

# LIBERTY HIGH SCHOOL

660 W Walnut St, Lodi, CA 65240

## FIRE ALARM REPLACEMENT PROJECT

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
APP. 02-118023 INC.
REVIEWED FOR
APPL. # 02-118023
DATE: 02/27/2020
REVIEWED FOR
SS _____ FLS _____ ACS _____
DATE: _____



CODE INFORMATION	FIRE ALARM SCOPE OF WORK	PROJECT TEAM	DRAWING INDEX																																																												
<p>THE INTENT OF THE CONSTRUCTION DOCUMENTS IS REPLACE EQUIPMENT IN ACCORDANCE WITH THE CBC 2016. SHOULD ANY CONDITION DEVELOP NOT COVERED BY THE CONSTRUCTION DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH THE CBC 2016, A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK.</p> <p>ANCHORAGE AND SUPPORTS OF ALL EQUIPMENT TO BE INSTALLED, AS A PART OF THIS PROJECT SHALL BE DETAILED ON CONSTRUCTION DOCUMENTS, EXCEPT THOSE EXEMPT BY 2016 CBC SECTION 1616A.1.18. EQUIPMENT SUPPORTS AND ANCHORAGE SHALL BE APPROVED BY THE APPROPRIATE DESIGN PROFESSIONAL OF RECORD AND DSA AS A PART OF FIELD REVIEWS/OBSERVATIONS. THE INSPECTOR OF RECORD (IOR) SHALL ASSURE THAT THE ABOVE REQUIREMENTS ARE ENFORCED.</p> <p>ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE REGULATIONS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:</p> <p>2016 CALIFORNIA ADMINISTRATIVE CODE (CAC) PART 1, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)</p> <p>2016 CALIFORNIA BUILDING CODE (CBC) PART 2, TITLE 24, CCR BASED ON THE 2015 INTERNATIONAL BUILDING CODE (IBC)</p> <p>2016 CALIFORNIA ELECTRICAL CODE (CEC) PART 3, TITLE 24, CCR BASED ON THE 2014 NATIONAL ELECTRICAL CODE (NEC)</p> <p>2016 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24, CCR BASED ON THE 2015 UNIFORM MECHANICAL CODE (UMC)</p> <p>2016 CALIFORNIA PLUMBING CODE (CPC) PART 5, TITLE 24, CCR BASED ON THE 2015 UNIFORM PLUMBING CODE (UPC)</p> <p>2016 CALIFORNIA FIRE CODE (CFC) PART 9, TITLE 24, CCR BASED ON THE 2015 INTERNATIONAL FIRE CODE (IFC)</p> <p>2016 NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE</p> <p>COMPLIANCE WITH 2016 CALIFORNIA FIRE CODE, CHAPTER 33 - FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION.</p>	<p>PROVIDE A MANUALLY AND AUTOMATICALLY ACTIVATED FIRE ALARM SYSTEM INCLUDING FACP, VOICE AMPLIFIERS, POWER SUPPLIES, ANNOUNCING MICROPHONE, INITIATION, NOTIFICATION, CONTROL AND MONITORING DEVICES AS SHOWN ON PLANS AND SPECIFICATIONS.</p> <hr/> <p style="text-align: center;"><b>FIRE ALARM DESCRIPTION</b></p> <p>THIS PROJECT IS TO REPLACE THE EXISTING FIRE ALARM PANELS, INITIATING DEVICES, NOTIFICATION DEVICES, MODULES, POWER SUPPLIES AND REMOTE ANNUNCIATOR PANEL WITH A NEW GAMEWELL E3 FIRE ALARM SYSTEM WITH EMERGENCY VOICE EVACUATION.</p> <p>ALL EXISTING PATHWAY WILL BE RE-USED WHERE POSSIBLE AND NEW WHERE REQUIRED. NEW PATHWAY WILL BE PROVIDED IN AREAS WHERE CABLE CAN NOT BE CONCEALED ABOVE CEILING.</p> <p>CABLE ABOVE CEILING WHEN NOT IN EXISTING CONDUIT WILL BE FREE AIR AND SUPPORTED EVERY 48" WITH J-HOOKS, PAINTED RED.</p> <p>NEW DEVICE BOXES WILL BE REQUIRED AT ALL NEW DEVICES. WHERE EXISTING DEVICE BOXES ARE LOCATED AND A DEVICE IS NOT REQUIRED, THEN PROVIDE COVER PLATES. REMOVE EXISTING DEVICE BOXES WHEN ADDING A NEW DEVICE.</p> <p>DEMOLISH ALL OLD CABLE, FIRE ALARM COMPONENTS AND BACK BOXES FROM SITE.</p> <p>ALL CABLE AND COMPONENTS WILL BE NEW.</p> <p>THIS PROJECT IS TO REPLACE EXISTING FIRE ALARM HEAD END UNIT AND ALL ASSOCIATED DEVICES.</p> <p>FIRE ALARM SYSTEM: CLASS B IDC: CLASS B SLC CIRCUIT: CLASS B NOTIFICATION CIRCUIT: CLASS B</p>	<p><b>OWNER</b></p> <p>LODI UNIFIED SCHOOL DISTRICT 1305 E. VINE ST. LODI, CA 95240</p> <p>CONTACT: LEONARD KAHN (209)331-7225 E-MAIL CONTACT: VBRUM@LODIUSD.NET</p> <p><b>ELECTRICAL ENGINEER:</b></p> <p>THE ENGINEERING ENTERPRISE 1125 HIGH ST. AUBURN, CA 95603</p> <p>CONTACT: SCOTT WHEELER: 530-305-927-5784 FAX: 530-886-8557 EMAIL: SCOTT@ENGENT.COM</p> <p>CONTACT: JESSE WHEELER: 530-927-5630 FAX: 530-886-8557 EMAIL: JESSE.WHEELER@ENGENT.COM</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>SHEET NO.</th> <th>SHEET NAME</th> <th>SCHEMATIC DESIGN</th> <th>DESIGN DEVELOPMENT</th> <th>DSA SUBMISSION</th> </tr> </thead> <tbody> <tr><td>G0.00</td><td>COVER SHEET</td><td></td><td></td><td></td></tr> <tr><td>E0.00</td><td>SYMBOLS, LEGENDS, NOTES &amp; ABBREVIATIONS</td><td></td><td></td><td></td></tr> <tr><td>E0.01</td><td>FIRE ALARM MATRIX, SCHEDULE &amp; NOTES</td><td></td><td></td><td></td></tr> <tr><td>E1.00</td><td>SITE PLAN</td><td></td><td></td><td></td></tr> <tr><td>E2.00</td><td>FIRE ALARM PLAN - LEVEL B1</td><td></td><td></td><td></td></tr> <tr><td>E2.01</td><td>FIRE ALARM PLAN - LEVEL 01</td><td></td><td></td><td></td></tr> <tr><td>E3.00</td><td>FIRE ALARM RISER</td><td></td><td></td><td></td></tr> <tr><td>E4.00</td><td>FIRE ALARM CALCULATIONS</td><td></td><td></td><td></td></tr> <tr><td>ED1.00</td><td>FIRE ALARM DEMO PLAN - SITE PLAN</td><td></td><td></td><td></td></tr> <tr><td>ED1.01</td><td>FIRE ALARM DEMO PLAN - LEVEL B1</td><td></td><td></td><td></td></tr> <tr><td>ED1.02</td><td>FIRE ALARM DEMO PLAN - LEVEL 01</td><td></td><td></td><td></td></tr> </tbody> </table>	SHEET NO.	SHEET NAME	SCHEMATIC DESIGN	DESIGN DEVELOPMENT	DSA SUBMISSION	G0.00	COVER SHEET				E0.00	SYMBOLS, LEGENDS, NOTES & ABBREVIATIONS				E0.01	FIRE ALARM MATRIX, SCHEDULE & NOTES				E1.00	SITE PLAN				E2.00	FIRE ALARM PLAN - LEVEL B1				E2.01	FIRE ALARM PLAN - LEVEL 01				E3.00	FIRE ALARM RISER				E4.00	FIRE ALARM CALCULATIONS				ED1.00	FIRE ALARM DEMO PLAN - SITE PLAN				ED1.01	FIRE ALARM DEMO PLAN - LEVEL B1				ED1.02	FIRE ALARM DEMO PLAN - LEVEL 01			
