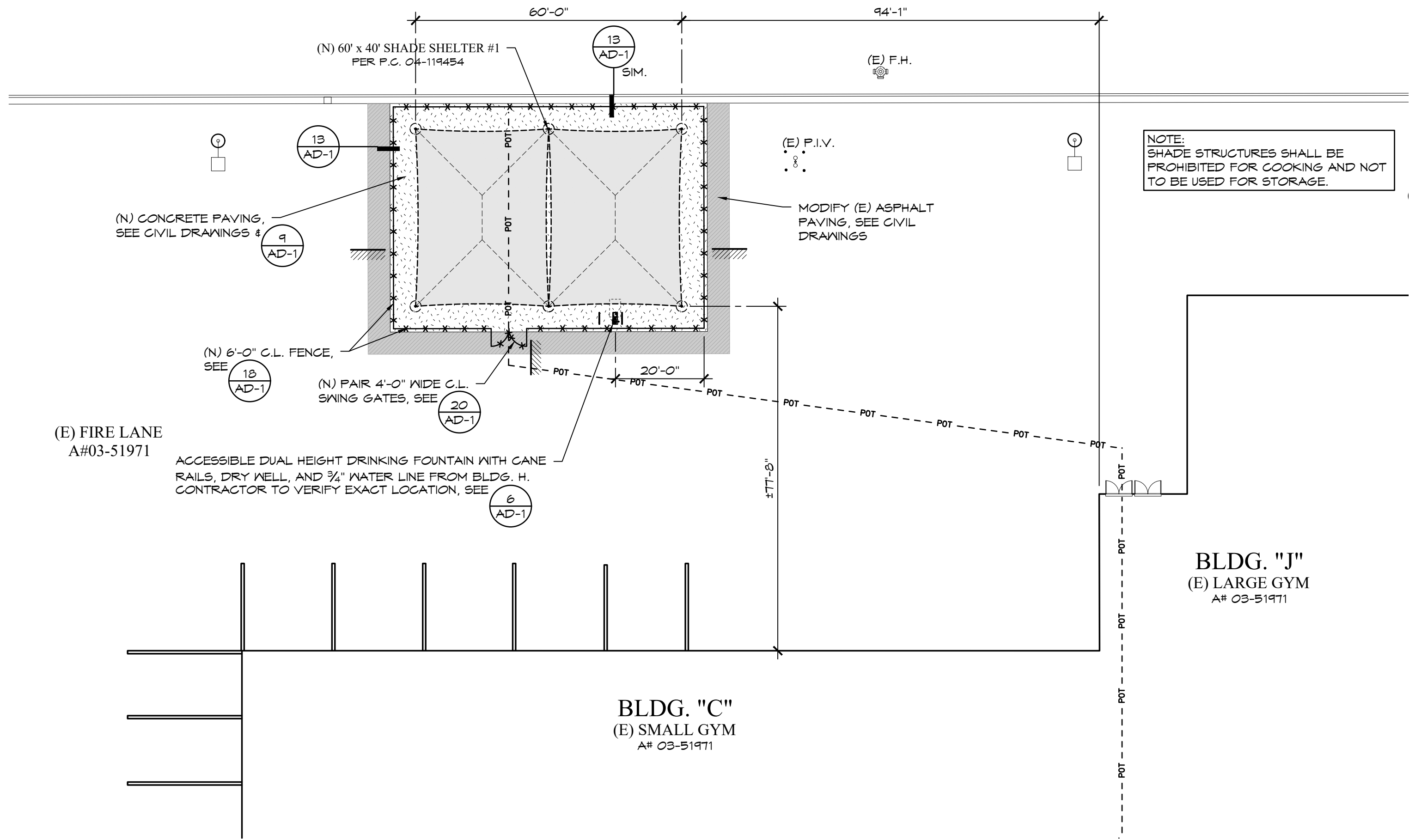
ENLARGED DEMO SITE PLAN

DATE:	October, 2022
DRAWN:	
JOB:	ANT21-01F
SHEET:	

A-2

BID SET

SHEET SIZE: ARCH D (24"x36")
PLOT DATE: 10/25/2022 4:04 PM



ENLARGED NEW SITE PLAN - NORTH

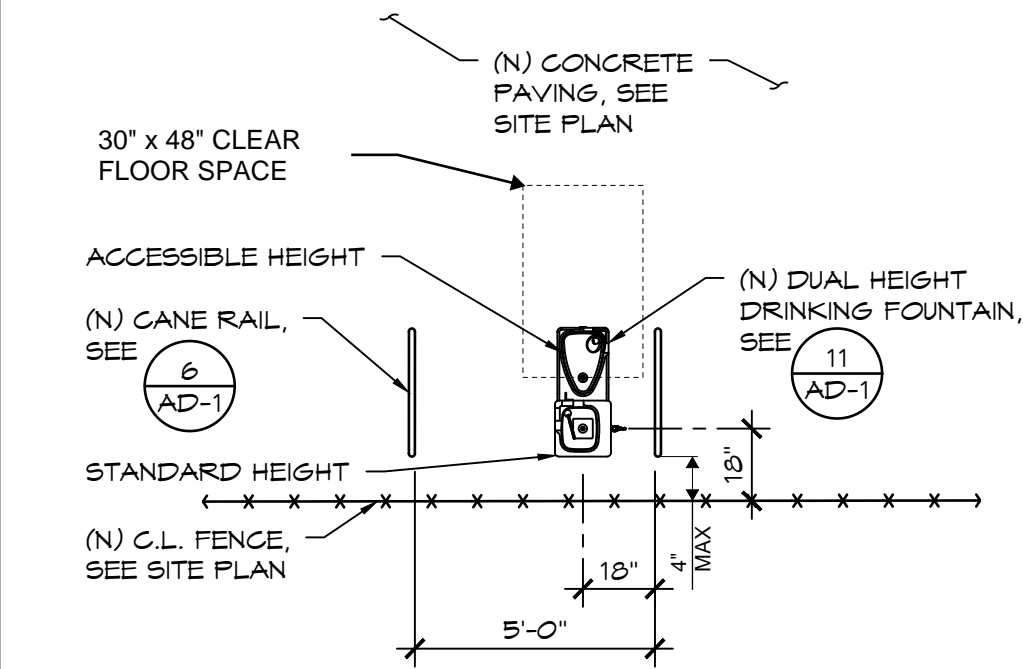
SCALE:
1" = 20'

9

ENLARGED DRINKING FOUNTAIN
PLAN

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

5



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PROJECT:
NEW SHADE STRUCTURE AND RELATED SITE WORK
AT LITTLEROCK HIGH SCHOOL
10935 E AVENUE R, LITTLOCK, CA 93543

SHEET NAME:
ENLARGED NEW SITE PLAN

DATE: October, 2022
DRAWN:
JOB: ANT21-01F
SHEET:

