

IN LINE WITH ARCHITECTURAL
DRAWING STANDARDS
SHEET: DRAWING PAGE SIZE

Kern High School District

KHSD Arvin High School ESSER III

Phase 1^A Roofing Project Building 8A

900 Varsity Rd
Arvin, CA 93203



6/2/2024 10:15:35 AM

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-124252 INC:
REVIEWED FOR:
SS ☒ FLS ☒ ACS ☐
DATE: 06/18/2024



HMC Architects



3566-002-103

3546 CONCOURS STREET
ONTARIO, CA 91764
909 989 9979 / www.hmcarchitects.com

PROJECT TEAM

CLIENT
KERN HIGH SCHOOL DISTRICT
5801 Sundale Ave, Bakersfield, CA 93309
(661) 827-3100

ARCHITECTURAL
HMC ARCHITECTS
3546 Concour Street, Ontario, CA 91764
(909) 989-9979

STRUCTURAL
HOHBACH-LEWIN
511 Mission Street, South Pasadena, CA 91030
(626) 441-1211

FACILITY:
Arvin High School
900 Varsity Rd
Arvin, CA 93203

PROJECT:
KHSD Arvin High School ESSER III Phase 1 Roofing - Building 8A Project

SHEET NAME:
COVER SHEET

DSA Submittal

FILE NO.: 15-H3	A NO.: 03-124252
DATE: 2024.04.11	CLIENT PROJ NO: 3566002103
SHEET:	

THE LINE SHOWN ABOVE THE SHEET DRAWING PAGE SIZE

GENERAL NOTES

- CONSTRUCTION DOCUMENTS DESCRIBE THE PRODUCTS, SYSTEMS, QUANTITIES, CONFIGURATION, AND PERFORMANCE SPECIFICATIONS THAT DELIVER THE OVERALL DESIGN INTENT OF THE PROJECT.
- THE CONSTRUCTION DOCUMENT DRAWINGS AND SPECIFICATIONS ARE COMPLEMENTARY, AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY BOTH.
- PERFORMANCE BY THE CONSTRUCTION TEAM SHALL BE CONSISTENT WITH THE CONSTRUCTION DRAWINGS AND SPECIFICATIONS AS NECESSARY TO DELIVER THE INDICATED RESULTS OF THE DESIGN INTENT.
- VERIFY ALL DIMENSIONS, LOCATIONS OF EXISTING UTILITIES, AND CONDITIONS ON THE JOB SITE PRIOR TO THE START OF WORK OR PORTIONS OF THE WORK. NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN THE ACTUAL FIELD CONDITIONS AND THE CONSTRUCTION DOCUMENTS. EXISTING CONDITIONS ARE INDICATED AS A RESULT OF FIELD OBSERVATIONS. INFORMATION SHOWN ON AVAILABLE DOCUMENTS AND FIELD CONDITIONS AT THE TIME OF PREPARATION.
- ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH ALL GOVERNING CODES, ORDINANCES, REGULATIONS AND LAWS.
- THE DESIGN ADEQUACIES AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS AND SCAFFOLDING IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- WHERE ANY CONFLICT OCCURS BETWEEN THE REQUIREMENTS OF LAWS, CODES, ORDINANCES, RULES AND REGULATIONS, THE MOST STRINGENT SHALL GOVERN.
- IN NO CASE SHALL WORKING DIMENSIONS BE SCALED FROM PLANS, SECTIONS OR DETAILS ON THE DRAWINGS.
- DETAILS MARKED "TYPICAL" SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY NOTED OTHERWISE.
- ENACT ALL MEASURES TO PROTECT AND SAFEGUARD ALL EXISTING ELEMENTS TO REMAIN FROM BEING DAMAGED, REPLACE OR REPAIR EXISTING ELEMENTS DAMAGED BY THE EXECUTION OF THIS CONTRACT TO EQUAL OR BETTER CONDITION.
- PRIOR TO THE START OF WORK THE CONTRACTOR SHALL COORDINATE BETWEEN THE REQUIREMENTS OF ALL DISCIPLINES HEREIN AND BETWEEN THE REQUIREMENTS OF ALL DRAWINGS AND SPECIFICATIONS IN ORDER THAT ALL ITEMS SATISFACTORILY RELATE TO ONE ANOTHER. NOTIFY ARCHITECT IMMEDIATELY REGARDING ANY ITEMS THAT CANNOT BE COORDINATED.
- CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING AND TRECHING ON THIS SITE TO AVOID EXISTING DUCTS, PIPING, CONDUIT, ETC. AND TO PREVENT HAZARD TO PERSONNEL AND/OR TO EXISTING UNDERGROUND UTILITIES OR STRUCTURES. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT SHOULD SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED. THESE DRAWINGS AND SPECIFICATIONS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.
- CUTTING, BORING, SAW CUTTING OR DRILLING THROUGH THE EXISTING OR NEW STRUCTURAL ELEMENTS SHALL NOT TO BE STARTED UNTIL THE DETAILS HAVE BEEN REVIEWED AND APPROVED BY THE ARCHITECT, AND STRUCTURAL ENGINEER OF RECORD.
- THE LIMIT OF WORK LINE SHOWS THESE DRAWINGS IS AN APPROXIMATE LIMIT OF WORK ONLY. REFER TO CONSULTANT DRAWINGS FOR ADDITIONAL WORK, INCLUDING BUT NOT LIMITED TO INSTALLATION OF CONDUIT, MANHOLES, PULL BOXES, ETC WHICH ARE TO BE PART OF THIS WORK, ALTHOUGH OCCURRING OUTSIDE OF SHOWN LIMIT OF WORK LINES.
- CONTRACTOR IS TO REVIEW AND COMPLY WITH ALL REQUIREMENTS AND MITIGATION MEASURES SET FORTH IN BOTH THE ENVIRONMENTAL IMPACT REPORT (ADDENDUM TO THE ENVIRONMENTAL IMPACT REPORT 1 SCH NO. 2020/7120) INCLUDING ATTACHED BIOLOGICAL RESOURCES TECHNICAL REPORT.
- NO DUMPING OR PLACING OF ANY DIRT OR DEBRIS SHALL BE ALLOWED OUTSIDE OF THE CONTRACTORS LIMIT OF WORK AREA.
- THE CALIFORNIA ENERGY CODE SECTION 10-103 REQUIRES ACCEPTANCE TESTING ON ALL NEWLY INSTALLED LIGHTING CONTROLS, MECHANICAL SYSTEMS, ENVELOPES, AND PROCESS EQUIPMENT AFTER INSTALLATION AND BEFORE PROJECT COMPLETION. AN ACCEPTANCE TEST IS A FUNCTIONAL PERFORMANCE TEST TO HELP ENSURE THAT NEWLY INSTALLED EQUIPMENT IS OPERATING AND IN COMPLIANCE WITH THE ENERGY CODE.
- LIGHTING CONTROLS ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED LIGHTING CONTROLS ACCEPTANCE TEST TECHNICIAN (ATT).
- MECHANICAL SYSTEM ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED MECHANICAL ATT FOR PROJECTS SUBMITTED ON OR AFTER OCTOBER 1, 2021.
- ENVELOPE AND PROCESS EQUIPMENT ACCEPTANCE TESTS SHALL BE PERFORMED BY THE INSTALLING CONTRACTOR, ENGINEER/ARCHITECT OF RECORD OR THE OWNER'S AGENT.
- A LISTING OF CERTIFIED ATT CAN BE FOUND AT: <https://www.energy.ca.gov/programs-and-topics/programs/acceptance-test-technician-certification-provider-program/acceptance-test>
- THE ACCEPTANCE TESTING PROCEDURES MUST BE REPEATED, AND DEFICIENCIES MUST BE CORRECTED BY THE BUILDER OR INSTALLING CONTRACTOR UNTIL THE CONSTRUCTION/INSTALLATION OF THE SPECIFIED SYSTEMS CONFORM AND PASS THE REQUIRED ACCEPTANCE CRITERIA.
- PROJECT INSPECTORS WILL COLLECT THE FORMS TO CONFIRM THAT THE REQUIRED ACCEPTANCE TESTS HAVE BEEN COMPLETED.
- ALL ROOFING MATERIALS SHALL BE CLASS "A" RATING.

DSA SUPPLEMENTARY CONDITIONS

- ALL WORK SHALL CONFORM WITH 2022 TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR) PARTS 1 TO 6 AND 9.
- A COPY OF CCR TITLE 24, PARTS 1 TO 6 SHALL BE KEPT ON SITE DURING CONSTRUCTION.
- IF ANY CONFLICTS OR INCONSISTENCIES EXIST BETWEEN THE SPECIFICATION AND THE DRAWINGS (INCLUDING THE GENERAL NOTES), MORE STRINGENT REQUIREMENTS SHALL TAKE PRECEDENCE.
- ALL ADDENDA MUST BE SIGNED BY ARCHITECT AND APPROVED BY DSA (SECTION 4-388, PART 1).
- ALL SUBSTITUTIONS AFFECTING DSA REGULATED ITEMS SHALL BE CONSIDERED AS A CONSTRUCTION CHANGE DOCUMENT (CCD) OR ADDENDA, AND SHALL BE APPROVED BY DSA PRIOR TO FABRICATION AND INSTALLATION (IR 4-A AND SECTION 4.388) PART 1. SUBSTITUTIONS SHALL BE FOR ANY MATERIAL, SYSTEM OR PRODUCT THAT WOULD OTHERWISE BE REGULATED BY DSA.
- THE CONSTRUCTION CHANGE DOCUMENTS MUST BE SIGNED BY ALL THE FOLLOWING:
 - A/E OF RECORD,
 - STRUCTURAL ENGINEER (WHEN APPLICABLE),
 - DELEGATED PROFESSIONAL ENGINEER (WHEN APPLICABLE),
 - DSA.
- THE PROJECT INSPECTOR AND TESTING LAB MUST BE MUST BE EMPLOYED BY THE OWNER AND APPROVED BY ALL OF THE FOLLOWING:
 - A/E OF RECORD,
 - STRUCTURAL ENGINEER (WHEN APPLICABLE),
 - DSA.
- FABRICATION AND INSTALLATION OF DEFERRED SUBMITTAL ITEMS SHALL NOT BE STARTED UNTIL CONTRACTORS DRAWINGS, SPECIFICATIONS, AND ENGINEERING CALCULATIONS FOR THE ACTUAL SYSTEMS TO BE INSTALLED HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER AND APPROVED BY THE DSA. LIST DEFERRED SUBMITTAL ITEMS FOR THIS PROJECT.
- A "DSA CERTIFIED" MINIMUM CLASS 3 PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR.
- 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 FINISHED WORK WILL NOT 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 4-371(C), PART 1, TITLE 24, CCR).
- GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
- A COPY OF THE APPROVED DRAWINGS, SPECIFICATIONS, ADDENDUMS AND CONSTRUCTION CHANGE DOCUMENTS SHALL BE KEPT ON SITE DURING CONSTRUCTION.
- THE CONTRACTOR SHALL MAINTAIN CONSTRUCTION SAFE GUARDS IN ACCORDANCE WITH CHAPTER 33, PART 2 TITLE 24, CCR AND CHAPTER 33, PART 9 TITLE 24, CCR (2022 CBC).
- THE CONTRACTOR SHALL PROVIDE CLEAN, SANITARY, TEMPORARY TOILET FACILITIES FOR THE CONSTRUCTION PERSONNEL, UNDER NO CIRCUMSTANCES SHALL CONSTRUCTION PERSONNEL BE ALLOWED TO UTILIZE THE PERMANENT SITE FACILITIES. ALL TEMPORARY FACILITIES SHALL BE REMOVED FROM THE SITE AT THE CONCLUSION OF CONSTRUCTION.
- WORK SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 33 OF CBC & CFC, "FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION".