SHEET NO.	SHEET NAME	SCHEMATIC DESIGN	DESIGN DEVELOPMENT	DSA SUBMISSION																																																											
G0.00	COVER SHEET																																																														
E0.00	SYMBOLS, LEGENDS, NOTES & ABBREVIATIONS																																																														
E0.01	FIRE ALARM MATRIX, SCHEDULE & NOTES																																																														
E1.00	SITE PLAN																																																														
E2.00	FIRE ALARM PLAN - LEVEL B1																																																														
E2.01	FIRE ALARM PLAN - LEVEL 01																																																														
E3.00	FIRE ALARM RISER																																																														
E4.00	FIRE ALARM CALCULATIONS																																																														
ED1.00	FIRE ALARM DEMO PLAN - SITE PLAN																																																														
ED1.01	FIRE ALARM DEMO PLAN - LEVEL B1																																																														
ED1.02	FIRE ALARM DEMO PLAN - LEVEL 01																																																														
<b>DSA ANCHORAGE AND BRACING NOTES</b>	<b>DEFERRED APPROVALS</b>	<b>NOTES</b>	<b>EXISTING BUILDING DATA</b>																																																												
	N/A	<ol style="list-style-type: none"> <li>THE FIRE ALARM SYSTEM SHALL CONFORM TO 2016 CALIFORNIA ELECTRICAL CODE (CEC) ARTICLE 760 AND 2016 CALIFORNIA FIRE CODE (CFC) SECTION 907.</li> <li>PROVIDE CALIFORNIA STATE FIRE MARSHAL LISTING NUMBERS FOR EACH COMPONENT OF THE SYSTEM INCLUDING MANUFACTURER CUT SHEETS FOR REVIEW.</li> <li>BEFORE REQUESTING FINAL APPROVAL OF THE INSTALLATION THE INSTALLING CONTRACTOR SHALL FURNISH A WRITTEN STATEMENT TO THE DSA PROJECT INSPECTOR TO THE EFFECT THAT THE SYSTEM HAS BEEN INSTALLED AND TESTED IN ACCORDANCE WITH THE (2016) NFPA 72 SECTION 14.4.1.</li> <li>UPON COMPLETION OF THE INSTALLATION OF THE FIRE ALARM SYSTEM, A SATISFACTORY TEST OF THE SYSTEM SHALL BE MADE IN THE PRESENCE OF THE DSA PROJECT INSPECTOR.</li> <li>PROVIDE A RECORD OF COMPLETION PER CBC 907.7.2.</li> <li>AUTOMATIC FIRE ALARM SYSTEMS SHALL TRANSMIT THE ALARM, SUPERVISORY AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION AS REQUIRED BY NFPA 72 AND CBC 907.6.5.2. THE SUPERVISING STATION SHALL BE LISTED AS EITHER UUFX OR UUIS BY UL OR SHALL MEET THE REQUIREMENTS OF FM STANDARD 3011.</li> <li>TEST, INSPECTION AND MAINTENANCE SHALL COMPLY WITH NFPA 72 CHAPTER 14 REQUIREMENTS.</li> <li>EACH BUILDING TO BE A SEPARATE SPEAKER ZONE. (CFC, 907.6.3).</li> <li>THE EXISTING SYSTEM SHALL REMAIN IN SERVICE UNTIL THE NEW SYSTEM IS INSTALLED OR THAT A FIRE WATCH IN COMPLIANCE WITH THE CALIFORNIA FIRE CODE WILL BE PROVIDED.</li> </ol>	<table style="width: 100%;"> <tr> <td>CAMPUS BUILDING SQUARE FOOTAGE:</td> <td style="text-align: right;">13,991</td> </tr> <tr> <td>OCCUPANCY GROUP:</td> <td style="text-align: right;">E: 9-12</td> </tr> <tr> <td>FIRE SPRINKLER:</td> <td style="text-align: right;">BLDGS.. NONE</td> </tr> <tr> <td>YEAR CONSTRUCTED:</td> <td style="text-align: right;">1940</td> </tr> <tr> <td>FLOOR AREAS:</td> <td style="text-align: right;">NO PROPOSED CHANGE</td> </tr> </table>	CAMPUS BUILDING SQUARE FOOTAGE:	13,991	OCCUPANCY GROUP:	E: 9-12	FIRE SPRINKLER:	BLDGS.. NONE	YEAR CONSTRUCTED:	1940	FLOOR AREAS:	NO PROPOSED CHANGE																																																		
CAMPUS BUILDING SQUARE FOOTAGE:	13,991																																																														
OCCUPANCY GROUP:	E: 9-12																																																														
FIRE SPRINKLER:	BLDGS.. NONE																																																														
YEAR CONSTRUCTED:	1940																																																														
FLOOR AREAS:	NO PROPOSED CHANGE																																																														
			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">REVISIONS</th> </tr> <tr> <th>#</th> <th>DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> </tbody> </table> <p>DESIGNER:</p> <p>SCALE: 12" = 1'-0"</p> <p>DATE: 2019.12.20</p> <p>TITLE:</p> <p style="text-align: center;"><b>COVER SHEET</b></p> <p>DRAWING NO.</p> <p style="text-align: center;"><b>G0.00</b></p>	REVISIONS		#	DATE																																																								
REVISIONS																																																															
#	DATE																																																														