A-3

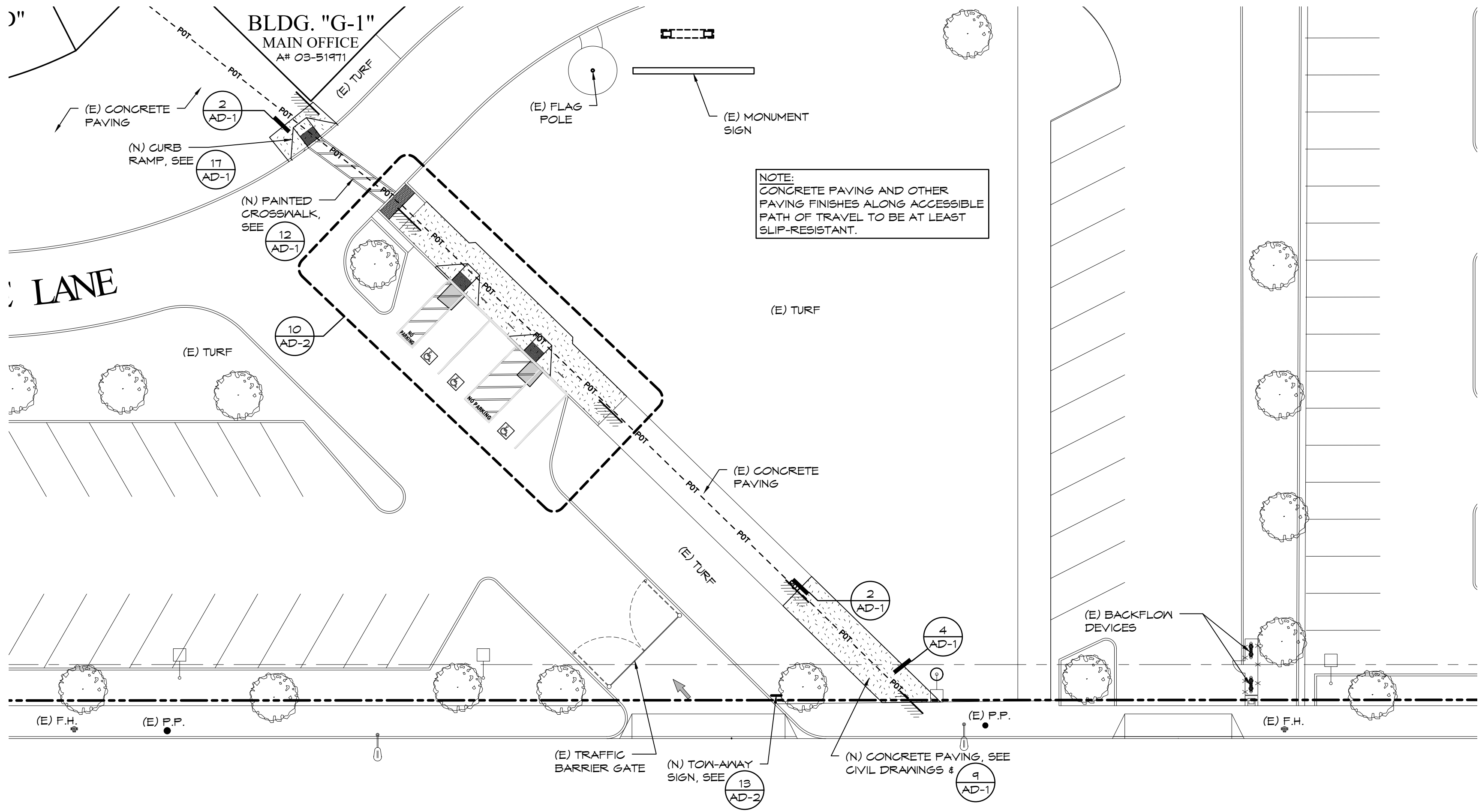
BID SET

Z:\NANTELOPE VALLEY\ANT21-01 - S.S. - 1 VARIOUS SITES\ANT21-01F - LITTLOCK HS\ARCH\A-3 ENLARGED NEW SITE PLAN.DWG

ENLARGED NEW SITE PLAN - SOUTH

SCALE:
1" = 20'

19



LESS THAN 3"

1'-6" MIN.

12" ±

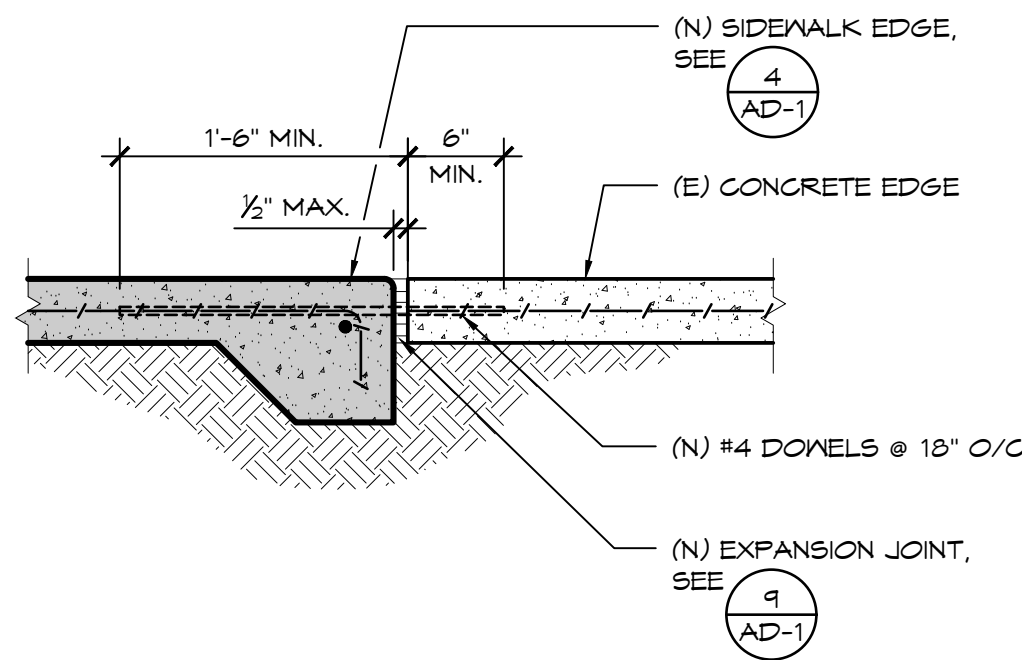
3" MIN.

5" MAX.

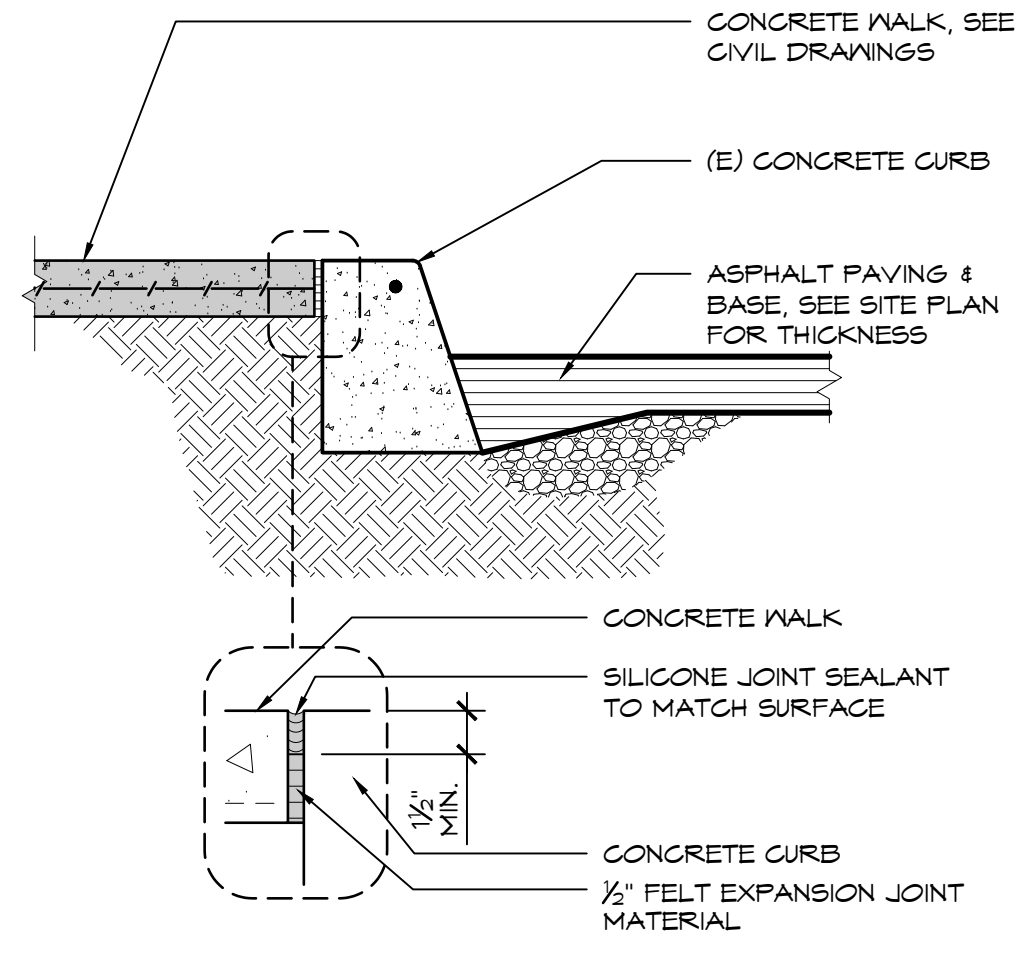
1'-6" MIN.

CONDITION 'A' PLAN VIEW

CONDITION 'B' PLAN VIEW



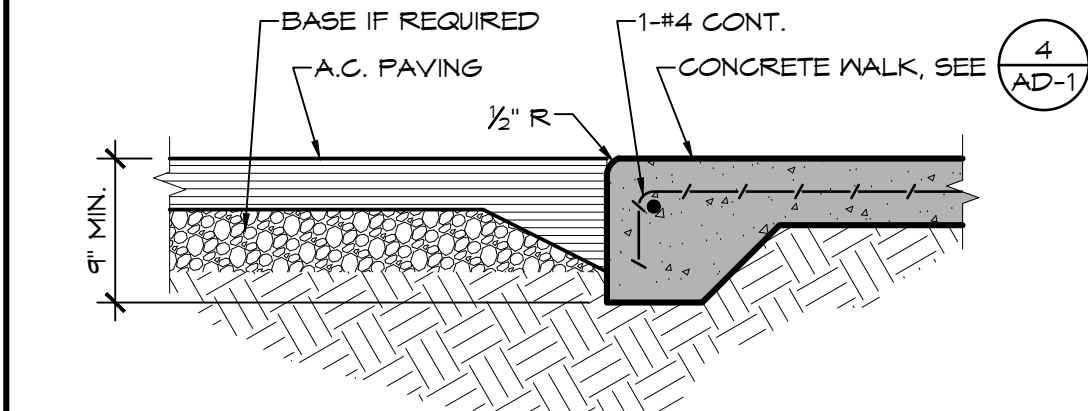
- NOTES:
1. PROVIDE FLUSH TRANSITION BETWEEN THE TWO SURFACES



-
- A cross-sectional diagram of a concrete curb and gutter assembly. The diagram shows a concrete curb on the left, sloping down to a gutter channel. A dashed horizontal line indicates the finish grade. Below the gutter, there is a layer labeled "PAVING WHERE OCCURS". Dimensions include a 6" width at the base of the curb, a 4" MAX. height from the gutter bottom to the finish grade, and a total depth of 8" from the gutter bottom to the paving layer. Labels point to various components:
- CONCRETE WALK, SEE CIVIL DRAWINGS
 - #4 BAR CONT.
 - $\frac{1}{4}$ " RADIUS
 - FINISH GRADE
 - PAVING WHERE OCCURS

- NOTES:
1. PROVIDE $\frac{1}{2}$ " EXPANSION FELT BETWEEN (N) AND (E) CONCRETE PAVING AND BETWEEN (N) CONCRETE PAVING AND (E) BUILDING.
 2. PROVIDE FLUSH TRANSITION BETWEEN (N) AND (E) ADJACENT PAVING UNLESS NOTED OTHERWISE.
 3. FOR E.J. & T.J. SEE

9
AD-1



- NOTE:**
1. FOR THICKNESS OF PAVING MATERIAL, SEE SITE PLAN
 2. PROVIDE FLUSH TRANSITION BETWEEN THE TWO SURFACES.