SYMBOL LEGEND

NORTH ARROW

TICK INDICATES PLAN NORTH

ARROW INDICATES TRUE NORTH

ELEVATION CALLOUT
(TYPICAL FOR EXTERIOR)

LOCATION ON SHEET

SHEET WHERE ELEVATION IS DRAWN

ELEVATION CALLOUT

LOCATION ON SHEET

SHEET WHERE ELEVATION IS DRAWN

ELEVATION CALLOUT - ALT.
(TYPICAL FOR INTERIOR)

LOCATION & SHEET WHERE ELEVATION IS DRAWN

SECTION CALLOUT

INDICATES A SIMILAR CONDITION

LOCATION ON SHEET

SHEET WHERE SECTION IS DRAWN

DETAIL CALLOUT

INDICATES A SIMILAR CONDITION

LOCATION ON SHEET

SHEET WHERE SECTION IS DRAWN

CONTROL OR DATUM POINT

NAME OF ELEVATION (IF APPLICABLE)

ELEVATION ABOVE FINISHED FLOOR

GRID BUBBLE

EXISTING BUILDING GRID SYMBOL

GRID NUMBER

NEW BUILDING GRID SYMBOL

DOOR CALLOUT

DOOR NUMBER

INTERIOR FINISH CALLOUT

MATERIAL FINISH TYPE
(SEE FINISH SCHEDULE)

WINDOW CALLOUT

WINDOW NUMBER
(SEE WINDOW SCHEDULE)

WALL TYPE CALLOUT

WALL TYPE MARK - SEE A10.11

WALL STC RATING

WALL FIRE RATING TYPE

MATCHLINE REFERENCE

LOCATION ON SHEET

SHEET WHERE PLAN IS DRAWN

KEYNOTE

KEYNOTE NUMBER (SEE LEGEND ON SHEET)

ROOM EXITING INFORMATION

AREA (SQ FT)

OCCUPANT LOAD (AREA DIVIDED BY LOAD FACTOR)

OCCUPANT LOAD FACTOR (REFER TO TABLE 1004.1.1)

OCCUPANCY TYPE

NUMBER OF EXITS REQUIRED (REFER TO TABLE 1015.1)

WIC CASEWORK TAG

MANUFACTURER REFERENCE AND MODEL NUMBER

LOCK

CABINET DEPTH

CABINET HEIGHT

CABINET WIDTH

DISCIPLINE

G GENERAL

L LANDSCAPE

A ARCHITECTURE

I INTERIORS

Q EQUIPMENT

S STRUCTURAL

P PLUMBING

M MECHANICAL

E ELECTRICAL

PA FIRE ALARM

T TELECOM

AV A/V EQUIPMENT

K KITCHEN

FP FIRE PROTECTION

SHEET TYPE

0 CODE ANALYSIS, NOTES

1 SITE PLAN

2 FLOOR PLAN

3 CEILING PLAN

4 ROOF PLAN

5 EXTERIOR ELEVATIONS

6 SECTIONS

7 ENLARGED PLANS

8 INTERIOR ELEVATIONS

9 SCHEDULES

10 DETAILS

BUILDING LETTER, SEGMENT, (USER DEFINED)

USED ONLY IF REQUIRED

IF NOT COLUMN IS OMITTED

DISCIPLINE

DISCIPLINE

SHEET TYPE

SERIES / ORDER

USER DEFINED (IF APPLICABLE)

BUILDING LETTER, SEGMENT, (USER DEFINED)

USED ONLY IF REQUIRED

IF NOT COLUMN IS OMITTED

CODES

PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2023

2022 CALIFORNIA ADMINISTRATIVE CODE (CAC), TITLE 24 CCR (EFFECTIVE MARCH 5, 2022)

2022 CALIFORNIA BUILDING CODE (CBC), TITLE 24 CCR (2021 INTERNATIONAL BUILDING CODE OF THE INTERNATIONAL CODE COUNCIL, WITH CALIFORNIA AMENDMENTS)

2022 CALIFORNIA ELECTRICAL CODE (CEC), TITLE 24 CCR (2020 NATIONAL ELECTRICAL CODE OF THE NATIONAL FIRE PROTECTION ASSOCIATION, NFPA)

2022 CALIFORNIA MECHANICAL CODE (CMC), TITLE 24 CCR (2021 UNIFORM MECHANICAL CODE OF THE INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS, IAPMO)

2022 CALIFORNIA PLUMBING CODE (CPC), TITLE 24 CCR (2021 UNIFORM PLUMBING CODE OF THE INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS, IAPMO)

2022 CALIFORNIA ENERGY CODE, TITLE 24 CCR (2021 INTERNATIONAL FIRE CODE OF THE INTERNATIONAL CODE COUNCIL)

2022 CALIFORNIA EXISTING BUILDING CODE (CEBC), TITLE 24 CCR (2021 INTERNATIONAL EXISTING BUILDING CODE OF THE INTERNATIONAL CODE COUNCIL, WITH CALIFORNIA AMENDMENTS)

2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN CODE), TITLE 24 CCR

2022 CALIFORNIA REFERENCED STANDARDS CODE, TITLE 24 CCR

TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

PARTIAL LIST OF APPLICABLE STANDARDS

NFPA 13 - AUTOMATIC SPRINKLER SYSTEMS (CALIFORNIA AMENDED).....2022 EDITION

NFPA 14 - STANDPIPE SYSTEMS (CALIFORNIA AMENDED).....2019 EDITION

NFPA17 - DRY CHEMICAL EXTINGUISHING SYSTEMS.....2021 EDITION

NFPA17A - WET CHEMICAL EXTINGUISHING SYSTEMS.....2021 EDITION

NFPA 20 - STATIONARY PUMPS.....2022 EDITION

NFPA 22 - WATER TANKS.....2023 EDITION

NFPA 24 - PRIVATE FIRE SERVICE MAINS (CALIFORNIA AMENDED).....2022 EDITION

NFPA 72 - NATIONAL FIRE ALARM AND SIGNALING CODE (CA AMENDED).....2022 EDITION (NOTE: SEE UL STANDARD 1971 FOR "VISUAL DEVICES")

NFPA 80 - FIRE DOOR AND OTHER OPENING PROTECTIVES.....2022 EDITION

NFPA 253 - CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS.....2022 EDITION

NFPA 2001 - CLEAN AGENT FIRE EXTINGUISHING SYSTEMS(CALIFORNIA AMENDED).....2022 EDITION

UL 464 - AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS.....2003 EDITION INCLUDING ACCESSORIES

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)

FOR A COMPLETE LIST OF APPLICABLE NFPA STANDARDS REFER TO 2022 CBC (SFM) CHAPTER 35 AND 2022 CALIFORNIA FIRE CODE CHAPTER 80.

STATEMENT OF GENERAL CONFORMANCE

(X) THE DRAWINGS OR SHEETS LISTED ON THE INDEX SHEET WITH AN (*) ASTERISK
() 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 CERTIFY THAT:

ALL DRAWINGS OR SHEETS LISTED ON THE INDEX SHEET WITH AN (*) ASTERISK ARE IN GENERAL CONFORMANCE WITH THE PROJECT DESIGN INTENT, AND THEY HAVE BEEN COORDINATED WITH THE PROJECT PLANS AND SPECIFICATIONS.

SIGNATURE

ARCHITECT OR ENGINEER DESIGNATED TO BE IN GENERAL RESPONSIBLE CHARGE

VIRGINIA MARQUARDT

PRINT NAME

06/05/2024

DATE

C-33423

LICENSE NUMBER

06/30/2025

EXPIRATION DATE

VIRGINIA
ELIANE
MARQUARDT
No. C-33423
06/30/2025
STATE OF CALIFORNIA

PROJECT DESCRIPTION

PROJECT SCOPE AND GENERAL ALTERATIONS:

GENERAL ALTERATIONS TO:

- ROOF REPLACEMENT OF BUILDING 8A, AND REPLACEMENT OF 2 RTU HVAC UNITS CURBS.

PROJECT DATA

PROJECT ADDRESS:

900 VARSITY RD., ARVIN, CA 93203

SHEET INDEX

NUMBER NAME

GENERAL SHEET

G0.10 COVER SHEET

G0.11 PROJECT DATA SHEET

G1.11 CODE ANALYSIS AND CODE SITE PLAN

G1.12 FEMA FLOOD ZONE MAP

4

ARCHITECTURE

A4.70 BLDG 8A - ROOF PLAN - DEMO & REMODEL

A10.40 ROOF DETAILS

A10.41 ROOF DETAILS

3

STRUCTURAL*

S1.00 STRUCTURAL GENERAL NOTES

S1.01 DETAILS

S2.10 BLDG 8A ROOF FRAMING PLANS

3

Grand total: 10

SITE DATA

WIND DESIGN DATA [2022 CBC 1603A.1.41]

- ULTIMATE DESIGN WIND SPEED: V=101 MPH
- RISK CATEGORY: III
- WIND EXPOSURE CATEGORY: C
- INTERNAL PRESSURE COEFFICIENT: +/- 0.18
- ENCLOSURE CLASSIFICATION: OPEN

EARTHQUAKE DESIGN DATA [2022 CBC 1603A.1.51]

SITE COORDINATES: 35° 12' 58.932" N, 118° 50' 5.0352" W

- RISK CATEGORY: III
- SEISMIC IMPORTANCE CATEGORY: I=1.25
- MAPPED SPECTRAL RESPONSE ACCELERATION PARAMETERS
- Ss = 1.166 S1=0.418
- SITE CLASS: D
- DESIGN SPECTRAL RESPONSE ACCELERATION PARAMETERS
- SDS = 0.803 SD1= 0.524

GEOTECHNICAL INFORMATION [2022 CBC 1603A.1.61]

ALLOWABLE SOIL BEARING PRESSURE IN FLOOD CONDITION:
(BEARING CAPACITIES IN FLOOD)
CONTINUOUS FOOTING: 2400 PSF MAX
ISOLATED FOOTING: 2200 PSF MAX

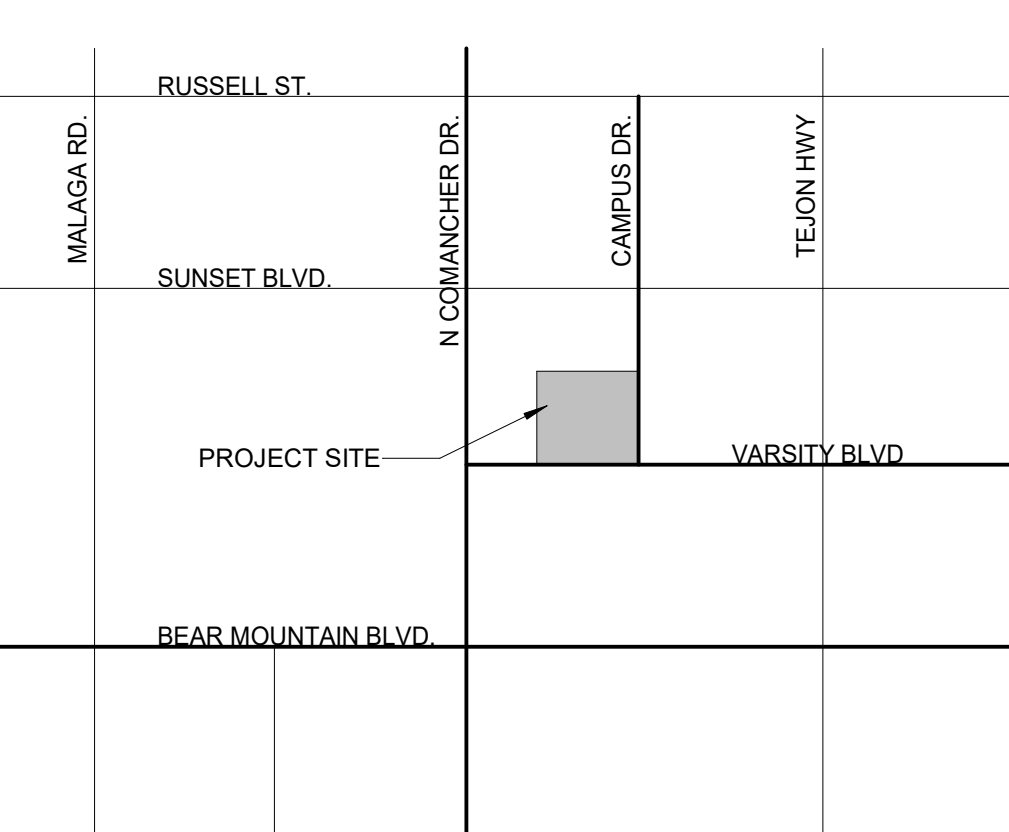
FLOOD DESIGN DATA [2022 CBC 1603A.1.71]