Liberty High School  
660 W Walnut St, Lodi, CA 95240



# FIRE ALARM SYSTEM MATRIX

RESULT OF OPERATION	SMOKE DETECTOR	CO SMOKE DETECTOR	HEAT DETECTOR	DUCT DETECTOR	PULL STATION	SYSTEM RESET	SIGNAL SOUNDER	OPERATION	POWER LOSS	ELEVATOR LOBBY SMOKE					
FACP ALARM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ANNUNCIATE ALARM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
OFF SITE REPORTING ALARM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
FACP TROUBLE							X	X	X	X	X	X	X	X	X
ANNUNCIATE TROUBLE							X	X	X	X	X	X	X	X	X
OFF SITE REPORTING TROUBLE							X	X	X	X	X	X	X	X	X
AUDIBLE ALARM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
VISUAL ALARM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
FACP SUPERVISORY		X	X	X	X	X	X	X	X	X	X	X	X	X	X
ANNUNCIATE SUPERVISORY		X	X	X	X	X	X	X	X	X	X	X	X	X	X
OFF SITE REPORTING SUPERVISORY		X	X	X	X	X	X	X	X	X	X	X	X	X	X
DEACTIVATE VISUALS						X	X	X	X	X	X	X	X	X	X
DEACTIVATE AUDIBLES						X	X	X	X	X	X	X	X	X	X
HVAC SHUTDOWN			X	X	X	X	X	X	X	X	X	X	X	X	X
SYSTEM NORMAL					X	X	X	X	X	X	X	X	X	X	X
ELEVATOR RECALL TO 1ST FLOOR										X	X	X	X	X	X
ELEVATOR RECALL TO BASEMENT										X	X	X	X	X	X
FIRE HAT															X
SOUNDER BASE		X	X	X	X	X	X	X	X	X	X	X	X	X	X