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

NOTE: GRIND SMOOTH & POLISH ALL CONNECTIONS, RADIUS AND ALL CORNERS

Q (TYP.) ALL WELDS

6" MAX.

YARD DRINKING FOUNTAIN, SEE 11 AD-1

PORTION OF HANDRAIL, BEYOND

1" DIA. HANDRAILS, (TYP OF 2)

(TYP) 3" RADIUS

31" MAX.

36" MAX.

34" MAX.

15" MIN.

42" MIN.

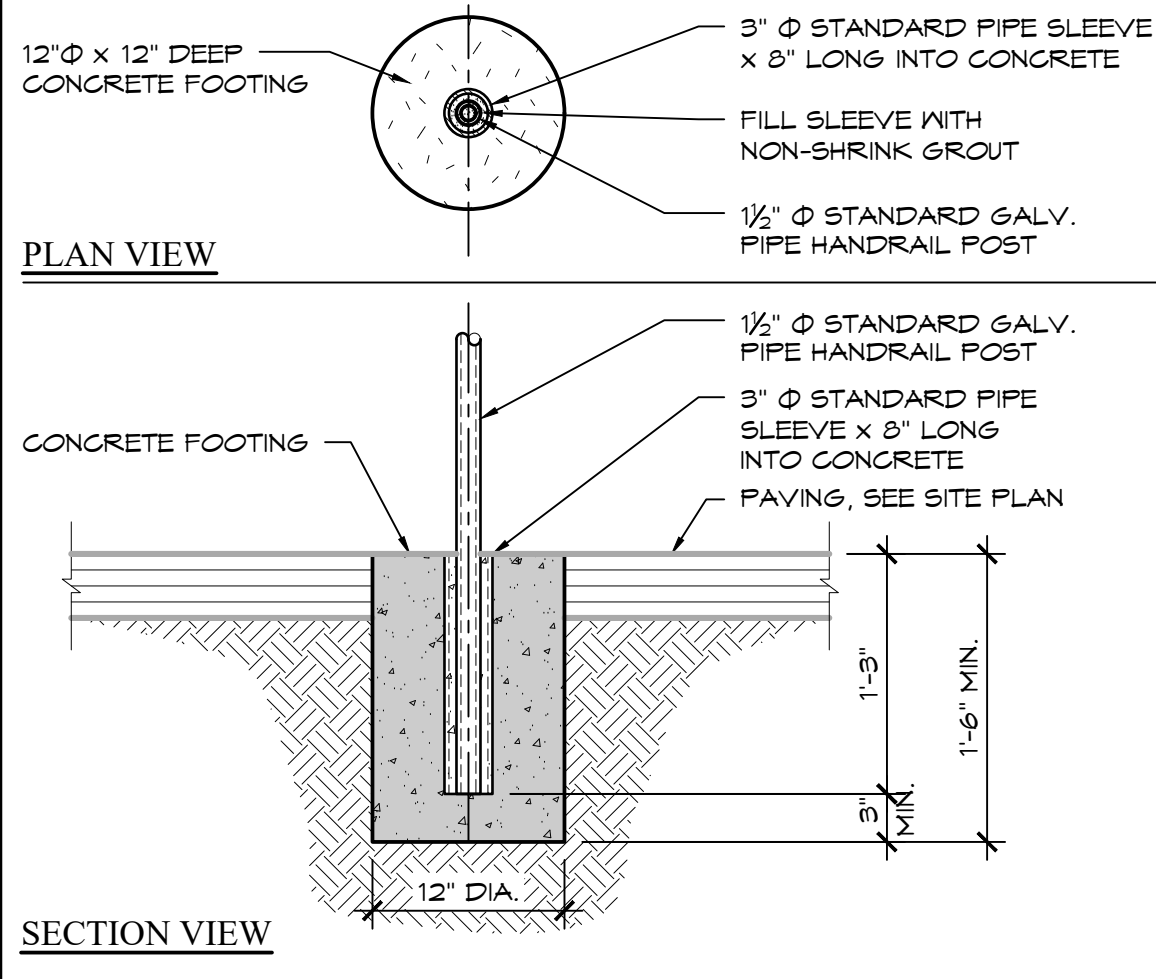
30" x 48" MIN. CLEAR AREA

CONC. PAVING SEE SITE PLAN

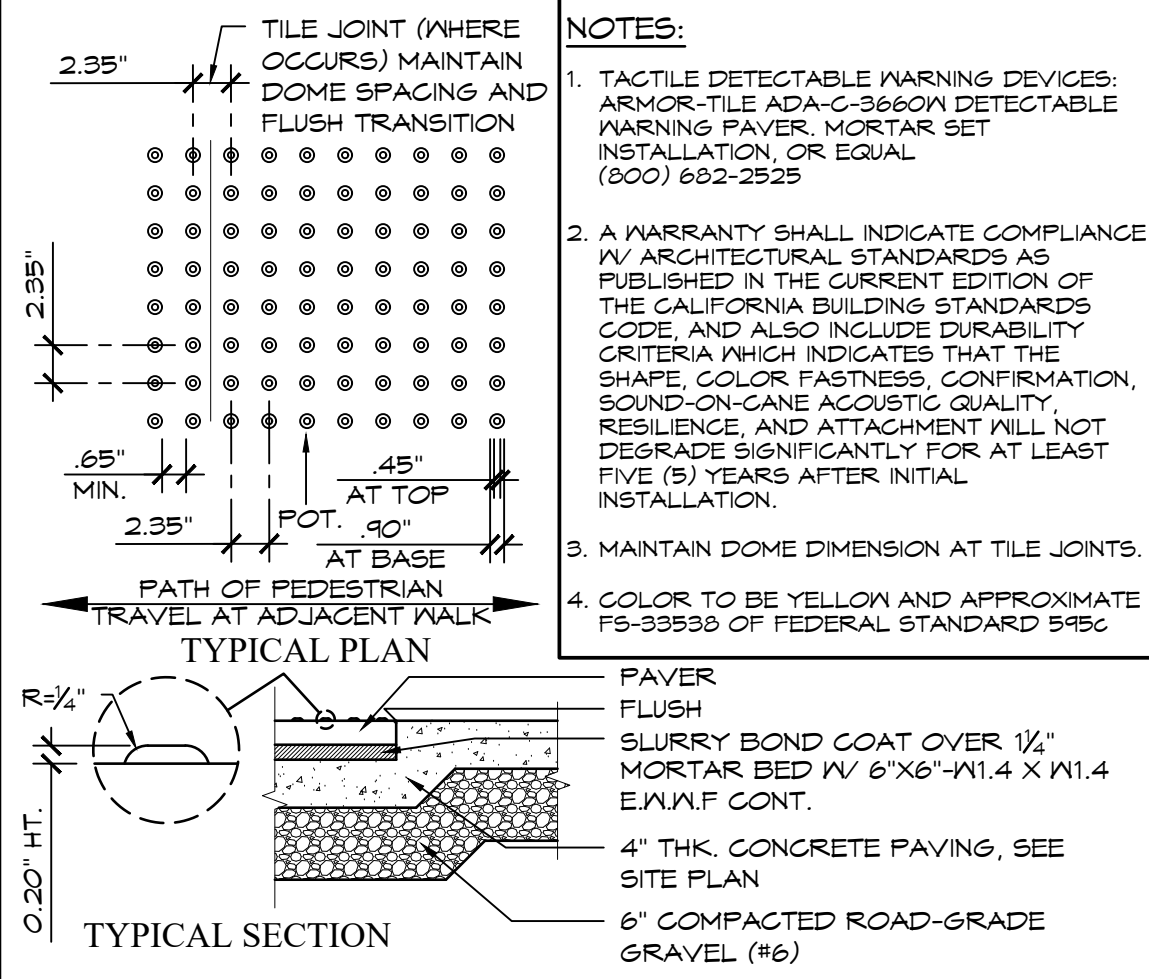
CONC. FOOTINGS, SEE 7 AD-1

6" MAX.