FLOOD ZONE = AO (DEPTH: 1FT, VEL: 2 FPS)

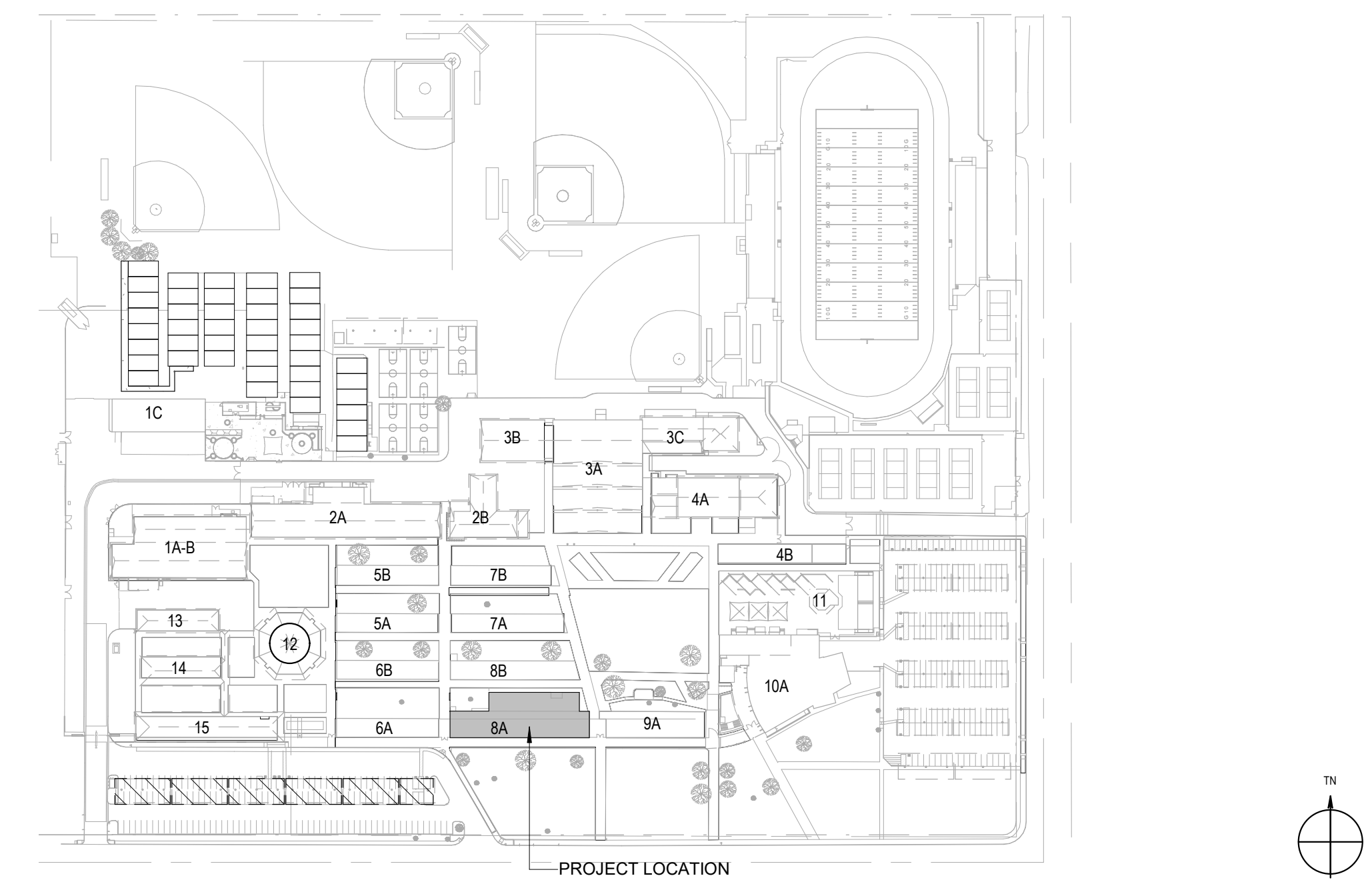
STATE MAP



VICINITY MAP



OVERALL SITE PLAN



FACILITY:

Arvin High School
900 Varsity Rd
Arvin, CA 93203

PROJECT:

KHSD Arvin High School ESSER III Phase 1 Roofing - Building 8A Project

SHEET NAME:

PROJECT DATA SHEET

DSA Submittal

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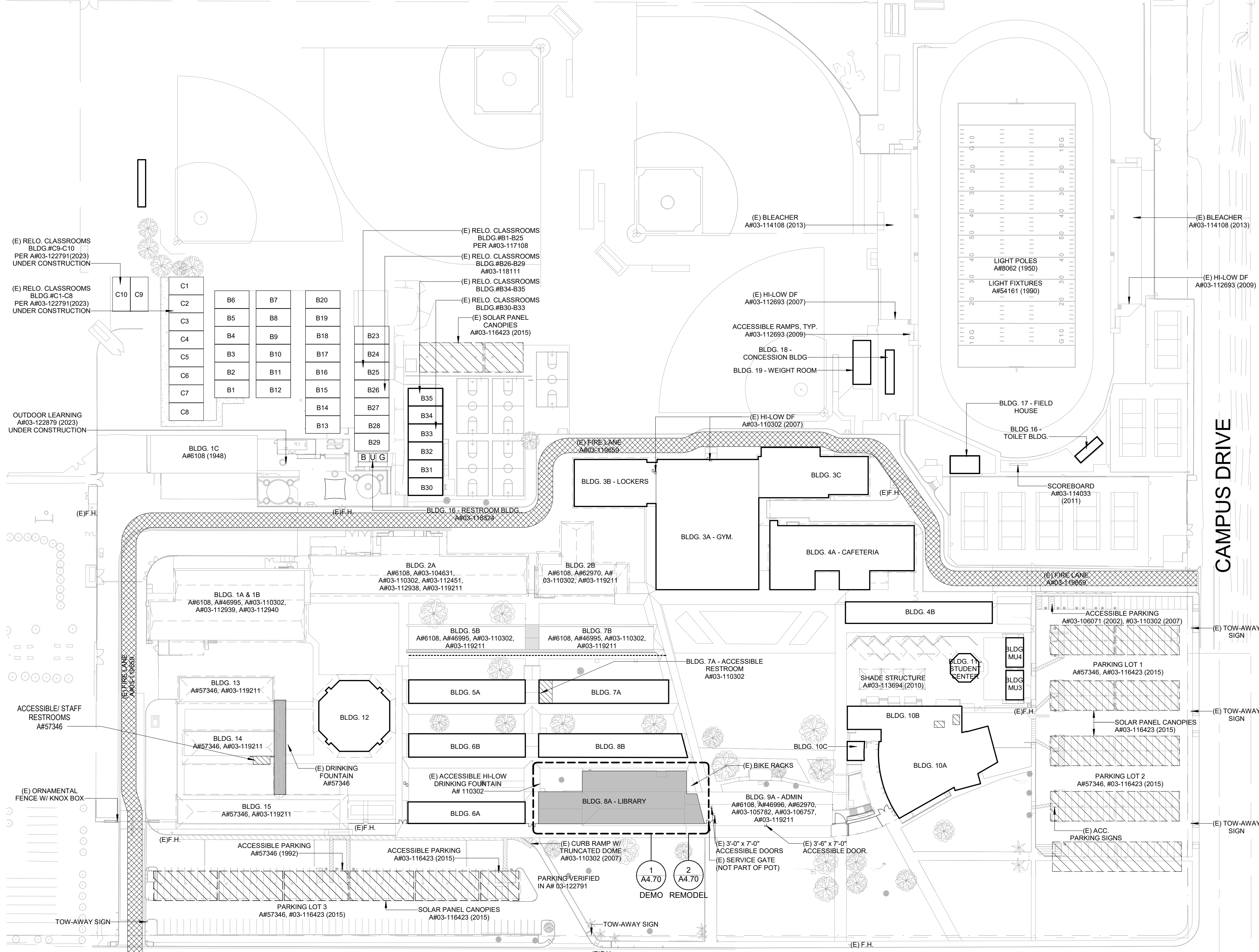
DATE: 2024.04.11

CLIENT PROJ NO: 3566002103

SHEET:

G0.11

BIM 360://356002000 Arvin HS ESSER III 05/02/2024-Arvin HS Roof Replacement_Building 8A.rvt
6/2/2024 10:15:40 AM



DSA APPL. NO.	CERTIFICATION STATUS	DATE
6108	CERTIFIED	12/18/1951
36463	CERTIFIED (ADDITION)	07/17/1974
03-109528	#1 CERTIFICATION (HVAC)	04/18/2011
03-110302	#1 CERTIFICATION (FIRE ALARM)	07/21/2010
03-119211	#1 CERTIFICATION (HVAC)	04/07/2020

BUILDING INFORMATION			
BUILDING TYPE	DSA#		CERTIFIED
BUILDING 1A & 1B	AR#108 (1948), AR#6995 (1986) MOD, #110302 (2007) MOD, AR#3-112939, AR#3-112940		Y
BUILDING 1C	AR#108 (1948)		Y
BUILDING 2A - TRADES CTE	AR#3-112938 (2010)		Y
BUILDING 2A - WELDING & MANUFACTURING CTE	AR#3-112451 (2009)		Y
BUILDING 2A	AR#108 (1948), AR#3-104631 (2001), AR#3-110302 (2007), AR#3-119211 (HVAC)		Y
BUILDING 2B	AR#108 (1948), AR#2970 (1995), AR#3-110302 (2007) MOD, AR#3-119211 (HVAC)		Y
BUILDING 3A - GYM	AR#108 (1948), AR#30670 (1986), AR#3-103500 (2000), AR#3-110302 (2007) MOD, AR#3-11413 (2008), AR#3-112863 (2010), AR#3-119211 (HVAC)		Y
BUILDING 3B - LOCKER	AR#108 (1948), AR#3-110302 (2007) MOD		Y
BUILDING 3C	AR#108 (1948), AR#7346 (1992), AR#3-110302 (2007) MOD, AR#3-119211 (HVAC)		Y
BUILDING 4A - CAFETERIA	AR#108 (1948), AR#7346 (1992), AR#3-109529 (2000), AR#3-110302 (2007) MOD, AR#3-119211 (HVAC)		Y
BUILDING 4B	AR#108 (1948), AR#2708 (1961), AR#6995 (1986) MOD, AR#110302 (2007) MOD		Y
BUILDING 5A	AR#108 (1948), AR#6995 (1986) MOD, #110302 (2007) MOD, AR#3-119211 (HVAC)		Y
BUILDING 5B	AR#108 (1948), AR#6995 (1986) MOD, #110302 (2007) MOD, AR#3-119211 (HVAC)		Y
BUILDING 6A	AR#108 (1948), AR#6995 (1986), AR#3-119211 (HVAC)		Y
BUILDING 6B	AR#108 (1948), AR#6995 (1986) MOD, AR#3-119211 (HVAC)		Y
BUILDING 7A	AR#108 (1948), AR#6995 (1986) MOD, #110302 (2007) MOD, AR#3-119211 (HVAC)		Y
BUILDING 7B	AR#108 (1948), AR#6995 (1986) MOD, #110302 (2007) MOD, AR#3-119211 (HVAC)		Y
BUILDING 8A - LIBRARY	AR#108 (1948), AR#3-109528 (2009), AR#3-110302 (2007) MOD, AR#3-119211 (HVAC)		Y
BUILDING 8B	AR#108 (1948), AR#6995 (1986) MOD, #110302 (2007) MOD, AR#3-119211 (HVAC)		Y
BUILDING 8A - ADMIN	AR#108 (1948), AR#6995 (1986) MOD, AR#2970 (1995), AR#3-105782 (2002), AR#3-106757 (2003), AR#3-119211 (HVAC)		Y
BUILDING 10A - PERFORMING ARTS	AR#13144 (1955), AR#2970 (1995)		Y
BUILDING 10B - PERFORMING ARTS	AR#13144 (1955), AR#2970 (1995), AR#3-110302 (2007) MOD		Y
BUILDING 10C - PERFORMING ARTS	AR#13144 (1955), AR#3-110302 (2007) MOD		Y
BUILDING 11 - STUDENT CENTER	AR#3203 (1989)		Y
BUILDING 12	AR#3208 (1968), AR#3-109531 (2009)		Y
BUILDING 13	AR#57346 (1992), AR#3-119211 (HVAC)		Y
BUILDING 14	AR#57346 (1992), AR#3-119211 (HVAC)		Y
BUILDING 15	AR#57346 (1992), AR#3-119211 (HVAC)		Y
BUILDING 16 - TOILET BUILDING	AR#3-112693 (2009)		Y
BUILDING 17 - FIELD HOUSE	AR#13144 (1955)		Y
BUILDING 18 - CONCESSION BUILDING	AR#3-106071 (2002)		Y
BUILDING 19 - WEIGHT ROOM BUILDING	NON-CONFORMING		N
RELOCATABLE CLASSROOMS - B1 TO B25	AR#3-117108 (2016)		Y
RELOCATABLE CLASSROOMS - B26 TO B29	AR#3-116111 (2017)		Y
RELOCATABLE CLASSROOMS - B30 TO B33	AR#3-119659 (2019)		Y
RELOCATABLE CLASSROOMS - B34 TO B35	AR#3-120759 (2020)		Y
BUILDING MJ3	AR#3-119194 (2018)		Y
BUILDING MJ4	AR#3-119194 (2018)		Y
RELOCATABLE CLASSROOMS - C1 TO C8	AR#3-122791 (2023) UNDER CONSTRUCTION		UNDER CONST.
OUTDOOR LEARNING AREA	AR#3-122879 (2023) UNDER CONSTRUCTION		UNDER CONST.