# FIRE ALARM SYSTEM CABLE SCHEDULE

REQUIRED CABLES	CABLE TAG	CABLE	NO. OF CONDUCTORS	COLOR	AWG	CABLE USE
X	A	GENESIS	2(1PR)	RED/BLACK	#18	BUILDING INITIATION (SLC)
X	B	GENESIS	2(1PR)	RED/BLACK	#12	NOTIFICATION (NAC)
X	S	GENESIS	2(1PR)	RED/BLACK	#16	VOICE NOTIFICATION
X	F	GENESIS	2(1PR)	RED/BLACK	#12	24 VDC POWER
N/A	C	AQUA SEAL	2(1PR)	RED/BLACK	#18	UG BUILDING INITIATION (SLC)
N/A	D	AQUA SEAL	2(1PR)	RED/BLACK	#12	UG NOTIFICATION (NAC)
N/A	E	AQUA SEAL	2(1PR)	RED/BLACK	#16	UG VOICE NOTIFICATION
N/A	G	AQUA SEAL	2(1PR)	RED/BLACK	#12	UG 24 VDC POWER

# FIRE ALARM SYSTEM COMPONENT SCHEDULE

REQUIRED COMPONENTS	SYMBOL	EQUIPMENT/DEVICE	MANUFACTURER	MODEL / PART #	CSFM LISTING YEAR	CSFM LISTING NO.
X	FACP	FIRE ALARM CONTROL PANEL	GAMEWELL	E-3	6/30/2020	7165-1703-0125
X	AMP	AMPLIFIER	GAMEWELL	AM-50	6/30/2020	7165-1703-0125
X	BPX	REMOTE POWER BOOSTER	GAMEWELL	HPF24-S8	6/30/2020	7315-1637-0102
X	?	INTELLIGENT DUCT DETECTOR	GAMEWELL	XP95	6/30/2020	7272-1703-0155
N/A	?	INTELLIGENT HEAT DETECTOR	GAMEWELL	ATD-L2F	6/30/2020	7270-1703-0115
X	AH	ATTIC HEAT DETECTOR	GAMEWELL	5622	6/30/2020	7270-1653-0167
X	?	PHOTO SMOKE DETECTOR	GAMEWELL	ASD-PL3	6/30/2020	7272-1703-0501
X	CO	FIRE/CO DETECTOR WITH SOUNDER BASE	GAMEWELL SYSTEM SENSOR	MCS-COF B200S	6/30/2020	7275-1703-0175 7300-1653-0213
N/A	DM	DUAL MONITOR MODULE	GAMEWELL	AMM-2IF	6/30/2020	7300-1703-0107
X	SM	MONITOR MODULE	GAMEWELL	AMM-4F	6/30/2020	7300-1703-0102
X	IM	ISOLATION MODULE	GAMEWELL	M500X	6/30/2020	7300-1653-0103
X	CR	CONTROL RELAY	GAMEWELL	AQM-2RF	6/30/2020	7300-1703-0102
X	F	PULL STATION	GAMEWELL	MS-7	6/30/2020	7150-1703-0119
X	?	SPEAKER STROBE (CEILING)	SYSTEM SENSOR	SPSCWL	6/30/2020	7320-1653-0505
X	?	STROBE (CEILING)	SYSTEM SENSOR	SCWL	6/30/2020	7125-1653-0504
X	?	OUTDOOR SPEAKER	SYSTEM SENSOR	SPWK	6/30/2020	7320-1653-0201
N/A	?	SPEAKER STROBE (WALL)	SYSTEM SENSOR	SPSW	6/30/2020	7320-1653-0201
N/A	?	STROBE (WALL)	SYSTEM SENSOR	SW	6/30/2020	7125-1653-0156
X	EOLR	END-OF-LINE RELAY	SYSTEM SENSOR	EOLR-1	6/30/2020	7300-1653-0103
X	DOC	DOCUMENT BOX	SPACE AGE TECH	SRD-ACE-11	6/30/2020	7300-0553-0110