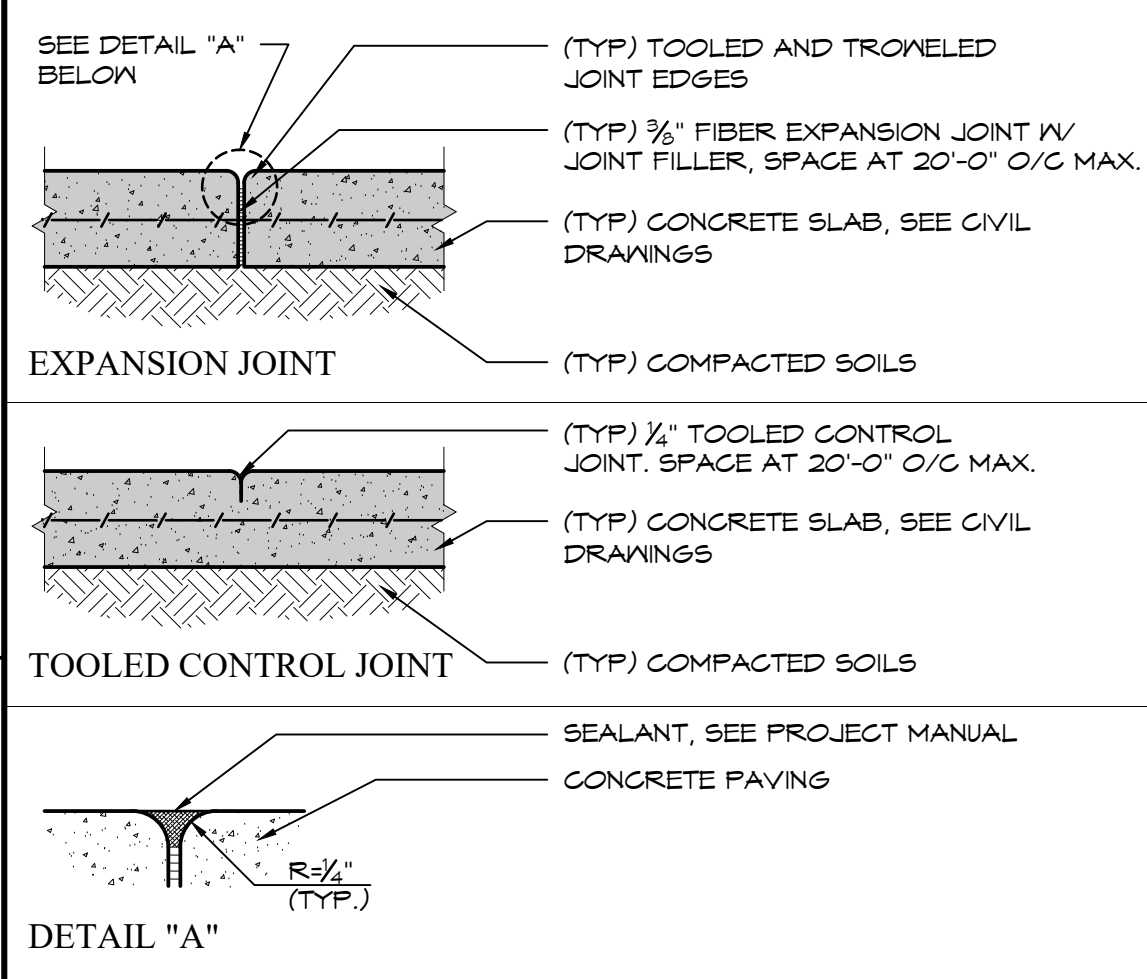
SCALE: 1" = 1'-0"	2 02-017E REV
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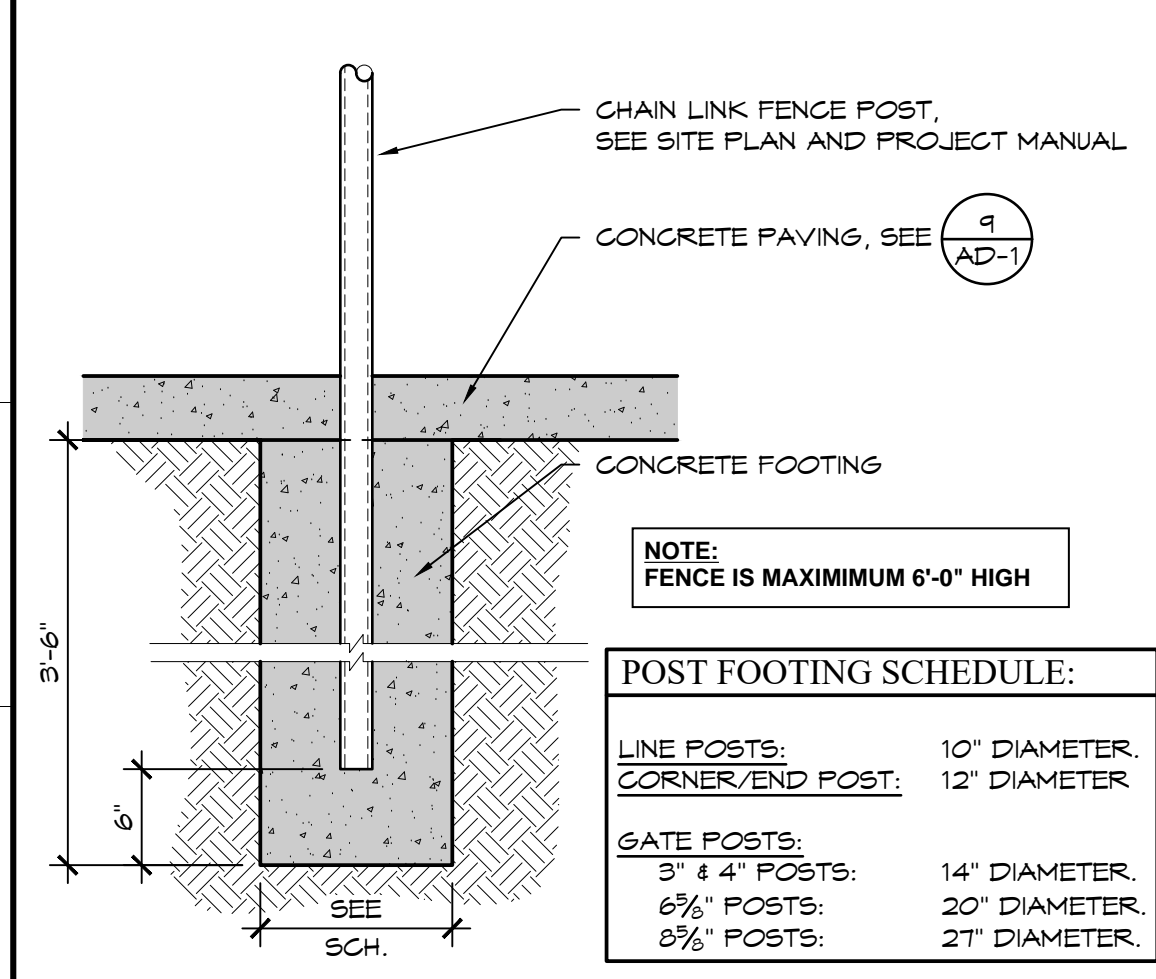
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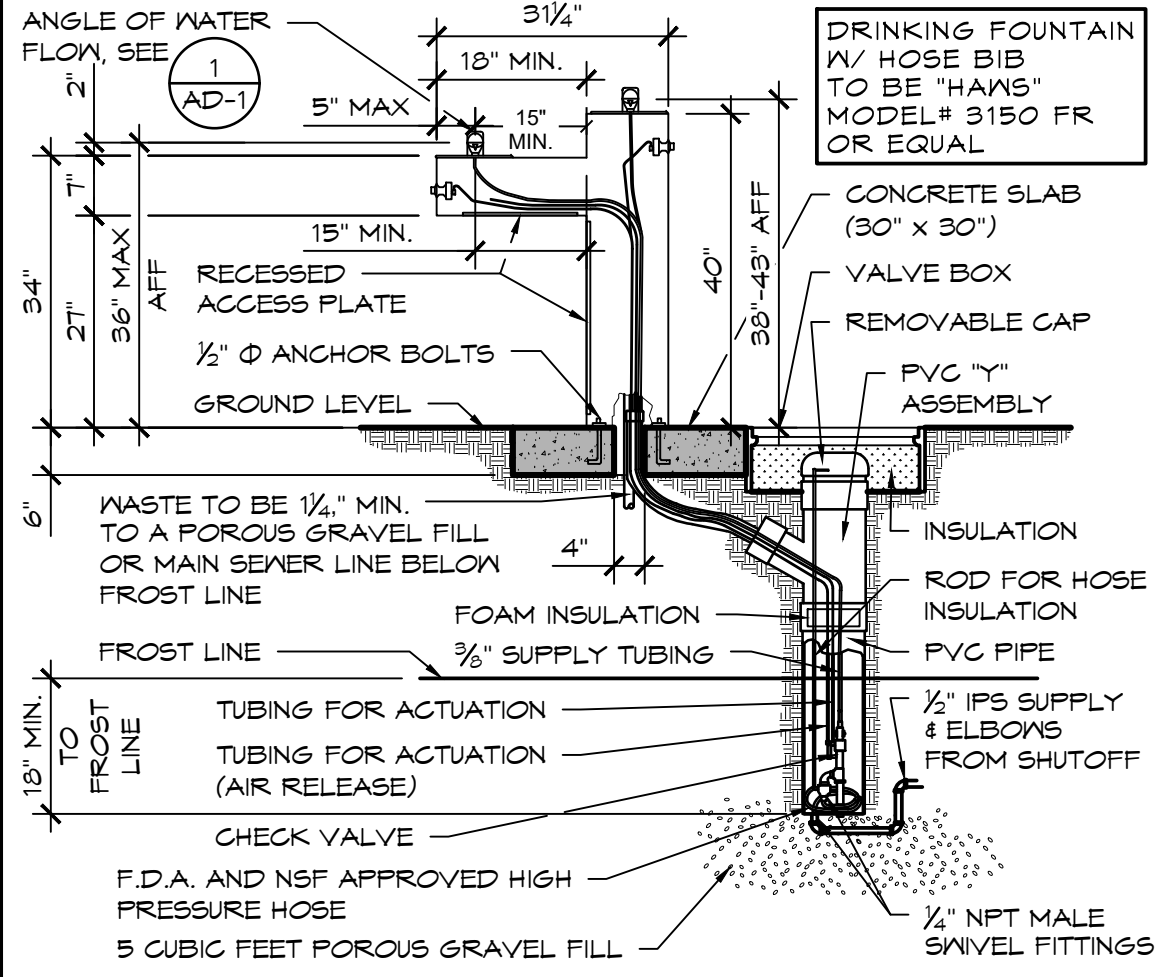
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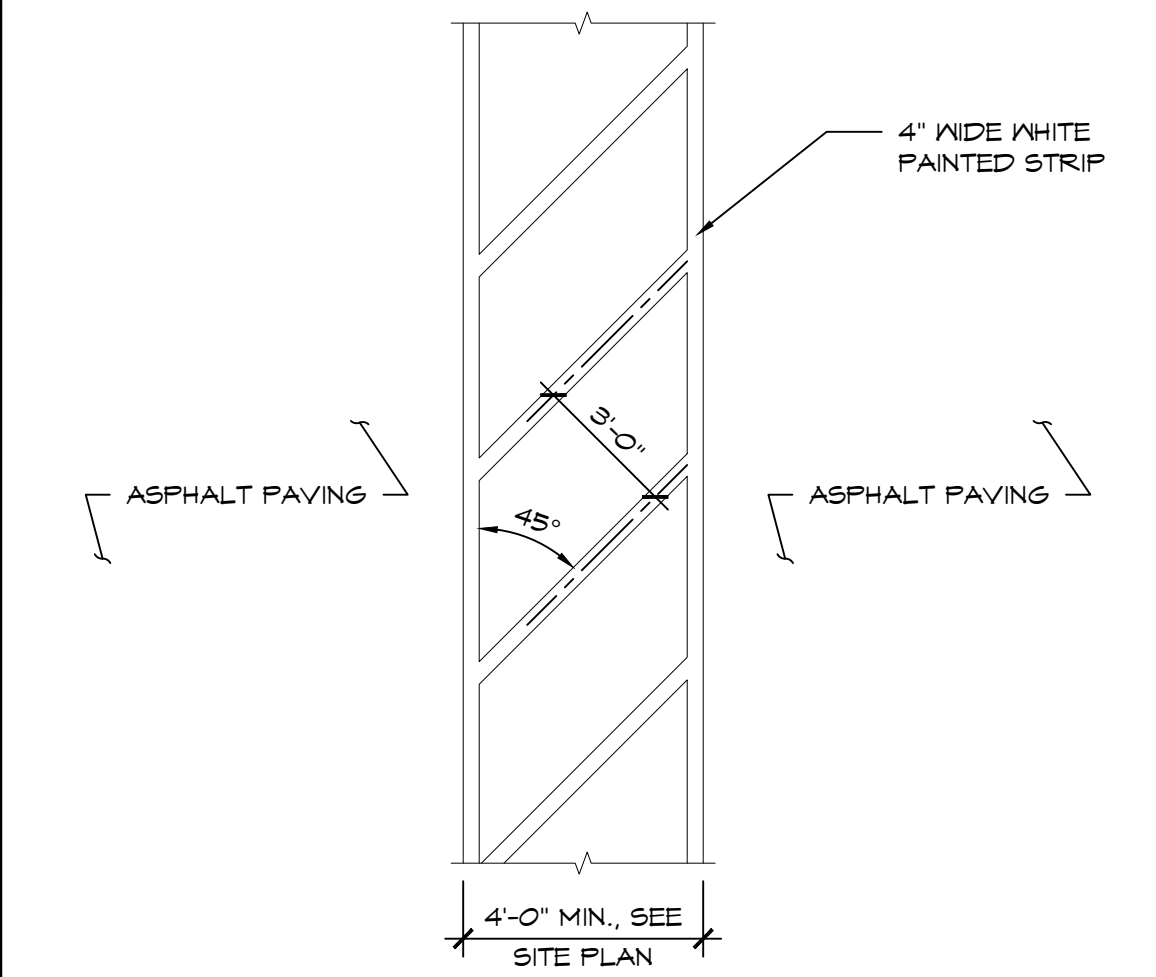
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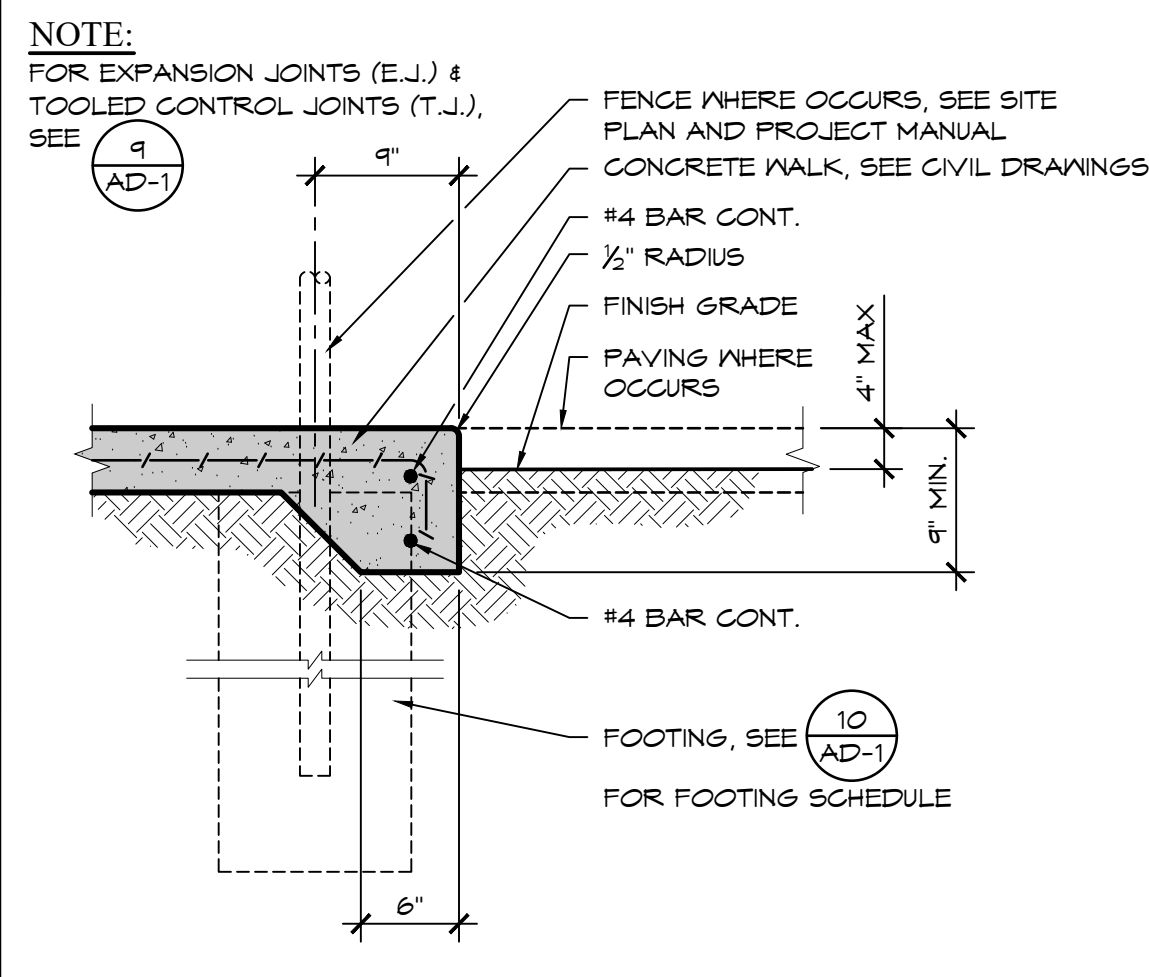
SCALE: $\frac{1}{4}" = 1'-0"$	6