Area High Flow Water Gate 23-027
9/1/25
Wind level of Water Tank = 82' above
Fire Hydrant. Static Pressure = 82.4' x 1.46 = 95.45 PSI
Static Pressure = 35.65 PSI
Residual Pressure Desired = 20 PSI
Pressure = 15.65 PSI → h = 36'
Tank to Hydrant = 400' of 10" AC Water Line.
11000
 $V^2 = \frac{Q^2}{2.87 \times 0.011 \times 3600}$
 $V^2 = 134.77$
 $V = 11.61 \text{ ft/sec}$
 $A = \pi (0.42)^2 = 0.55 \text{ ft}^2$
 $Q = VA$
 $Q = 11.61 \text{ ft/sec} \times 0.55 \text{ ft}^2 = 6.38 \text{ CFS} \rightarrow 2.86 \text{ GPM}$
Through City of Arvin Connection for hydrant flow test
dated 10/26/21, Hydrant E, Flow @ 20 PSI = 356 GPM
Total Available at Hydrant =
286 GPM + 356 GPM through City of Arvin
Connection
Total = 642 GPM @ 20 PSI Residual

DSA 810
FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

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

School District Acceptance of Acceptable Design Alternates
By signing this form, the school district acknowledges and accepts the proposed design as an alternative to California Building Code (CBC) and California Fire Code (CFC) minimum requirements, as indicated by one or more of the conditions indicated at items 4a, 5a, 6a or 7a, for providing fire and life safety protection of life and property.
Accepted by: _____ Title: _____
Signature: _____ Date: _____
LOCAL FIRE AUTHORITY (LFA) INFORMATION
LFA Agency Name: N/A
LFA Review Official: _____
Title: _____ Work Phone: _____
Work Email: _____
LFA Reviewer's Signature: _____ Date: _____

ADSA 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 buildings(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:	KERN HIGH SCHOOL DISTRICT		
Project Name/School:	ARVIN HIGH SCHOOL		
Project Address:	900 VARSITY RD., ARVIN, CA 93203		

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 checked="" type="checkbox"/>	No <input 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://apps.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"/>		

- ### FIRE AND ACCESS NOTES:
- WHEN FIRE APPARATUS ACCESS ROADS OR A WATER SUPPLY FOR FIRE PROTECTION IS REQUIRED TO BE INSTALLED, SUCH PROTECTION SHALL BE INSTALLED AND MAINTAINED PRIOR TO AND DURING THE TIME OF CONSTRUCTION EXCEPT WHEN APPROVED ALTERNATE METHODS OF PROTECTION ARE PROVIDED. CFC 501.4
 - FIRE APPARATUS ACCESS ROADS SHALL BE PROVIDED FOR EVERY FACILITY, BUILDING OR PORTION OF A BUILDING HEREFTER CONSTRUCTED OR MOVED INTO OR WITHIN THE JURISDICTION WHEN ANY PORTION OF THE FACILITY OR ANY PORTION OF AN EXTERIOR WALL OF THE FIRST STORY OF THE BUILDING IS LOCATED MORE THAN 150'-0" FROM FIRE APPARATUS AS MEASURED BY AN APPROVED ROUTE AROUND THE EXTERIOR OF THE BUILDING OR FACILITY. CFC 503.1.1
 - REQUIRED ACCESS ROADS FROM EVERY BUILDING TO A PUBLIC STREET SHALL BE ALL-WEATHER HARD-SURFACED (SUITABLE FOR USE BY FIRE APPARATUS) RIGHT-OF-WAY NOT LESS THAN 20 FEET IN WIDTH. SUCH RIGHT-OF-WAY SHALL BE UNOBSTRUCTED AND MAINTAINED ONLY AS ACCESS TO THE PUBLIC STREET. CFC 503.2 (A)
 - FIRE APPARATUS ACCESS ROADS SHALL HAVE AN UNOBSTRUCTED WIDTH OF NOT LESS THAN 20 FEET EXCLUSIVE OF SHOULDERS, EXCEPT FOR APPROVED SECURITY GATES IN ACCORDANCE WITH SECTION 503.6, AND AN UNOBSTRUCTED VERTICAL CLEARANCE OF NOT LESS THAN 13 FEET 6 INCHES. CFC 503.2.1
 - FIRE APPARATUS ACCESS ROADS SHALL BE DESIGNED AND MAINTAINED TO SUPPORT THE IMPOSED LOADS OF FIRE APPARATUS AND SHALL BE SURFACED SO AS TO PROVIDE ALL-WEATHER DRIVING CAPABILITIES. CFC 503.2.3
 - FIRE APPARATUS ACCESS ROADS SHALL BE INSTALLED TO COMPLY WITH THE REQUIREMENTS OF ASTM F2200, CFC 503.6
 - DEAD-END FIRE APPARATUS ACCESS ROADS IN EXCESS OF 150 FEET IN LENGTH SHALL BE PROVIDED WITH AN APPROVED AREA FOR TURNING AROUND FIRE APPARATUS. CFC 503.2.5
 - "NO PARKING—FIRE LANE" SIGNS SHALL BE PROVIDED FOR FIRE APPARATUS ACCESS ROADS TO IDENTIFY SUCH ROADS. CFC 503.3
 - THE INSTALLATION OF SECURITY GATES ACROSS FIRE APPARATUS ACCESS ROAD SHALL BE APPROVED BY THE FIRE CHIEF. WHERE SECURITY GATES ARE INSTALLED, THEY SHALL HAVE AN APPROVED MEANS OF EMERGENCY OPERATION. THE SECURITY GATES AND THE EMERGENCY OPERATION SHALL BE MAINTAINED OPERATIONAL AT ALL TIMES. ELECTRIC GATE OPERATORS, WHERE PROVIDED, SHALL BE LISTED IN ACCORDANCE WITH UL 325. GATES INTENDED FOR AUTOMATIC OPERATION SHALL BE DESIGNED, CONSTRUCTED AND INSTALLED TO COMPLY WITH THE REQUIREMENTS OF ASTM F2200, CFC 503.6
 - NEW AND EXISTING BUILDINGS SHALL BE PROVIDED WITH APPROVED ADDRESS IDENTIFICATION. THE ADDRESS IDENTIFICATION SHALL BE LEGIBLE AND PLACED IN A POSITION THAT IS VISIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. ADDRESS IDENTIFICATION CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND. ADDRESS NUMBERS SHALL BE ARABIC NUMBERS OR ALPHABETICAL LETTERS. NUMBERS SHALL NOT BE SPELLED OUT. EACH CHARACTER SHALL BE NOT LESS THAN 4 INCHES HIGH WITH A MINIMUM STROKE WIDTH OF 1/2 INCH. WHERE REQUIRED BY THE FIRE CODE OFFICIAL, ADDRESS IDENTIFICATION SHALL BE PROVIDED IN ADDITIONAL APPROVED LOCATIONS TO FACILITATE EMERGENCY RESPONSE. WHERE ACCESS IS BY MEANS OF A PRIVATE ROAD AND THE BUILDING CANNOT BE VIEWED FROM THE PUBLIC WAY, A MONUMENT, POLE OR OTHER SIGN OR MEANS SHALL BE USED TO IDENTIFY THE STRUCTURE. ADDRESS IDENTIFICATION SHALL BE MAINTAINED. CFC 506.1
 - WHEN ACCESS TO OR WITHIN A STRUCTURE OR AN AREA IS RESTRICTED BECAUSE OF SECURED OPENING OR WHERE IMMEDIATE ACCESS IS NECESSARY FOR LIFE-SAVING OR FIRE-FIGHTING PURPOSES, THE FIRE CODE OFFICIAL IS AUTHORIZED TO REQUIRE A KEY BOX TO BE INSTALLED IN AN APPROVED LOCATION. THE KEY BOX SHALL BE OF AN APPROVED TYPE LISTED IN ACCORDANCE WITH UL 1037, AND SHALL CONTAIN KEYS TO GAIN NECESSARY ACCESS AS REQUIRED BY THE FIRE CODE OFFICIAL. CFC 506.1
 - WHERE ACCESS TO OR WITHIN A STRUCTURE OR AN AREA IS RESTRICTED BECAUSE OF SECURED OPENINGS OR WHERE IMMEDIATE ACCESS IS NECESSARY FOR LIFE-SAVING OR FIRE-FIGHTING PURPOSES, THE FIRE CODE OFFICIAL IS AUTHORIZED TO REQUIRE A KEY BOX TO BE INSTALLED IN AN APPROVED LOCATION. THE KEY BOX SHALL BE OF AN APPROVED TYPE LISTED IN ACCORDANCE WITH UL 1037, AND SHALL CONTAIN KEYS TO GAIN NECESSARY ACCESS AS REQUIRED BY THE FIRE CODE OFFICIAL. CFC 506.1
 - THE OPERATOR OF THE BUILDING SHALL IMMEDIATELY NOTIFY THE FIRE CODE OFFICIAL AND PROVIDE THE NEW KEY WHERE A LOCK IS CHANGED OR REKEYED. THE KEY TO SUCH LOCK SHALL BE SECURED IN THE KEY BOX. CFC 506.2
 - AN APPROVED WATER SUPPLY CAPABLE OF SUPPLYING THE REQUIRED FIRE FLOW FOR FIRE PROTECTION SHALL BE PROVIDED TO PREMISES UPON WHICH FACILITIES, BUILDINGS OR PORTIONS OF BUILDINGS ARE HEREFTER CONSTRUCTED OR MOVED INTO OR WITHIN THE JURISDICTION. CFC 507.1
 - FIRE FLOW, FIRE FLOW REQUIREMENTS FOR BUILDINGS OR PORTIONS OF BUILDINGS AND FACILITIES SHALL BE DETERMINED BY AN APPROVED METHOD OR APPENDIX B OR B8. CFC 507.3
 - THE FIRE CODE OFFICIAL SHALL BE NOTIFIED PRIOR TO THE WATER SUPPLY TEST. WATER SUPPLY TESTS SHALL BE WITNESSED BY THE FIRE CODE OFFICIAL OR APPROVED DOCUMENTATION OF THE TEST SHALL BE PROVIDED TO THE FIRE CODE OFFICIAL PRIOR TO FINAL APPROVAL OF THE WATER SUPPLY SYSTEM. CFC 507.4
 - WHERE A PORTION OF THE FACILITY OR BUILDING HEREFTER CONSTRUCTED OR MOVED INTO OR WITHIN THE JURISDICTION IS MORE THAN 400 FEET FROM HYDRANT ON A FIRE APPARATUS ACCESS ROAD, AS MEASURED BY AN APPROVED ROUTE AROUND THE EXTERIOR OF THE FACILITY OR BUILDING, ON-SITE FIRE HYDRANTS AND MAINS SHALL BE PROVIDED WHERE REQUIRED BY THE FIRE CODE OFFICIAL. CFC 507.5.1
 - BUILDINGS EQUIPPED WITH A STANDPIPE SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 905 SHALL HAVE A FIRE HYDRANT WITHIN 100 FEET OF THE FIRE DEPARTMENT CONNECTIONS. CFC 507.5.1.1
 - A 3-FOOT CLEAR SPACE SHALL BE MAINTAINED AROUND THE CIRCUMFERENCE OF FIRE HYDRANTS, EXCEPT AS OTHERWISE REQUIRED OR APPROVED. CFC 507.5.5
 - WHERE FIRE HYDRANTS ARE SUBJECT TO IMPACT BY A MOTOR VEHICLE, GUARD POSTS OR OTHER APPROVED MEANS SHALL COMPLY WITH SECTION 312. CFC 507.5.6