# FIRE ALARM NOTES

- WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE REGULATIONS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:  
STATE CALIFORNIA CODE OF REGULATIONS (CCR) 201 6 TITLE 24 CALIFORNIA BUILDING CODE PART 2, 2016 CALIFORNIA BUILDING CODE (CBC), 201 5 IBC, PART 3, 2016 CALIFORNIA ELECTRICAL CODE (CEC), 201 5 NEC, PART 4, 2016 CALIFORNIA MECHANICAL CODE (CMC), 201 5 UMC, PART 5, 2016 CALIFORNIA PLUMBING CODE (CPC), 201 5 UPC, PART 9, 2016 CALIFORNIA FIRE CODE (CFC) BASED ON 201 5 IFC, 2016 NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 13, 72, 80, 90A, 99, AND 101.
- INSTALLATION OF THE SYSTEMS SHALL NOT BE STARTED UNTIL DETAILED DESIGN DOCUMENTATION AND SPECIFICATIONS, INCLUDING STATE FIRE MARSHALL LISTING SHEETS FOR EACH COMPONENT OF THE SYSTEM HAS BEEN APPROVED BY DSA.
- UPON COMPLETION OF INSTALLATION OF THE SYSTEMS, A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF A DSA PROJECT INSPECTOR. A STAMPED SET OF APPROVED FIRE ALARM DESIGN DOCUMENTS SHALL BE ON THE JOB SITE AND USED FOR INSTALLATION.
- ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE CODE OR RECOGNIZED STANDARDS SHALL BE BROUGHT TO THE ATTENTION OF DSA AND THE ARCHITECT/ENGINEER OF RECORD.
- DSA, ARCHITECT/ENGINEER AND OWNER SHALL BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO THE FINAL INSPECTION AND/OR TESTING.
- ALL PENETRATIONS THROUGH RATED ASSEMBLIES, REQUIRING OPENING PROTECTION SHALL BE PROVIDED WITHIN THE SPECIFICATION WITHIN THE FIRE ALARM SECTION.
- AUDIBLE DEVICES SHALL PROVIDE A SOUND PRESSURE LEVEL OF 15DECIBELS (dba) ABOVE THE AVERAGE AMBIENT SOUND LEVEL OR 5 dba ABOVE THE MAXIMUM SOUND LEVEL HAVING A DURATION AT LEAST 60 SECONDS, WHICHEVER IS GREATER, IN EVERY OCCUPIED SPACE WITHIN THE BUILDING.
- AUDIBLE DEVICES SHALL BE SYNCHRONIZED TEMPORAL CODE 3 PATTERN.
- THE CONTRACTOR SHALL ADJUST/INSTALL DEVICES TO MAXIMIZE PERFORMANCE AND TO MINIMIZE FALSE ALARMS.
- VISUAL DEVICES SHOULD NOT EXCEED 2 FLASHES PER SECOND AND SHOULD NOT BE SLOWER THAN 1 FLASH EVERY SECOND. THE DEVICE SHALL HAVE A PULSING LIGHT SOURCE NOT LESS THAN 15 CANDELLA. VISUAL DEVICES WITHIN 5' FROM EACH OTHER SHALL BE SYNCHRONIZED.
- UNDERGROUND AND EXTERIOR CONDUIT TO HAVE WATERTIGHT FITTINGS AND WIRE TO BE APPROVED FOR WET LOCATIONS.
- ALL FIRE ALARM CIRCUITS ARE TO BE IN CONDUIT, SURFACE RACEWAY OR OPEN RUN ABOVE THE CEILINGS, UNDER FLOORS AND IN WALLS IN A NEAT AND PROTECTED MANNER AS INDICATED ON THE DESIGN DOCUMENTS. EXPOSED CIRCUITS ARE ONLY PERMITTED WHEN NOTED AS EXPOSED ON DESIGN DOCUMENTS.
- FIRE ALARM PANEL, REMOTES, AND COMPONENTS SHALL BE SECURED TO MOUNTING SURFACES PER MANUFACTURERS SPECIFICATIONS. NO DEVICE SHALL EXCEED THE WEIGHT OF 20 LBS. WITHOUT SPECIAL MOUNTING DETAILS.
- A DEDICATED BRANCH CIRCUIT SHALL BE PROVIDED FOR FIRE ALARM EQUIPMENT. THIS CIRCUIT SHALL BE ENERGIZED FROM A COMMON USE AREA PANEL AND SHALL HAVE OTHER OUTLETS. THE BREAKER SHALL HAVE A RED LOCKING DEVICE TO BLOCK THE HANDLE IN THE "ON" POSITION. THE CIRCUIT BREAKER SHALL BE LABELED "FIRE ALARM CIRCUIT CONTROL". CIRCUIT ID TO BE LABELED AT FIRE PANEL/EXPANDERS.
- THE INSTALLER CONTRACTOR SHALL PROVIDE A RECORD OF COMPLETION PER NFPA 72, FIGURE 10.18.2.1.1.
- THE INSTALLING CONTRACTOR SHALL PROVIDE SYSTEM PROGRAMMING FOR SUPERVISORY MONITORING PER CBC SECTION 901.6.2.
- SUPERVISORY MONITORING SHALL BE TESTED AND VERIFIED AS SENDING CORRECT SIGNALS IN CONJUNCTION WITH FINAL ACCEPTANCE TEST.
- OWNER SHALL BE RESPONSIBLE FOR ESTABLISHING A FIRE SYSTEM MONITORING CONTRACT OR PROVISIONS. AUTOMATIC FIRE ALARM SYSTEMS SHALL TRANSMIT THE ALARM, SUPERVISORY AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION AS REQUIRED BY NFPA 72 AND CBC 907.6.5.2. THE SUPERVISING STATION SHALL BE LISTED AS EITHER UUFX OR UUIS BY UL OR SHALL MEET THE REQUIREMENTS OF FM STANDARD 3011.
- BEFORE REQUESTING FINAL APPROVAL OF THE INSTALLATION THE INSTALLING CONTRACTOR SHALL FURNISH A WRITTEN STATEMENT TO THE DSA PROJECT INSPECTOR TO THE EFFECT THAT THE SYSTEM HAS BEEN INSTALLED AND TESTED IN ACCORDANCE WITH THE NFPA 72 SECTION 14.4.1.
- TEST, INSPECTION AND MAINTENANCE SHALL COMPLY WITH NFPA 72 CHAPTER 14 REQUIREMENTS.
- ALL DUCT SMOKE DETECTORS SHALL HAVE A KEYS TEST SWITCH MOUNTED AT 42" A.F.F. FIELD VERIFY LOCATION.