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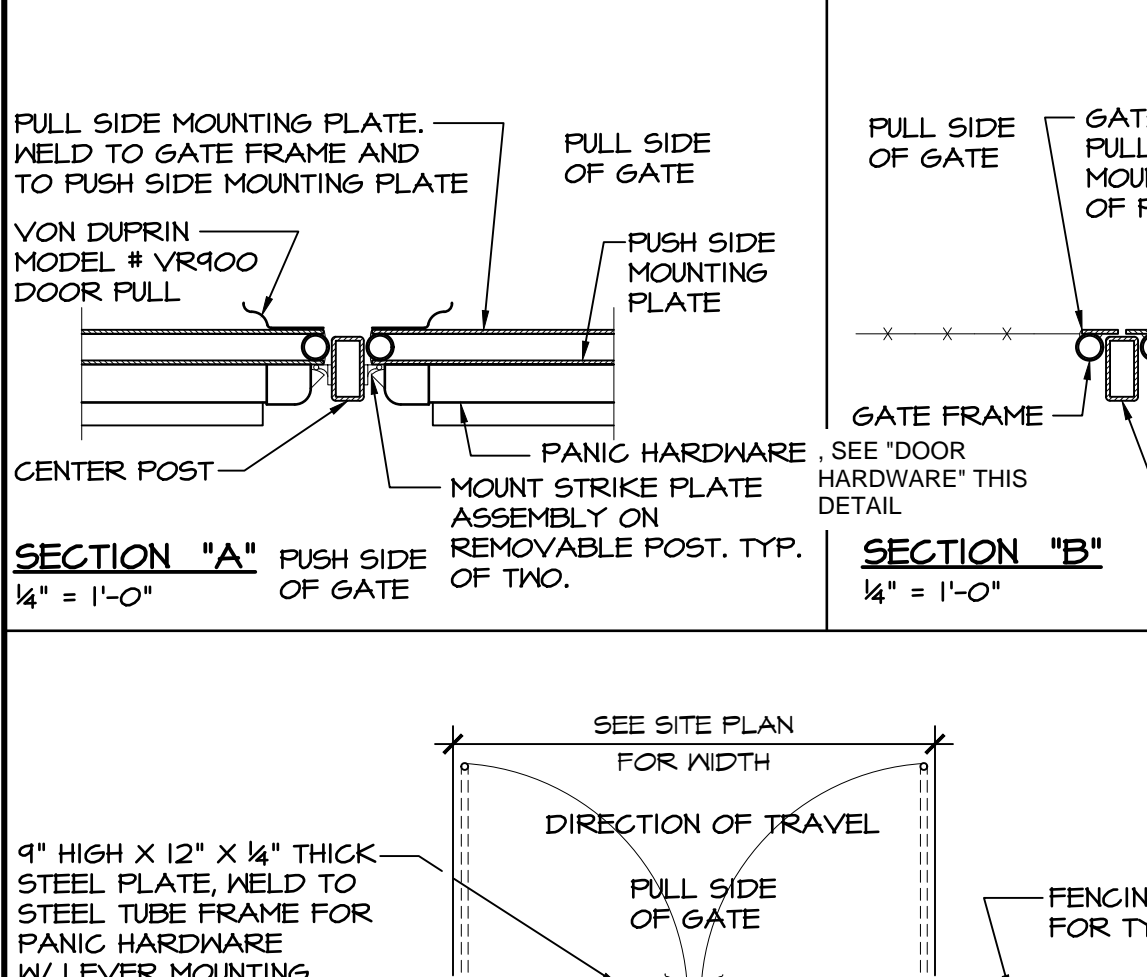
SCALE: 1" = 1'-0"	7 05-002E REV
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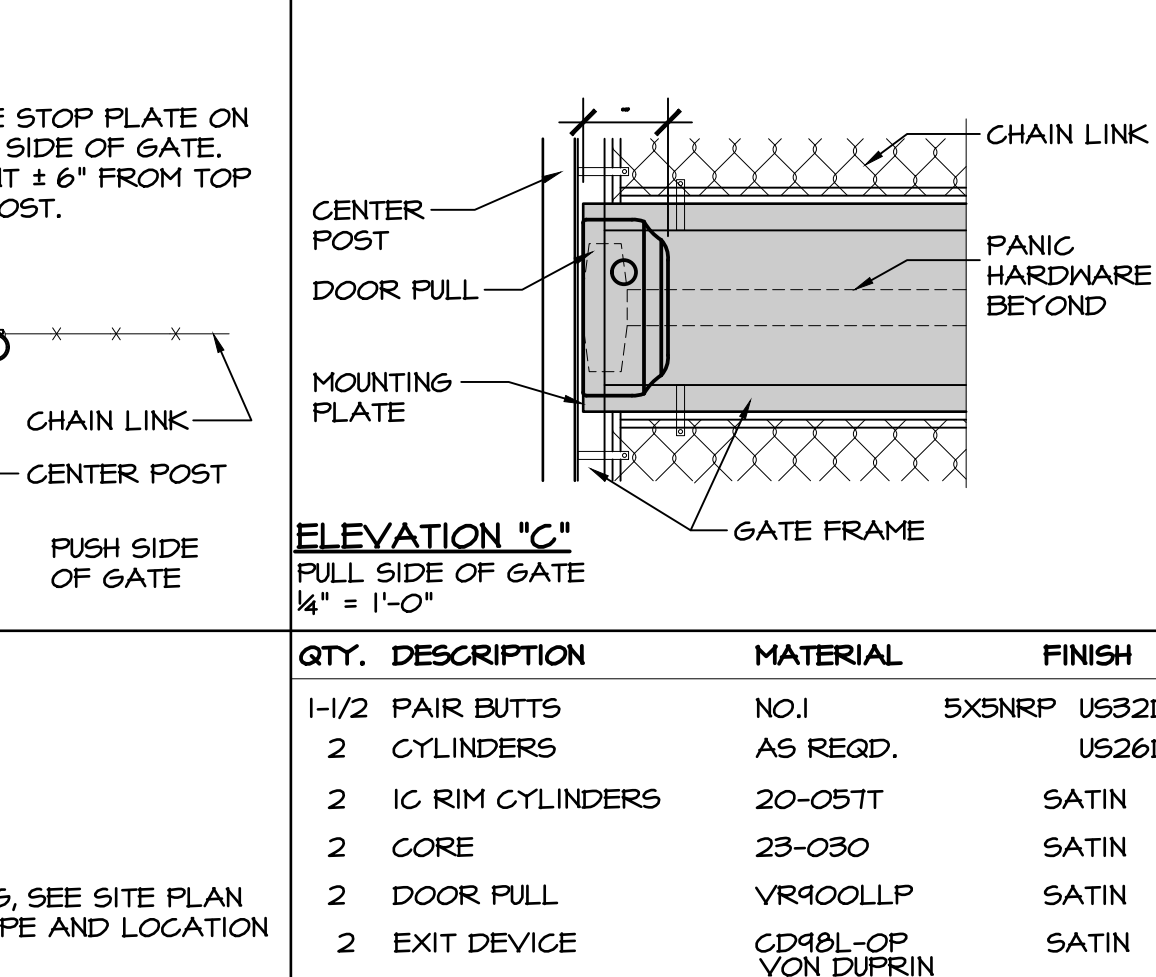
SCALE: 1" = 1'-0"	8 02-057B
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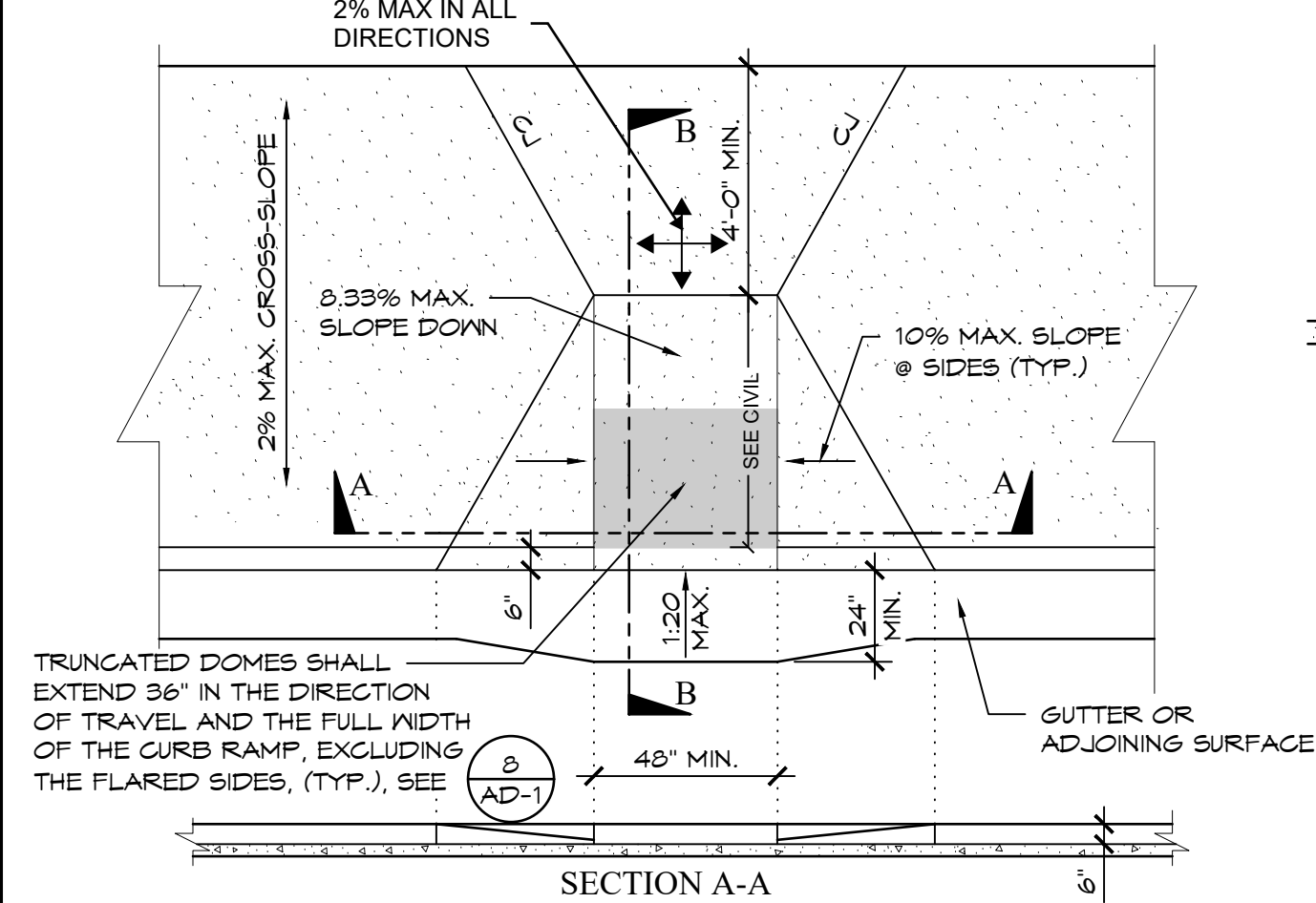
SCALE: 1½" = 1'-0"	9 02-01BA REV
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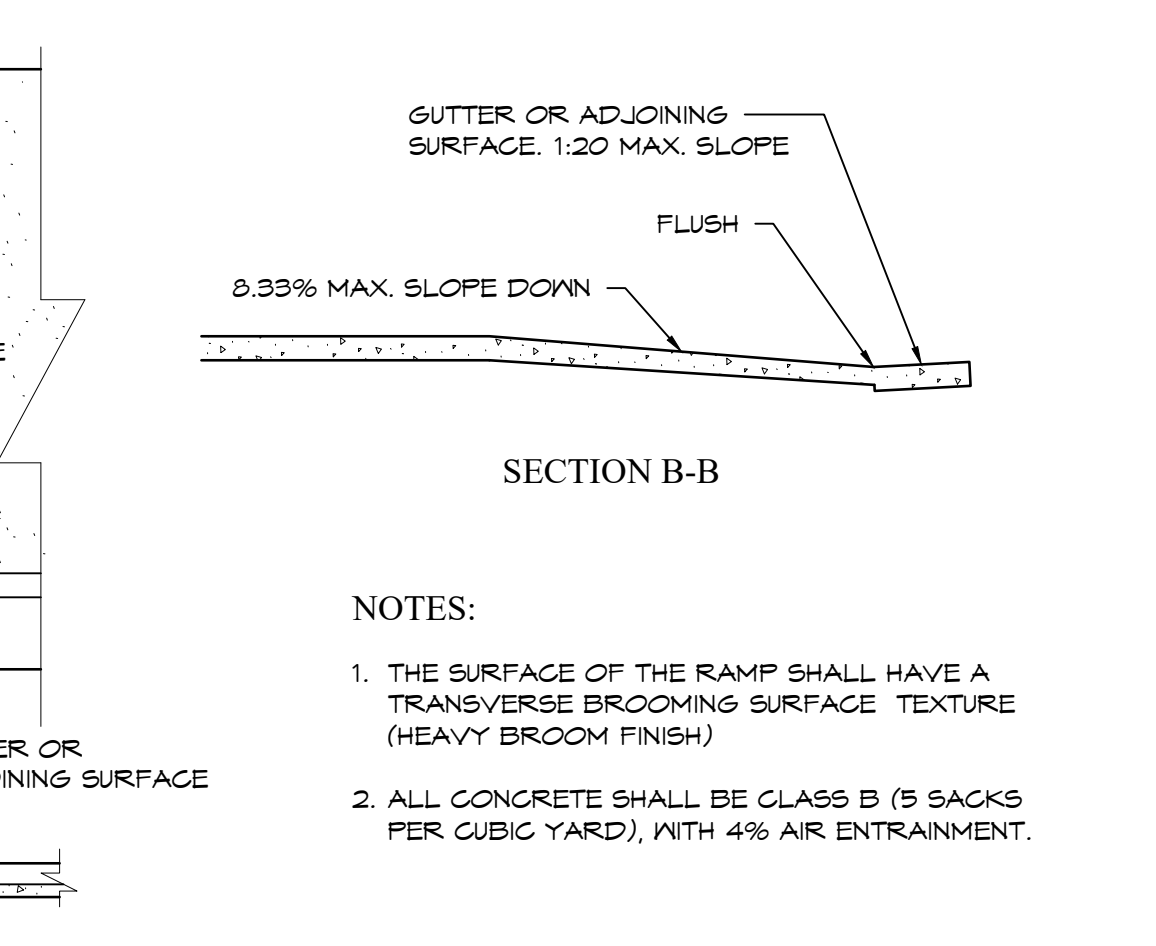
SCALE: 1" = 1'-0"	10 02-031A REV
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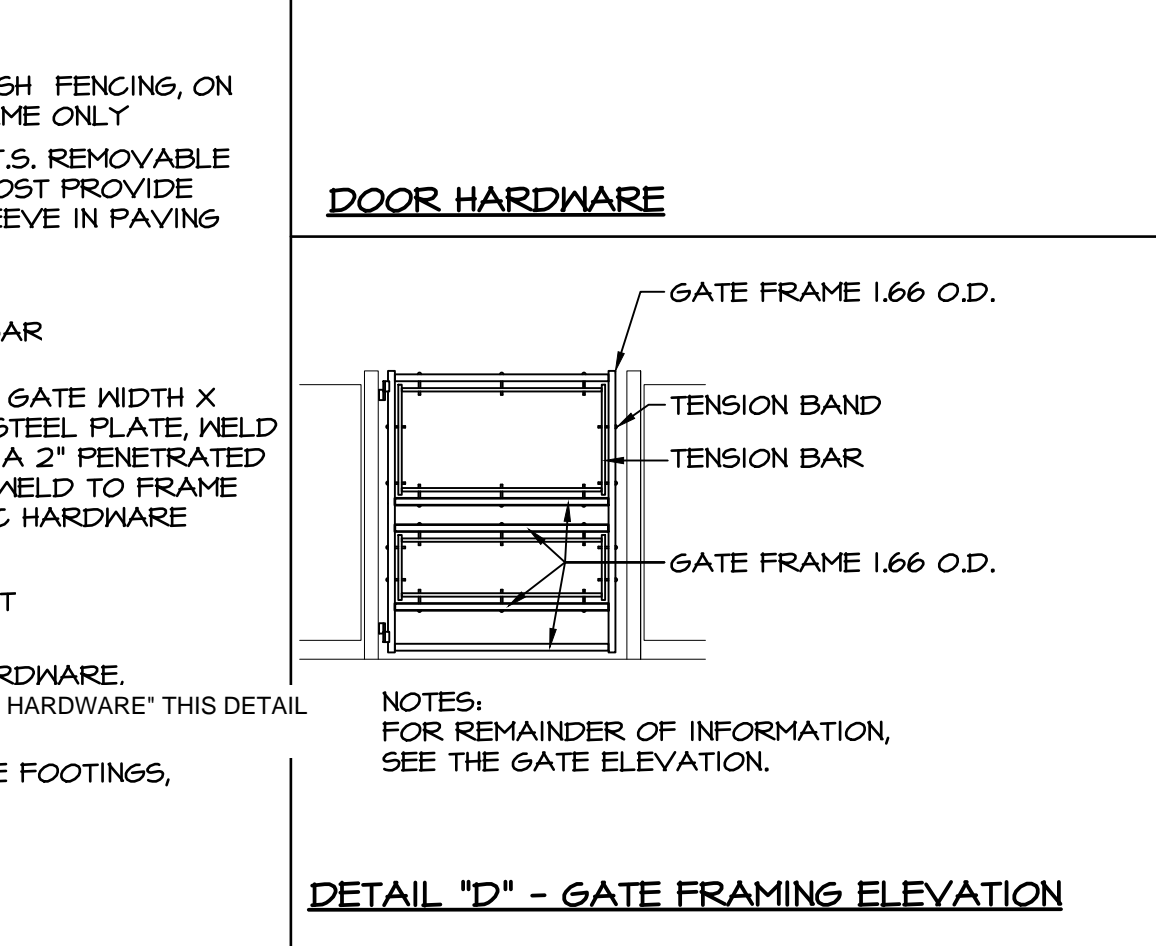