BUILDING DATA:

ALLOWABLE AREA AND HEIGHT:	C.B.C. 2022 TABLE 504.3 AND 504.4 AND 506.2
CONSTRUCTION TYPE V-A	
MAX BUILDING HEIGHT:	50'
MAX NUMBER OF STORIES:	1
MAX. BLDG. AREA (NS) FLOOR:	18,500 S.F.
BUILDING 8A	
CONSTRUCTION TYPE:	V-A
OCCUPANCY:	E
SPRINKLERED:	NS
S.F.	13,217 S.F. (BOTH) - 1 STORY
(NO CHANGE TO OCCUPANCY OR S.F.)	

PARKING JUSTIFICATION:

PARKING LOT	TOTAL STALLS	ACCESSIBLE STD. SPACES (REQ'D)	VAN ACCESSIBLE SPACES (REQ'D)	TOTAL ACCESSIBLE SPACES (PROVIDED)
1	99	3	1	3 (STD. ACC.) / 1 (VAN ACC.)
2	57	3	1	4 (STD. ACC.) / 1 (VAN ACC.)
3	163	5	1	4 (STD. ACC.) / 2 (VAN ACC.)

LEGEND - CODE SITE PLAN

- EXISTING FIRE LANE (AR#3-119659)
- EXISTING BUILDING (N.I.C.)
- EXISTING FIRE HYDRANT
- SCOPE OF WORK

FACILITY:
Arvin High School
900 Varsity Rd
Arvin, CA 93203

PROJECT:
KHSD Arvin High School ESSER III Phase 1 Roofing - Building 8A Project

SHEET NAME:
CODE ANALYSIS AND CODE SITE PLAN

DSA Submittal

FILE NO.: 15-H3 A NO.: 03-124252

DATE: 2024.04.11 CLIENT PROJ NO.: 3566002103

SHEET:

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-124252 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☐
DATE: 06/18/2024



HMC Architects
3566-002-103
3546 CONCOURS STREET
ONTARIO, CA 91764
909 989 9979 / www.hmcarchitects.com

ISSUE
DESCRIPTION DATE



G1.11

PLEASE RECYCLE

[illegible][illegible]

OMB No. 1560-0029
Expiration Date: November 30, 2022

FOR INSURANCE COMPANY USE

Policy Number _____

Company Name _____

FEDERAL EMERGENCY MANAGEMENT AGENCY

ELEVATION CERTIFICATE

OMB No. 1560-0029
Expiration Date: November 30, 2022

Copy all pages of this Elevation Certificate and all attachments for 1) community officials, 2) insurance agent(s), 3) insurance company(ies), and 4) building owner(s).

SECTION A - PROPERTY INFORMATION	FOR INSURANCE COMPANY USE
A1. Building Owner Name Kern High School District	Policy Number _____
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 800 Valley Road	Company NAIC Number _____
City Arvin	State California
ZIP Code 93203	
A3. Property Description (List all Parcel Numbers, Tax Parcel Number, Legal Description, etc.) APN: 1910-010-02	
A4. Building Use (e.g., Residential, Non-Residential, Agricultural, Assembly, etc.) _____ School Purpose Classifications _____	
A5. Latitude/longitude: Lat: 35.232222287N Long: 119.137500000W	Historical Data: _____ NAHD 1902 _____ NAHD 1983 _____
A6. Attach at least a photograph of the building for the Certificate to serve as a basis for flood insurance.	
A7. Building Drought Number: 1A _____	
A8. For a building with a combined (or enclosures):	
a) Square footage of combined (or enclosures) within: _____ N/A sq ft	
b) Number of permanent flood openings in the combined (or enclosures) within: 1.0 foot above adjacent grade. N/A	
c) Total net area of flood openings in A8 b) _____ N/A sq ft	
d) Engineered flood coverage? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
A9. For a building with an attached garage: _____ N/A sq ft	
a) Square footage of attached garage: _____ N/A sq ft	
b) Number of permanent flood openings in the attached garage within: 1.0 foot above adjacent grade. N/A	
c) Total net area of flood openings in A8 b) _____ N/A sq ft	
d) Engineered flood coverage: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. AEFIP Community Name & Community Number _____ B2. County Name _____ B3. State _____

City of Arvin, 000003

B4. Map/FIRM Panel No. _____ B5. Suffix _____ B6. FIRM panel _____ B7. FIRM Panel Revision Date _____ B8. Flood Zone(s) _____ B9. Base Flood Elevation(s) _____

00003C 2775 ☒ 09-20-2008 ☐ 09-20-2008 ☐ Revised Date ☐ 09-20-2008 ☐ Flood Zone(s) ☐ 1 Zone AD, use Base Flood Depth

B10. Indicate the source of data for the Base Flood Elevation (BFE) of this area of flood depth determined in item B9: _____

☐ 1a. Profile _____ ☐ 1b. Profile _____ ☐ 1c. Profile _____ ☐ 1d. Profile _____ ☐ 1e. Profile _____ ☐ 1f. Profile _____ ☐ 1g. Profile _____ ☐ 1h. Profile _____ ☐ 1i. Profile _____ ☐ 1j. Profile _____ ☐ 1k. Profile _____ ☐ 1l. Profile _____ ☐ 1m. Profile _____ ☐ 1n. Profile _____ ☐ 1o. Profile _____ ☐ 1p. Profile _____ ☐ 1q. Profile _____ ☐ 1r. Profile _____ ☐ 1s. Profile _____ ☐ 1t. Profile _____ ☐ 1u. Profile _____ ☐ 1v. Profile _____ ☐ 1w. Profile _____ ☐ 1x. Profile _____ ☐ 1y. Profile _____ ☐ 1z. Profile _____

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or an Antecedent Flood Area (CFA)? ☐ Yes ☒ No

Designation Date: _____ CBRS: ☐ CFA: ☐

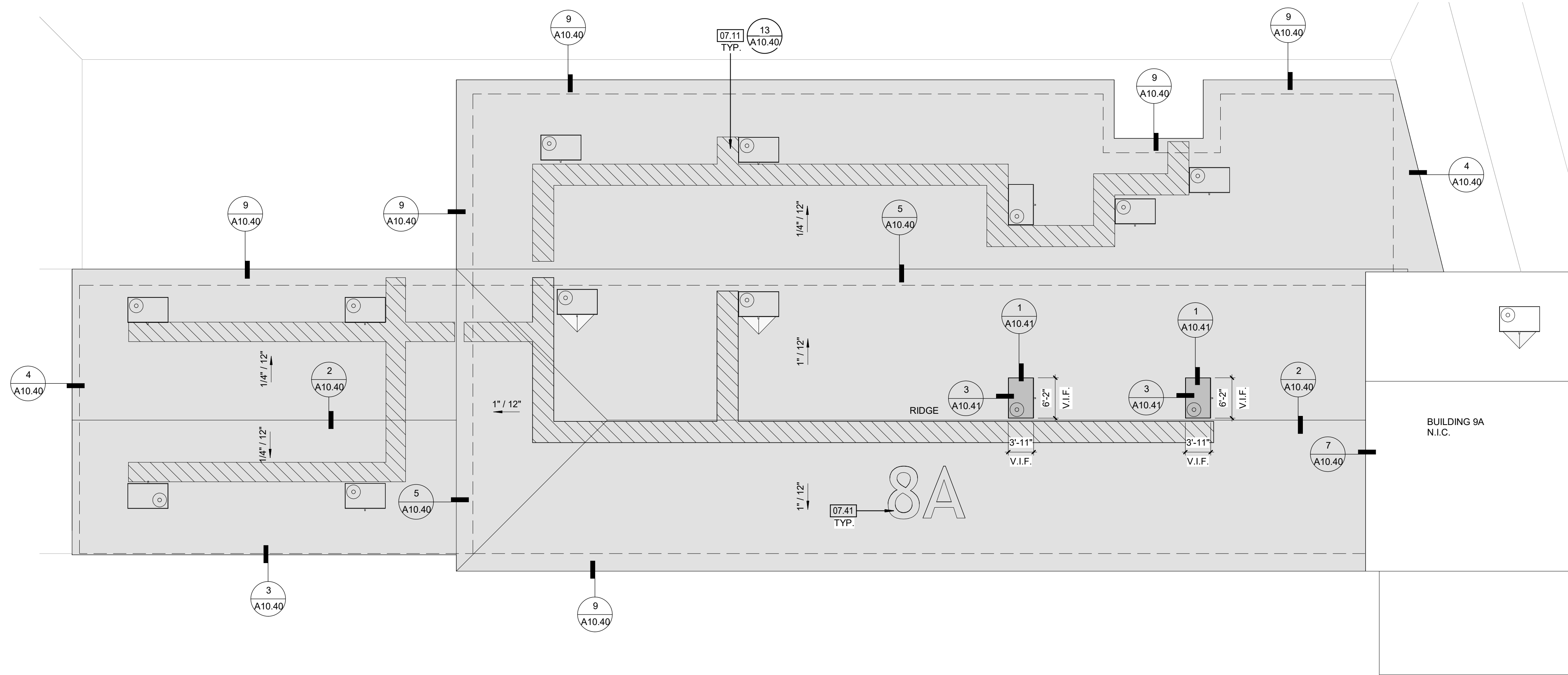
Form 050-0-03 (1/2018)

Replaces all previous editions

FACILITY:
Arvin High School
900 Varsity Rd
Arvin, CA 93203
PROJECT:
KHSD Arvin High School ESSER III Phase 1 Roofing - Building 8A Project
SHEET NAME:
FEMA FLOOD ZONE MAP
FILE NO.: 15-H3
A NO.: 03-124252
DATE: 2024.04.11
CLIENT PROJ NO: 3566002103
SHEET:

BIM 360://3566002000 Arvin HS ESSER III 3566002000-A KHSD Arvin HS Roof Replacement_Building 8A.rvt
6/2/2024 10:15:12 AM