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP. 02-118023 INC.  
REVIEWED FOR  
DATE: 02/27/2020

IDENTIFICATION  
DIV. OF THE STATE ARCHITECT  
APP. # 02-1  
DATE: 02/27/2020

REVIEWED FOR  
DATE: 02/27/2020

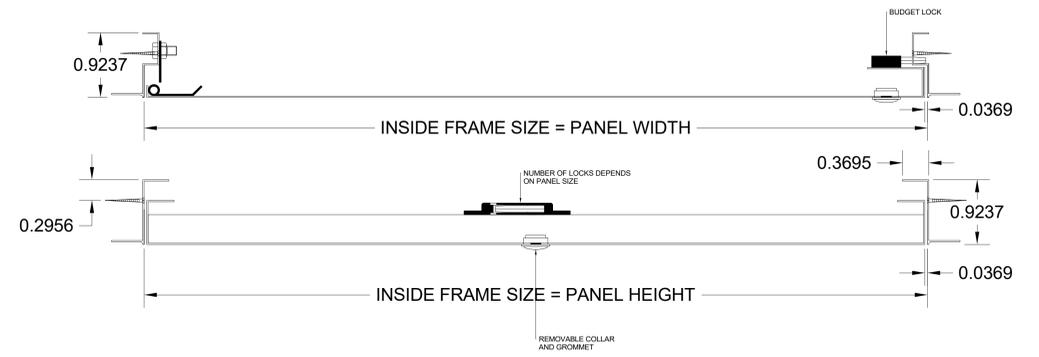
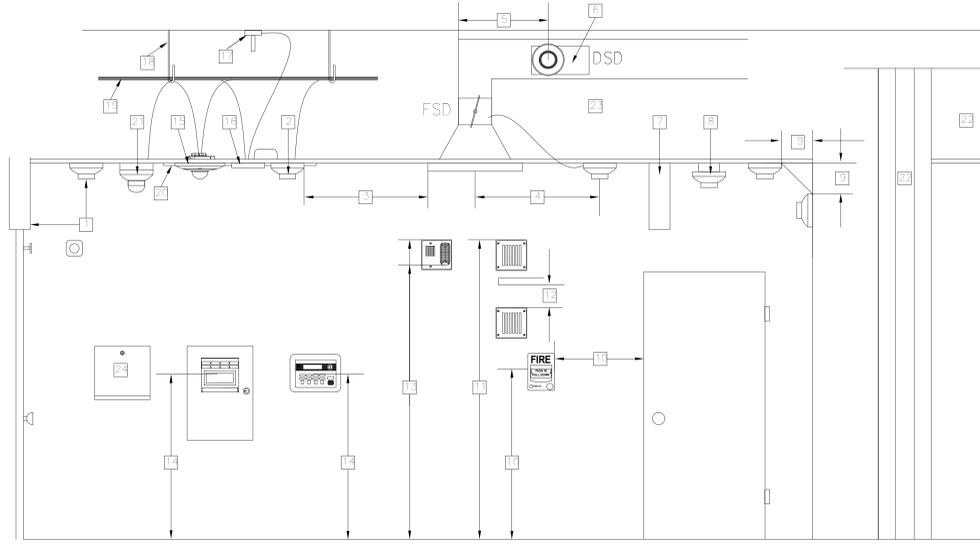
**The Engineering Enterprise**  
CONSULTING ENGINEERS  
1125 HIGH STREET  
AUBURN, CA 95603  
(530) 886-8556