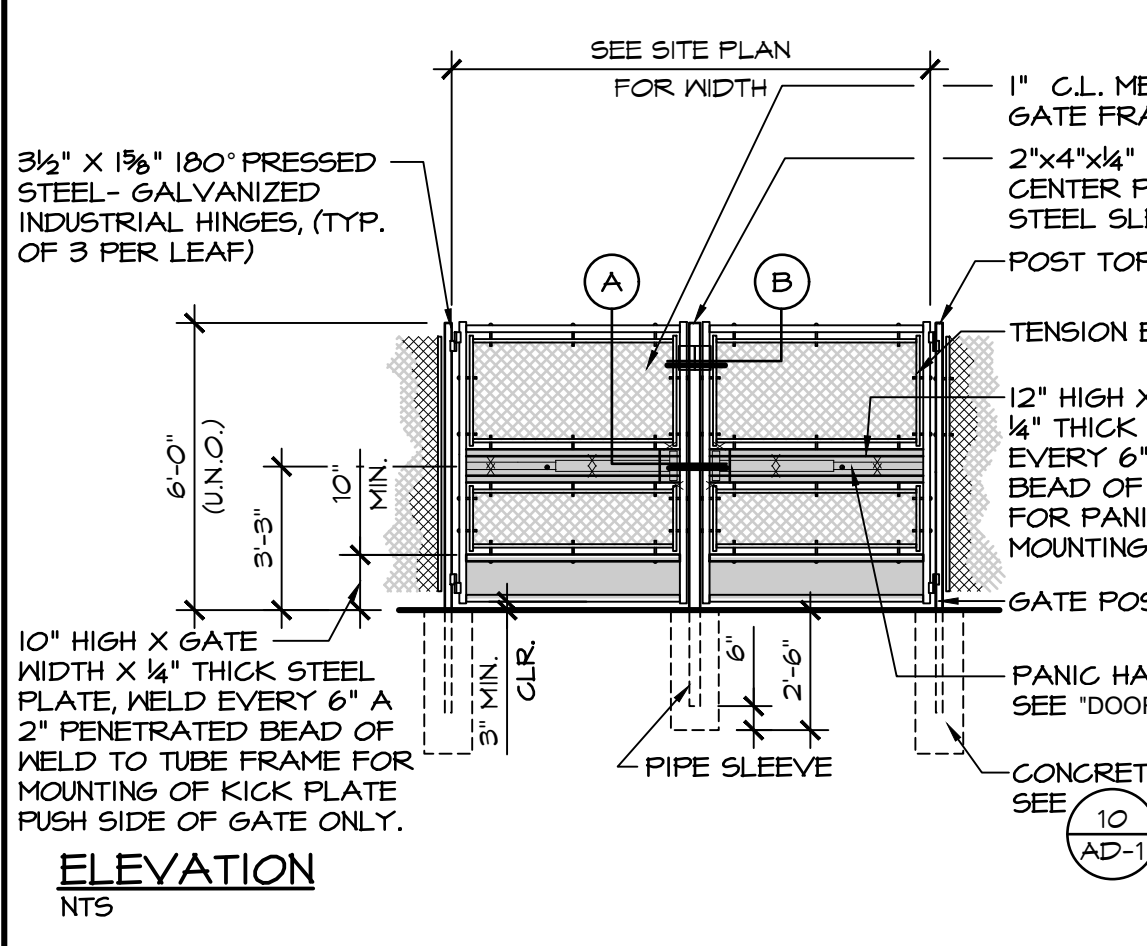
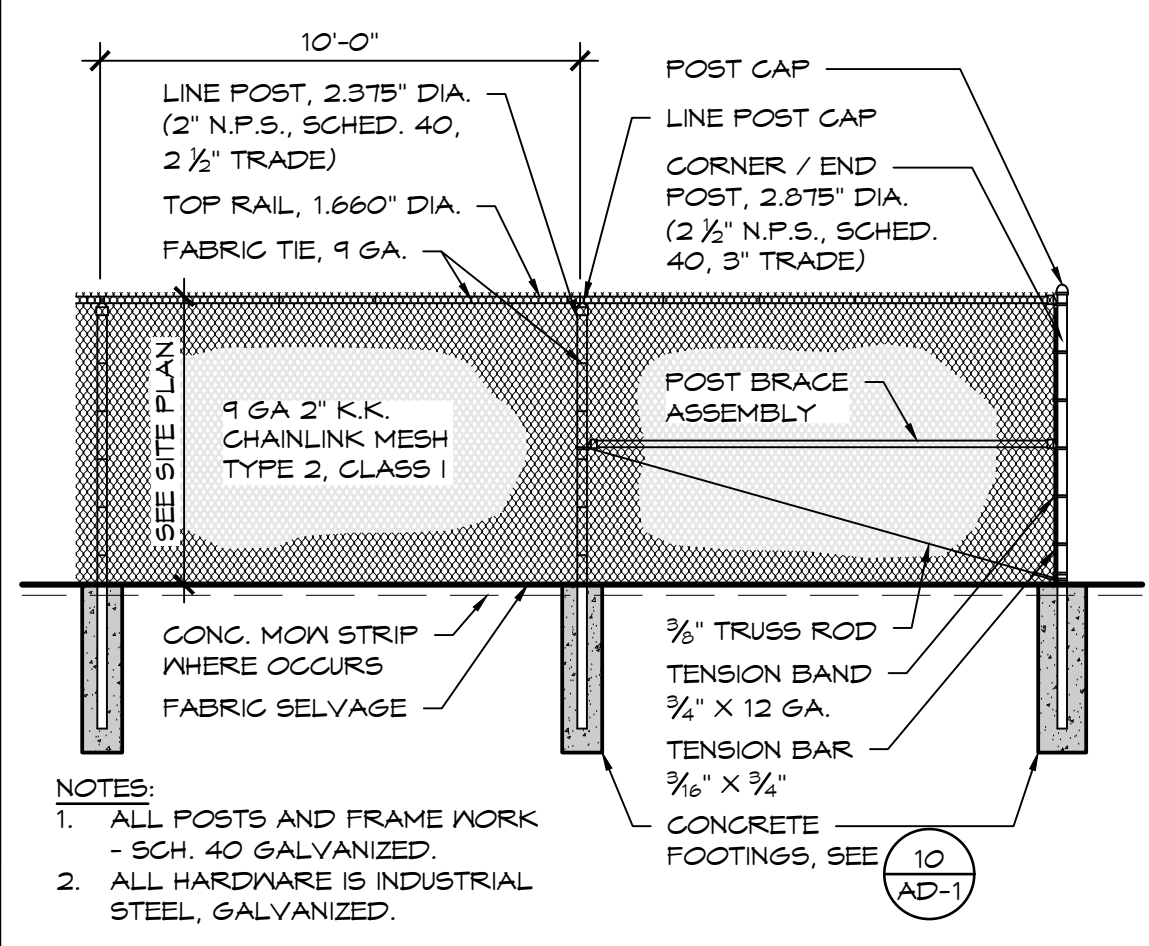
SCALE: $\frac{1}{2}" = 1'-0"$	11 10-031 REV
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SCALE: 1/4" = 1'-0"	12 02-068 REV
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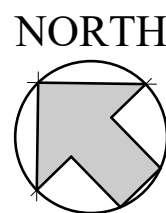
SCALE: 1" = 1'-0"	14 02-0318 REV
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SCALE: 1/4" = 1'-0"	18 02-031D
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SCALE: 1/4" = 1'-0"	20