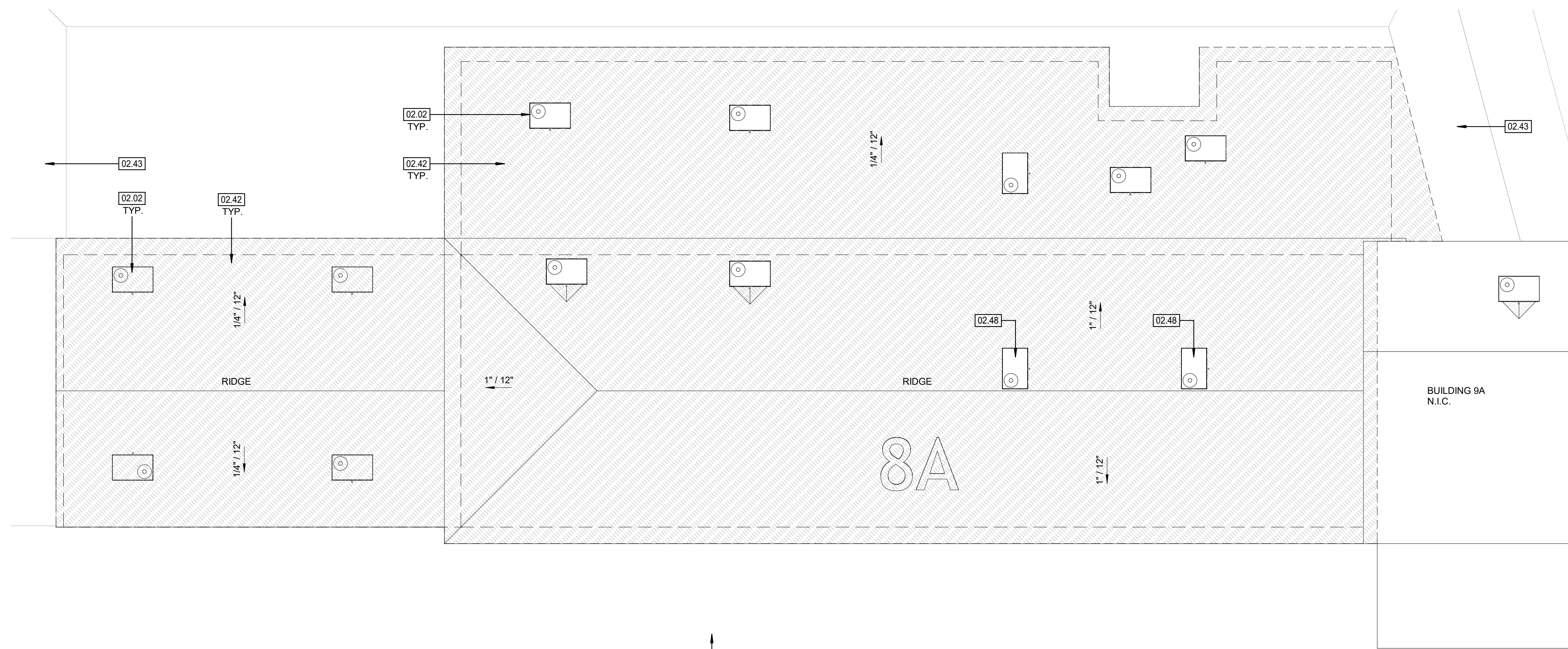
THE LINE SHOWN ABOVE LIES
EXACTLY ON THE CENTER OF THE
SHEET ORANGE PAGE SIZE



BLDG 8A - ROOF PLAN - REMODEL

2

3/32" = 1'-0"



BLDG 8A - ROOF PLAN - DEMO

1

3/32" = 1'-0"

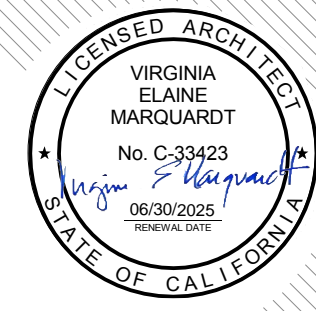
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HMC Architects

3566-002-103

3546 CONCOURS STREET
ONTARIO, CA 91764
909 989 9979 / www.hmcarchitects.com



ISSUE

DESCRIPTION	DATE
-------------	------

KEYNOTES

- 02.02 (E) HVAC UNIT AND CURB TO REMAIN. PROTECT IN PLACE. REPLACE CURB ROOF MEMBRANE FLASHING PER DETAILS 1/A10.41 AND 3/A10.41
- 02.42 PROTECT ALL EXISTING UTILITIES DURING ROOF DEMOLITION AND RE-ROOFING. CONTRACTOR TO WALK THE JOB PRIOR TO BID.
- 02.43 (E) COVERED WALKWAY TO REMAIN. PROTECT IN PLACE.
- 02.48 (E) ROOF TOP UNIT (NO DSA RECORD) TO REMAIN. PROTECT IN PLACE DURING CONSTRUCT A NEW MECH PLATFORM & CURB. SEE DETAILS 1/A10.41, 3/A10.41, 1/S1.01 & 2/S1.01
- 07.11 ROOF WALKWAY PADS, REFER TO SPEC. SECTION 07 54 19.30
- 07.41 ROOF GRAPHIC MEMBRANE.

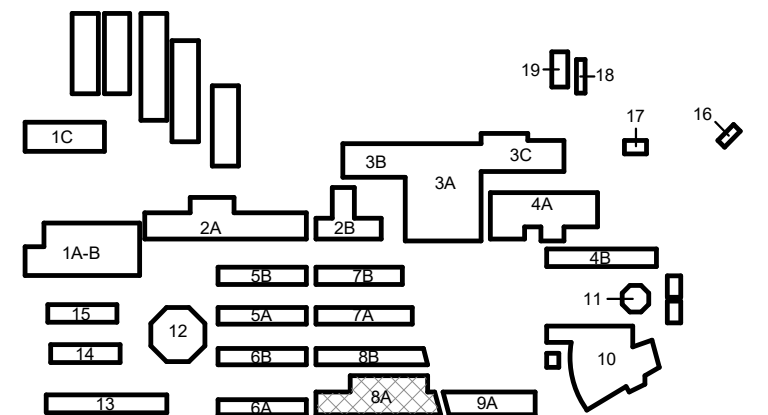
NOTES

1. ALL ROOFING MATERIAL INCLUDING MEMBRANE, FLASHING, EDGES, GUTTERS, MECHANICAL EQUIPMENT CURBS FLASHING, EXHAUST FANS, SKYLIGHTS AND ALL PIPE / CONDUIT PENETRATIONS TO BE INSTALLED PER MANUFACTURER REQUIREMENTS. SEE SHEET A10.40 & A10.41 TYPICAL ROOFING DETAILS.
2. NO WORK, INCLUDING DEMOLITION, SHALL BEGIN UNTIL PLANS AND SPECIFICATIONS HAVE BEEN APPROVED BY DSA.
3. (E) UTILITIES ON THE ROOF TO BE PROTECTED DURING DEMOLITION AND INSTALLATION OF ROOFING MEMBRANE CONTRACTOR TO WALK THE JOB PRIOR TO BID.
4. THE CONTRACTOR NEEDS TO VERIFY A MINIMUM **8-INCH** HEIGHT CLEARANCE FOR HVAC UNITS, EXHAUST FANS, VENTS, PIPE PENETRATIONS, ETC., FOLLOWING THE INSTALLATION OF THE NEW RIGID INSULATION.
5. THE CONTRACTOR SHALL ENSURE A MINIMUM **4-INCH** FLASHING CONDITION IN ACCORDANCE WITH THE ROOFING MANUFACTURER'S REQUIREMENTS.
6. THE CONTRACTOR NEED TO NOTIFY ARCHITECT OF THEIR FINDINGS PRIOR TO STARTING WORK.

LEGEND - ENLARGED ROOF PLANS

- EXISTING BUILT-UP ROOFING MATERIAL TO BE REMOVED. EXISTING SHEATHING TO REMAIN. SHEATHING TO BE INSPECTED FOR DRY ROT, TERMITE, AND MOISTURE DAMAGE. NOTIFY ARCHITECT IF DAMAGE IS FOUND. EXTENTS AND ANY REPAIR OF ROOF SHEATHING SHALL BE PERFORMED BY A CONSTRUCTION CHANGE DOCUMENT (CCD), APPROVED BY DSA. PREP ROOF SHEATHING FOR NEW PVC ROOF MEMBRANE ASSEMBLY.
- NEW SINGLE PLY PVC ROOFING CLASS-A, SEE DETAIL 1 ON SHEET A10.40 FOR ROOF ASSEMBLY
- EXISTING BUILT-UP ROOFING TO REMAIN

KEY PLAN:



FACILITY:

Arvin High School
900 Varsity Rd
Arvin, CA 93203

PROJECT:

KHSD Arvin High School ESSER III Phase 1 Roofing - Building 8A Project

SHEET NAME:

BLDG 8A - ROOF PLAN - DEMO & REMODEL

DSA Submittal

FILE NO.: 15-H3 A NO.: 03-124252

DATE: 2024.04.11 CLIENT PROJ NO: 3566002103

SHEET:

A4.70

PLEASE RECYCLE

THE LINE SHOWN ABOVE IS
STANDARD FOR THE
EXHIBIT MATERIALS LIST

BIM 360/3566002000 Arvin HS ESSER III 3566002000-A-KHSD Arvin HS Roof Replacement_Building 8A.rvt
6/5/2024, 10:15:13 AM

			<p>GUTTER, TYP. 10 3" = 1'-0"</p>	

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-124252 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☐
DATE: 06/18/2024

KERN HIGH SCHOOL DISTRICT
Tradition of Excellence
Est. 1903

HMC Architects
3566-002-103
3546 CONCOURS STREET
ONTARIO, CA 91764
909 989 9979 | www.hmcarchitects.com

ISSUE

DESCRIPTION	DATE

KEYNOTES

NOTES
1. ALL ROOFING MATERIAL INCLUDING MEMBRANE, FLASHING, EDGES, GUTTERS, MECHANICAL EQUIPMENT CURBS FLASHING, EXHAUST FANS, SLOUGHTS AND ALL PIPE / CONDUIT PENETRATIONS TO BE INSTALLED PER MANUFACTURER REQUIREMENTS. SEE SHEET A10.40 & A10.41 TYPICAL ROOFING DETAILS.
2. NO WORK, INCLUDING DEMOLITION, SHALL BEGIN UNTIL PLANS AND SPECIFICATIONS HAVE BEEN APPROVED BY DSA.
3. (E) UTILITIES ON THE ROOF TO BE PROTECTED DURING DEMOLITION AND INSTALLATION OF ROOFING MEMBRANE. CONTRACTOR TO WALK THE JOB PRIOR TO BID.
4. THE CONTRACTOR NEEDS TO VERIFY A MINIMUM **8-INCH** HEIGHT CLEARANCE FOR HVAC UNITS, EXHAUST FANS, VENTS, PIPE PENETRATIONS, ETC., FOLLOWING THE INSTALLATION OF THE NEW RIGID INSULATION.
5. THE CONTRACTOR SHALL ENSURE A MINIMUM **4-INCH** FLASHING CONDITION IN ACCORDANCE WITH THE ROOFING MANUFACTURER'S REQUIREMENTS.
6. THE CONTRACTOR NEED TO NOTIFY ARCHITECT OF THEIR FINDINGS PRIOR TO STARTING WORK.
7. THE CONTRACTOR SHALL MAINTAIN EXISTING **1 HR FIRE RATED** CONDITIONS PER TYPE VA REQUIREMENT DURING CONSTRUCTION.
8. ALL SINGLE-PLY ROOFING SHALL BE **CLASS A**.