REGISTERED PROFESSIONAL ARCHITECT  
No. E01549  
Exp. 06/30/21  
STATE OF CALIFORNIA

Liberty High School  
660 W Walnut St Bldg, CA 95240

# NUMBERED SHEET NOTES

- MOUNT DOOR HOLDER SMOKE DETECTOR MAXIMUM 3' FROM DOOR AND A MINIMUM OF 1' MAXIMUM DISTANCE BETWEEN SMOKE DETECTORS IS 30' AND 15' FROM WALLS. MAXIMUM DISTANCE FROM A CORNER IS 21' WITH CEILING LESS 10' OR LESS.
- MOUNT SMOKE DETECTOR MINIMUM OF 3' AWAY FROM DIFFUSER VENT.
- MOUNT SMOKE DETECTOR FOR FIRE SMOKE DAMPER (FSD) WITHIN 3' OF SUPPLY VENT.
- DUCT SMOKE DETECTOR SHALL BE MOUNTED 6 TO 10 TIMES THE DIAMETER OF DUCT FROM BEND OR OBSTRUCTION.
- WHERE DUCT SMOKE DETECTORS ARE INSTALLED IN CONCEALED LOCATIONS OR GREATER THAN 10' AFF, DETECTORS SHALL BE PROVIDED WITH A REMOTE INDICATOR OR SUPERVISORY INDICATION ACCEPTABLE WITH AUTHORITY HAVING JURISDICTION (AHJ). ALL HVAC GREATER THAN 2000cfm SHALL HAVE A DUCT DETECTOR IN THE SUPPLY AIR DUCT. GREATER THAN 15,000cfm SHALL HAVE ONE IN BOTH SUPPLY AND RETURN AIR DUCTS. HOWEVER SHALL NOT BE REQUIRED WHERE THE ENTIRE SPACE SERVED BY THE AIR DISTRIBUTION SYSTEM IS PROTECTED BY SMOKE DETECTOR TRIGGER HVAC SHUT-DOWN.
- BEAM POCKET SPOT DETECTOR ARE REQUIRED FOR BEAMS GREATER THAN 18" BELOW CEILING AND SPACED MORE THAN 8' ON CENTER. EACH BAY FORMED BY BEAM SHALL BE TREATED AS A SEPARATE AREA. BEAMS LESS THAN 12" IN DEPTH AND SPACED LESS THAN 8' ON CENTER SHALL HAVE DETECTORS INSTALLED ON THE BOTTOM OF THE BEAM.
- OR, CEILINGS WITH BEAM DEPTHS LESS THAN 10 PERCENT OF THE CEILING HEIGHT, SMOOTH CEILING SPACING IS PERMITTED AND DETECTORS PLACED ON THE BOTTOM OF THE BEAM. BEAMS EQUAL TO OR GREATER THAN 10 PERCENT OF CEILING HEIGHT WITH BEAM SPACING GREATER THAN 40 PERCENT OF CEILING HEIGHT, SPOT DETECTORS SHALL BE LOCATED IN EACH CELL. NFPA 72 17.7.3.2.4.2
- BEAMS PROJECTING LESS THAN 4" SHALL BE TREATED AS A SMOOTH CEILING.
- SMOKE DETECTORS SHALL BE MOUNTED ON THE CEILING MINIMUM 4" FROM WALL AND 4" MINIMUM TO 12" MAXIMUM FROM CEILING MOUNTED ON WALL.
- MOUNT MANUAL PULL STATIONS AT 48" TO TOP OF BOX AFF, AND NO GREATER THAN 5' FROM DOOR.
- MOUNT EXTERNAL HORN AT 90° MINIMUM AND 100" MAXIMUM TO THE TOP OF THE DEVICE.
- FOR APPLICATIONS WHERE THE STRUCTURE IS BELOW 90°, MOUNT HORN AS HIGH AS WITH A MINIMUM OF 8' CLEARANCE TO THE TOP OF THE DEVICE.
- MOUNT HORN / SPEAKER STROBE AND STROBE ONLY THE ENTIRE LENS IS WITHIN 80° AND 95° AFF.
- MOUNT FIRE ALARM CONTROL PANELS AND ANNUNCIATORS AT A MAXIMUM OF 80" TO THE TOP OF THE CONTROL PANEL OR KEY BOARDS.
- CEILING MOUNTED HORN / SPEAKER STROBE
- MONITOR MODULE
- RATE ANTICIPATOR HEAT DETECTOR, MOUNTED IN ABOVE CEILING / ATTIC SPACE.
- APPROVED WIRE MANAGEMENT, @ J-HOOK OR D-RING.
- ABOVE CEILING CIRCUITS ROUTING IN AN ACCESSIBLE ATTIC SPACE.
- NON-ACCESSIBLE CEILINGS MUST USE EITHER EMT OR APPROVED WIREMOLD RACEWAY, AS SHOWN ON PLANS.
- MULTI-CRITERIA PHOTOELECTRIC SMOKE / CO DETECTOR WITH SOUNDER BASE. MOUNT IN AREAS WHERE FOSSIL FUEL IS USED.
- SMOKE / HEAT DETECTION COVERAGE IS REQUIRED IN ALL COMBUSTIBLE AREAS, UNLESS:  
22.1. CEILING IS ATTACHED DIRECTLY TO THE UNDERSIDE OF THE SUPPORTING BEAM OR ROOF DECK.  
22.2. CONCEALED SPACE IS ENTIRELY FILLED WITH NON-COMBUSTIBLE INSULATION.  
22.3. THE SMALL CONCEALED SPACE OVER ROOMS THAT DO NOT EXCEED 50 SQ. FT. IN AREA.  
22.4. SPACES FORMED BY FACING STUDS OR SOLID JOISTS IN WALLS, FLOORS, OR CEILINGS WHERE THE FACING STUD OR SOLID JOIST IS LESS THAN 1" IN THICKNESS.  
INACCESSIBLE SPACES THAT DO NOT MEET THIS CRITERIA MUST BE MADE ACCESSIBLE AND DETECTION MUST BE INSTALLED. NFPA 72 17.5.3.1.1
- DETECTION FOR CONCEALED ACCESSIBLE SPACES ABOVE SUSPENDED CEILING USED AS A RETURN PLENUM SHALL BE PROVIDED AT EACH CONNECTION FROM RETURN AIR PLENUM AT CENTRAL AIR HANDLING UNIT. NFPA 72 17.5.3.1.4
- WITH EVERY NEW FIRE ALARM SYSTEM A DOCUMENTATION CABINET SHALL BE INSTALLED AT THE FIRE ALARM CONTROL PANEL OR AT ANOTHER LOCATION APPROVED BY AHJ. THE CABINET SHALL BE PROMINENTLY LABELED "SYSTEM RECORD DOCUMENTS".



TYPICAL FIRE ALARM ACCESS DOOR  
DETAIL

# FIRE ALARM SYSTEM DESCRIPTION

SCOPE OF THIS PROJECT IS TO PROVIDE A NEW FIRE ALARM PANEL WITH NEW VOICE EVACUATION PANEL, INCLUDING FACP, VOICE AMPLIFIERS, POWER SUPPLIES, MICROPHONE, INITIATION, NOTIFICATION AND CONTROL DEVICES AS SHOWN ON PLANS AND SPECIFICATIONS. PROVIDE ALL NEW CABLING, CABLING SHALL BE INSTALLED IN CONDUIT OR SURFACE RACEWAY, OR EXPOSED IN ACCESSIBLE CEILING SPACE.