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IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP: 03-122264 INC: REVIEWED FOR SS <input checked="" type="checkbox"/> FLS <input checked="" type="checkbox"/> ACS <input checked="" type="checkbox"/> DATE: 10/18/2023	
REVISIONS	BY
<div style="display: flex; align-items: center;"> <div> <p>Frick, Frick & Jetté Architects</p> <p>19153 Town Center Dr., Suite 101 Apple Valley, CA 92308 (760) 240-6211 www.fffj-arch.com SERVING CLIENTS IN CALIFORNIA SINCE 1946 Architecture ■ Planning ■ Landscape Architecture</p> </div> </div>	
ENGINEER	
ARCHITECT	
PROJECT: NEW SHADE STRUCTURE AND RELATED SITE WORK AT LITTLEROCK HIGH SCHOOL _____ 10933 E AVENUE R, LITTLEROCK, CA 49543	<div style="text-align: center; padding-top: 50px;"> <p>DETAILS</p> </div> <div style="text-align: center; padding-top: 20px;"> <p>SHEET NAME:</p> </div>
DATE: October, 2022	
DRAWN: _____	
JOB: _____	
SHEET: ANT21-O1F	
<h1 style="margin: 0;">AD-1</h1>	



SCALE: 10
1/4" = 1'-0"



BID SET