FACILITY:
Arvin High School
900 Varsity Rd
Arvin, CA 93203

PROJECT:
KHSD Arvin High School ESSER III Phase 1 Roofing - Building 8A Project

SHEET NAME:
ROOF DETAILS

DSA Submittal

FILE NO.: 15-13
DATE: 2024.04.11

A NO.: 03-124252
CLIENT PROJ NO: 3566002103

SHEET:

PLEASE RECYCLE

A10.40



STRUCTURAL GENERAL NOTES

GENERAL NOTES:

- VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE.
- COORDINATE STRUCTURAL DETAILS & DIMENSIONS WITH RELATED REQUIREMENTS ON OTHER DRAWINGS.
- THE ARCHITECT WILL INTERPRET THE INTENT OF THE DOCUMENTS IN CASE OF POSSIBLE CONFLICT OR DISCREPANCY BETWEEN STRUCTURAL AND OTHER DISCIPLINES.
- SHEETS AND DETAILS NOTED AS "TYPICAL" OR "TYP." APPLY IN ALL CASES WHETHER OR NOT SPECIFICALLY REFERENCED.
- WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF CALIFORNIA BUILDING CODE, 2022 EDITION.
- THE DEPTH, EXTENT, AND LOCATION OF ALL FLOOR DEPRESSIONS, ELEVATED AREAS, OR OTHER IRREGULARITIES SHALL BE COORDINATED WITH ARCHITECTURAL OR APPLICABLE DRAWINGS. THE STRUCTURAL DRAWINGS DO NOT NECESSARILY INDICATE ALL OF THESE ITEMS. INDICATE ALL OF THESE ITEMS.
- STRUCTURAL PLANS INDICATE ONLY THE APPROXIMATE LOCATION OF MECHANICAL, ELECTRICAL AND OTHER EQUIPMENT AS WELL AS RELATED AUXILIARY FRAMING, ISOLATOR NECESSARY TO SUPPORT SUCH GEAR. THE FINAL POSITIONING OF THESE ITEMS IS DEPENDENT UPON THE EQUIPMENT SELECTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WORK BETWEEN SUBCONTRACTORS AND CRAFTS IN THIS REGARD, AND PROVIDING NECESSARY DIMENSIONS IN A TIMELY MANNER TO ALL PARTIES AND DETAILERS INVOLVED.

EXISTING CONSTRUCTION / CONDITIONS:

- SHORING: THE CONTRACTOR SHALL PROVIDE SHORING WHEREVER NECESSARY TO ALLOW INSTALLATION OF THE WORK. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE DESIGN, INSTALLATION AND MAINTENANCE OF ALL SHORING AND TEMPORARY WORK REQUIRED THROUGHOUT THE PROGRESS OF THE WORK.
- EXISTING CONSTRUCTION: EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS WAS OBTAINED FROM LIMITED VISUAL OBSERVATIONS AND AS-BUILTS. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND SHALL NOTIFY THE ARCHITECT OF RECORD OF ALL EXCEPTIONS AND RECEIVE DIRECTION PRIOR TO PROCEEDING WITH THE WORK IN QUESTION.
- DEMOLITION: THE REMOVAL, CUTTING, DRILLING, ETC. OF EXISTING WORK SHALL BE PERFORMED WITH GREAT CARE AND WITH APPROPRIATE TOOLS IN ORDER TO NOT JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE BUILDING. SEE ARCHITECTURAL DRAWINGS FOR REQUIRED DEMOLITION.

STRUCTURAL AND MISCELLANEOUS STEEL

- DETAIL, FABRICATE AND ERECT STRUCTURAL STEEL IN ACCORDANCE WITH THE AISC MANUAL OF STEEL CONSTRUCTION, LATEST EDITION.
- STEEL SURFACES TO BE WELDED, HIGH-STRENGTH BOLTED, ENGAGED IN CONCRETE OR TO RECEIVE FIRE PROOFING SHALL BE BARE, UNPAINTED.
- STEEL AND OTHER FERROUS METAL EXPOSED TO WEATHER SHALL BE HOT-DIPPEED GALVANIZED AFTER FABRICATION.
- WELDING:
 - WELDING ELECTRODES SHALL BE E70XX PER A55.
 - ALL WELDING PROCEDURE SPECIFICATIONS, WELDERS AND WELDING OPERATORS SHALL BE FULLY QUALIFIED PER AWS D1.1.
 - LENGTH OF WELDS SHOWN ARE EFFECTIVE LENGTH AS SPECIFIED IN AISC SPECIFICATIONS. WHERE LENGTHS ARE NOT SHOWN, IT SHALL BE FULL LENGTH OF THE JOINT. ALL BUTT WELDS SHALL BE FULL PENETRATION WELDS UNLESS OTHERWISE NOTED.
 - MINIMUM SIZE OF FILLET WELDS WHEN NOT SPECIFIED ON THE WELD SYMBOL SHALL BE AS SHOWN ON TABLE J2.4 OF AISC SPECIFICATION 14TH EDITION WITH 1/4" WELD AS A MINIMUM.
 - SEAL WELDS SHALL BE 3/16" UNLESS OTHERWISE NOTED.
 - WELD PROCEDURE FOR ALL CONNECTIONS SHALL ENSURE THAT WELDING FILLER METAL HAVE A NOTCH TOUGHNESS OF NOT LESS THAN 20 FT-LBS AT 0° F AS MEASURED BY STANDARD CHARPY V-NOTCH (CVN) TEST, ASTM E 23 IN ACCORDANCE WITH APPLICABLE FILLER METAL SPECIFICATION REFERENCED IN AWS D1.1.
 - ALL FRAMING MEMBERS FOR SHOP ASSEMBLIES SHALL BE CONNECTED BY EITHER FILLET OR FULL PENETRATION WELDS TO DEVELOP THE CAPACITY OF THE WEAKER MEMBERS.

ROUGH CARPENTRY:

- ALL FRAMING LUMBER SHALL BE STRUCTURAL GRADE MARKED DOUGLAS FIR-LARCH IN ACCORDANCE WITH CBC 2303 AS FOLLOWS, UNLESS OTHERWISE INDICATED:
BEAMS, POSTS, HEADERS.....NO.1
JOIST AND RAFTERS.....NO.1
STUDS.....NO.1
ALL OTHER FRAMING.....CONSTRUCTION GRADE
CONSTRUCTION GRADE MOISTURE CONTENT SHALL NOT EXCEED 19 PERCENT AT TIME OF INSTALLATION.
- STRUCTURAL PLYWOOD SHEATHING SHALL CONFORM TO PS-19, STRUCTURAL 1, EXPOSURE 1.
- ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED WOOD OR TREATED WITH AN APPROVED PRESERVATIVE. MEMBERS SHALL BE STAMPED BY THE PRESERVATIVE ACCREDITATION AGENCY AND APPROVED BY THE LAUSD O&H DEPT.
- ALL NAILS SHALL BE COMMON NAILS. CONNECTIONS SHALL BE PER THE NAILING SCHEDULE IN CBC TABLE 2304.4.1 EXCEPT WHERE NOTED OR DETAILED OTHERWISE. MINIMUM EDGE DISTANCE OF NAIL TO LUMBER OR PLYWOOD EDGE IS 3/8". PREDRILL FOR NAILS PER NATIONAL DESIGN SPECIFICATIONS (NDS) SECTION 12.1.3 TO PREVENT SPLITS.
- USE OF MACHINE NAILING IS SUBJECT TO A SATISFACTORY JOBSITE DEMONSTRATION FOR EACH PROJECT AND THE APPROVAL BY THE PROJECT ARCHITECT OR STRUCTURAL ENGINEER AND THE DIVISION OF THE STATE ARCHITECT. THE APPROVAL IS SUBJECT TO CONTINUED SATISFACTORY PERFORMANCE. MACHINE NAILING WILL NOT BE APPROVED IN 5/16" PLYWOOD. IF NAIL HEADS PENETRATE THE OUTER PLY MORE THAN WOULD BE NORMAL FOR A HAND HAMMER OR IF MINIMUM ALLOWABLE EDGE DISTANCES ARE NOT MAINTAINED THE PERFORMANCE WILL BE DEEMED UNSATISFACTORY AND MACHINE NAILING SHALL BE DISCONTINUED.
- METAL CONNECTORS INDICATED ON PLANS BY SIMPSON CO. OR APPROVED EQUAL SHALL BE OF THE TYPE INDICATED TO FIT THE LUMBER. SIZES SPECIFIED ON THE DRAWINGS. EQUIVALENT CONNECTORS MAY BE SUBSTITUTED WITH APPROVAL FROM THE STRUCTURAL ENGINEER. ALL CONNECTORS SHALL HAVE ICC APPROVAL.
- NO STRUCTURAL MEMBER SHALL BE CUT FOR PIPES, DUCTS, ETC. EXCEPT AS DETAILED ON THE STRUCTURAL DRAWINGS.
- SOLID BLOCKING SHALL BE PLACED BETWEEN ALL JOISTS AND RAFTERS AT ALL POINTS OF SUPPORT.
- BOLT HOLES SHALL BE DRILLED 1/32" GREATER THAN BOLT DIAMETER. BOLTS SHALL HAVE STANDARD CUT WASHERS UNDER NUT AND HEAD. BOLTS SHALL BE RE-TIGHTENED PRIOR TO COVERING STRUCTURE.

MATERIAL REQUIREMENTS:

MISC. & STRUCTURAL STEEL: ASTM A36
BOLTS: ASTM A307

GALVANIZED ALL STEEL & WELDING EXPOSED TO WEATHERING
SEE SPECIFICATIONS FOR OTHER REQUIREMENTS.

DESIGN CRITERIA:

- DESIGN LIVE LOAD:
ROOF = 20 PSF (REDUCIBLE PER CODE)
- LATERAL LOADS
 - WIND:
BASIC WIND SPEED = 101 MPH
EXPOSURE TYPE: C
RISK CATEGORY III
 - SEISMIC:
RISK CATEGORY III

SITE CLASS: D $S_{DS} = 0.803g$
 $S_{D1} = 1.164g$ $S_{D2} = 0.924g$
 $S_1 = 0.418g$ SEISMIC DESIGN CATEGORY "D"
SEISMIC IMPORTANCE FACTOR: $I_E = 1.25$
BASE SEISMIC FORCE-RESISTING SYSTEMS: (E) BRICK SHEAR WALLS
DESIGN BASE SHEAR: N/A
- GEOTECHNICAL CRITERIA:
 - DESIGN OF FOUNDATION IS BASED ON THE CRITERIA PER CBC CODE MINIMUM
 - ALLOWABLE SOIL BEARING PRESSURE:
DEAD + LIVE: 1,500 PSF
DEAD + WIND OR SEISMIC: 2,000 PSF
 - PASSIVE PRESSURE: 100 PCF

NOTE: STRUCTURAL DRAWING AND SPECIFICATIONS DO NOT INCLUDE NECESSARY COMPONENTS OR PROCEDURES FOR CONSTRUCTION SAFETY.

NAILING SCHEDULE

CONNECTION	FASTENERS	LOCATION
1. JOIST TO SILL OR GIRDER	(3) 8d	TORNAL
2. BRIDGING TO JOIST	(2) 8d	TORNAL EACH END
3. TWO SUBFLOOR OR LESS TO EACH JOIST	(2) 8d	FACE NAIL
4. MORE THAN TWO SUBFLOOR TO EACH JOIST	(3) 8d	FACE NAIL
5. 2' SUBFLOOR TO JOIST OR GIRDER	(2) 16d	BLIND AND FACE NAIL
6. SOLE PLATE TO JOIST OR BLOCKING	16d AT 16" O.C.	TYPICAL FACE NAIL
SOLE PLATE TO JOIST OR BLOCKING AT BRACED WALL PANEL	3" 16d AT 16" O.C.	BRACED WALL PANELS
7. TOP PLATE TO STUD	(2) 16d	END NAIL
8. STUD TO SOLE PLATE	(4) 8d	TORNAL
	(2) 20d @ 8d SILL	END NAIL
9. DOUBLE STUD	16d AT 24" O.C. U.O.N.	FACE NAIL
10. DOUBLE TOP PLATE	16d AT 16" O.C.	TYPICAL FACE NAIL
DOUBLE TOP PLATES	(3) 16d U.O.N.	LAP SPlice
11. BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE	(3) 8d	TORNAL
12. RM JOIST TO TOP PLATE	8d AT 8" O.C.	TORNAL
13. TOP PLATES, LAPS AND INTERSECTIONS	(2) 16d	FACE NAIL
14. CONTINUOUS HEADER, TWO PEGS	16d	16" O.C. ALONG EDGE
15. CEILING JOISTS TO PLATE	(3) 8d	TORNAL
16. CONTINUOUS HEADER TO STUD	(4) 8d	TORNAL
17. CEILING JOISTS, LAPS OVER PUNCTIONS	(3) 16d	FACE NAIL
18. CEILING JOISTS TO PARALLEL RAFTERS	(3) 16d	FACE NAIL
19. RAFTER TO PLATE	(3) 8d	TORNAL
20. ROOF RAFTER TO 2-BY RIDGE BEAM	(2) 16d	TORNAL
	(2) 16d	FACE NAIL
21. JOIST TO BAND JOIST	(3) 16d	FACE NAIL
22. LEDGER STRIP	(3) 16d	FACE NAIL
23. WOOD STRUCTURAL PANELS AND PARTICLEBOARD: SUBFLOOR, ROOF AND WALL SHEATHING (TO FRAMING)	2" AND LESS: 8d" 2 1/2" TO 3": 8d" OR 8" 3" TO 5": 8d" OR 8" 5" TO 7": 8d" OR 8" 7" TO 10": 8d" OR 8" 10" OR LESS: 8d" 8": 8d"	FACE NAIL AT TOP AND BOTTOM STAGGERED ON opposite sides Face nail at ends and at 600" SPACES
24. PANEL SINGS (TO FRAMING)	2" OR LESS: 8d" 2": 8d"	
25. INTERIOR PANELING	4d"	
26. BUILT-UP CORNER STUDS	16d COMMON (3) 2"x10" NAILS 3"x10" NAILS	24" O.C. 16" O.C.
27. BUILT-UP GIRDER AND BEAMS	3"x10" NAILS AT 24" O.C. (3) 3"x10" NAILS	Face nail at top and bottom staggered on opposite sides Face nail at ends and at 600" SPACES

STRUCTURAL GRAPHIC LEGEND & SHEET INDEX

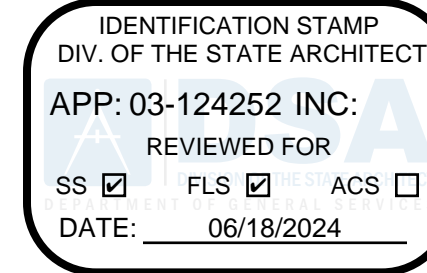
MATERIALS	SYMBOLS
CONCRETE	NUMBER REF DETAIL OR SECTION SHEET REF.
EARTH	FINISH ELEVATION
CONTINUOUS WOOD MEMBER	BOTTOM OF FOOTING ELEVATION
WOOD BLOCKING	NUMBER REF WALL ELEVATION SHEET REF.
(E) INDICATES EXISTING CONSTRUCTION. (N) INDICATES NEW CONSTRUCTION.	FOOTING STEP TOP OF STEEL ELEVATION

ABBREVIATIONS

ARCH'L.	ARCHITECTURAL	NS	NEAR SIDE
BLK'S.	BLOCKING	O.C.	ON CENTER
CONT.	CONTINUOUS	O.H.	OPPOSITE HAND
DIM.	DIMENSION	OPN'G.	OPENING
DWG.	DRAWING	SHT'G.	SHEATHING
EA.	EACH	SHM.	SHIMLAR
FIN.	FINISH	SYMM.	SYMMETRY
FLR.	FLOOR	TYP.	TYPICAL
FS	FAR SIDE	N.P.	WORKING POINT
GA.	GAGE	UN.O.	UNLESS NOTED OTHERWISE
MAX.	MAXIMUM		
MECH'L.	MECHANICAL		
MIN.	MINIMUM		

STRUCTURAL SHEET INDEX

S1.00	STRUCTURAL GENERAL NOTES
S1.01	DETAILS
S2.10	BLDG. 8A ROOF FRAMING PLAN



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ISSUE

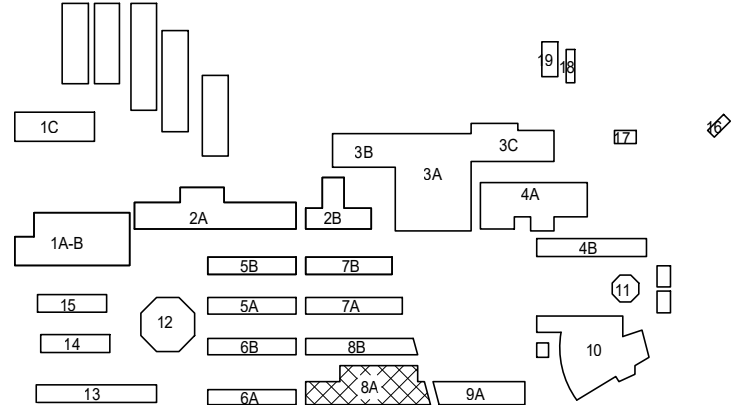
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KEYNOTES



NOTES

KEY PLAN:



FACILITY:

Arvin High School
900 Varsity Rd
Arvin, CA 93203

PROJECT:

KHSD Arvin High School ESSER III Phase 1 Roofing - Building 8A Project

SHEET NAME:

BLDG 8A - ROOF PLAN - DEMO & REMODEL

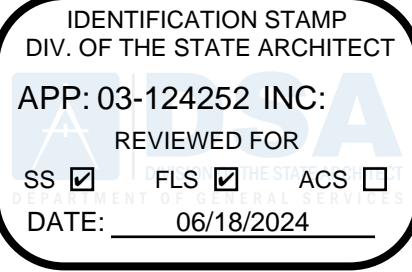
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DATE: 2024.04.11	CLIENT PROJ NO: 3566002103
SHEET:	

S1.00

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5/17/2024 2:11 PM - J110000 - 1648816273 - STRUCT - 162731501.DWG

				NOTE: 1. IF (E) 4x BLKG. EXISTS WHERE (N) BLKG. NOTED ON PLAN, (E) BLKG. MAY BE UTILIZED INSTEAD.
13	9	5		
14	10	6	2	TYP. EQUIPMENT PLATFORM FRAMING PLAN 3/4"x1'-0"
15	11	7	3	TYP. UNIT ANCHORAGE W/ WOOD PLATFORM 1"x1'-0"
16	12	8	4	BLKG. TO (E) TRUSS CONNECTION 3"x1'-0"



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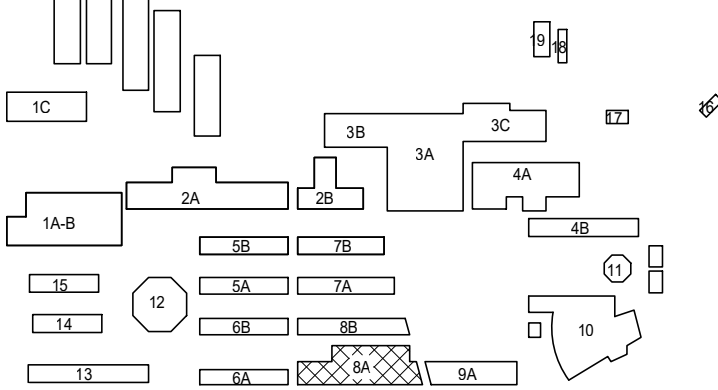
ISSUE	
DESCRIPTION	DATE

KEYNOTES



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DSA Submittal

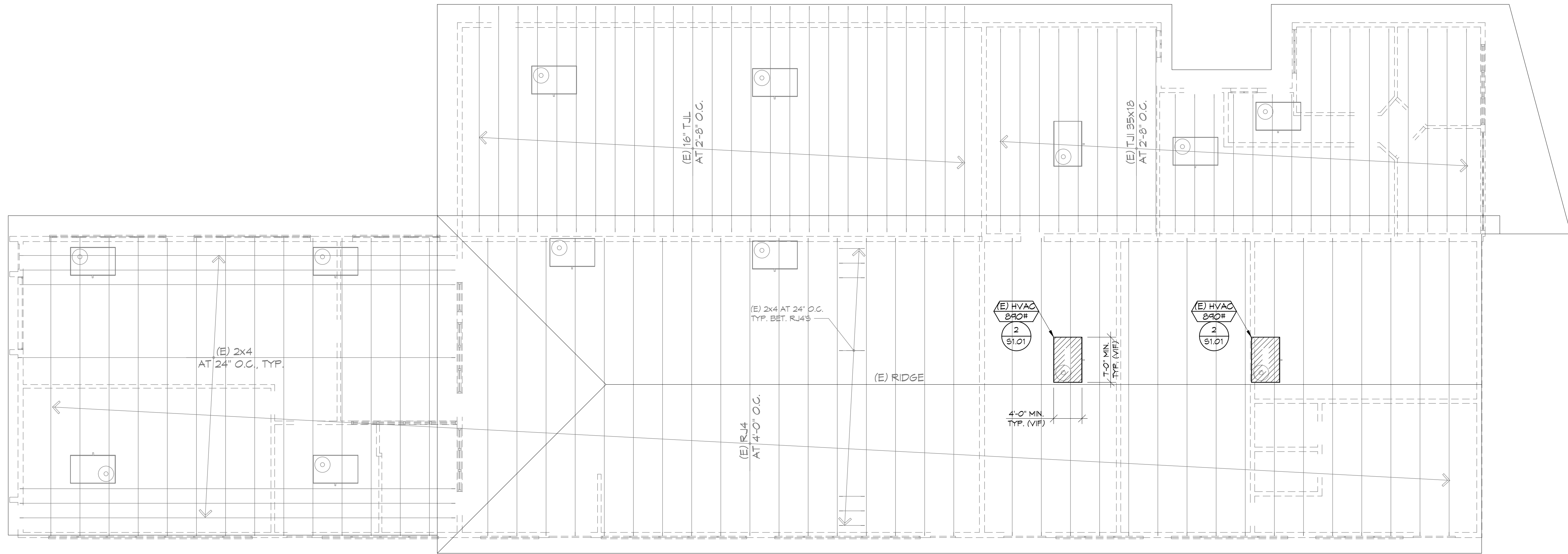
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DATE: 2024.04.11	CLIENT PROJ NO: 3566002103

SHEET:

S1.01

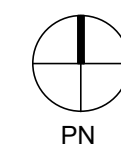
FILE NAME: BLDG 8A ROOF FRAMING PLAN
DATE: 06/18/2024
SHEET: 14 OF 15

NOTE:
EQUIPMENT WEIGHT INCLUDES WEIGHT OF
PRE-MANUFACTURED CURB BELOW



REFERENCE:
DSA APPROVED DRAWINGS
OF A11R211 SHEET 52.9

REFERENCE:
DSA APPROVED DRAWINGS
OF A6103 SHEET 5-13



14 BLDG 8A ROOF FRAMING PLAN

1/8"=1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-124252 INC:
REVIEWED FOR
SS ☒ FLS ☒ ACS ☐
DATE: 06/18/2024



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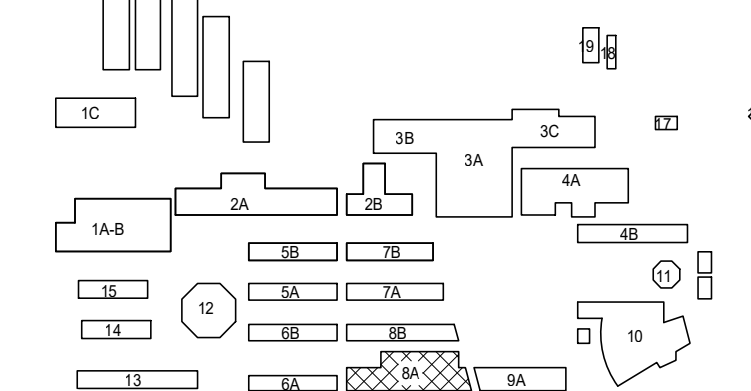
ISSUE	
DESCRIPTION	DATE

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FILE NO.: 15-H3	A NO.: 03-124252
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HOHBACH-LEWIN # 10273.1

PLEASE RECYCLE

S2.10