FIRE ALARM SYSTEM: CLASS B  
IDC: CLASS B  
SLC CIRCUIT: CLASS B  
NOTIFICATION CIRCUIT: CLASS B

REVISIONS

#	DESCRIPTION	DATE

DESIGNER: Designer  
SCALE: NTS  
DATE: 2019.12.20  
TITLE: FIRE ALARM MATRIX, SCHEDULE & NOTES  
DRAWING NO. E0.01



**GENERAL SHEET NOTES**

- A. FIRE ALARM SYSTEM INSTALLATION SHALL COMPLY WITH ALL REQUIREMENTS OF APPLICABLE CODES, STANDARDS AND STATE REGULATIONS.
- B. FIRE ALARM CIRCUITS AND CIRCUIT ROUTING ARE SHOWN SCHEMATICALLY FOR CLARITY ILLUSTRATING THE WIRING CONFIGURATION NECESSARY FOR PROPER CIRCUIT SUPERVISION.
- C. COORDINATE CEILING MOUNTED FIRE ALARM DEVICE LOCATIONS WITH NEW LIGHT FIXTURES TO AVOID CONFLICTS.
- D. DO NOT INSTALL FIRE ALARM DEVICES BACK TO BACK IN STUD WALLS.
- E. INSTALL FIRE ALARM CONDUCTORS IN CONDUIT OR METAL SURFACE RACEWAY WHEN IN EXPOSED SPACES. MINIMUM SIZE OF CONDUIT SHALL BE 0.75". UTILIZE WIREMOLD 700 SERIES SURFACE RACEWAY (IN LIEU OF CONDUIT) FOR AREA WHERE CONDUIT CANNOT BE INSTALLED CONCEALED. CABLE ABOVE ACCESSIBLE CEILING CAN BE INSTALLED FREE AIR WHEN USING APPLICABLE CABLE. SUPPORT ALL FREE AIR CABLE EVERY 48" WITH J-HOOKS.
- F. ALL SPEAKER, SPEAKER/STROBES SHALL HAVE MINIMUM 0.75" CONDUIT PATHWAYS. USE OF EXISTING 0.5" CONDUIT PATHWAY IS NOT ACCEPTABLE.
- G. ENSURE THAT SPEAKER/STROBES ARE MOUNTED IN 5" SQ. X 2 7/8" DEEP BOX. FOR SURFACE MOUNTED DEVICES, FLUSH MOUNTED DEVICES SHALL BE MOUNTED IN THE MANUFACTURERS DESIGNATED BACK BOXES, COLOR TO MATCH DEVICE.
- H. REFER TO E3.00 FOR RISER DIAGRAMS.
- I. CONTRACTOR SHALL PROVIDE 120V DEDICATED RED LOCKING CIRCUIT BREAKER PER FIRE ALARM SYSTEM PANELS PER LOCATION.
- J. THE FIRE ALARM SYSTEM WILL BE DEMOLISHED AND REPLACED TO THE CURRENT 2016 CFC. THE SYSTEM WILL BE A FULLY AUTOMATIC SYSTEM WITH EMERGENCY VOICE ANNUNCIATION. FULL COVERAGE IN EACH BUILDING SHALL BE PROVIDED. COMMUNICATION WILL BE PROVIDED TO A CENTRAL MONITORING STATION.

**NUMBERED SHEET NOTES**

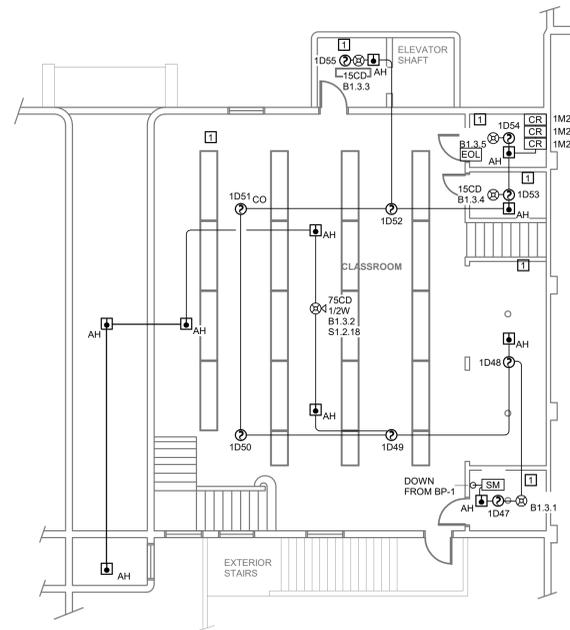
- 1 HARD LID CEILING WITH ATTIC SPACE ABOVE. AH HEAT DETECTORS REQUIRED.

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP. 02-118023 INC.  
REVIEWED FOR  
SS  FLS  ACS   
APPL. # 02-1 DATE: 02/27/2020  
REVIEWED FOR  
FLS \_\_\_\_\_ ACS \_\_\_\_\_

**The Engineering Enterprise**  
CONSULTING ENGINEERS  
1125 HIGH STREET  
AUBURN, CA 95603  
(530) 886-8556



**Liberty High School**  
660 W Walnut St, Lodi, CA 95240



**1 FIRE ALARM PLAN - LEVEL B1**  
SCALE: 1/8" = 1'-0"

**REVISIONS**

#	DESCRIPTION	DATE

DESIGNER:

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

DATE: 2019.12.20

TITLE:

**FIRE ALARM PLAN - LEVEL B1**

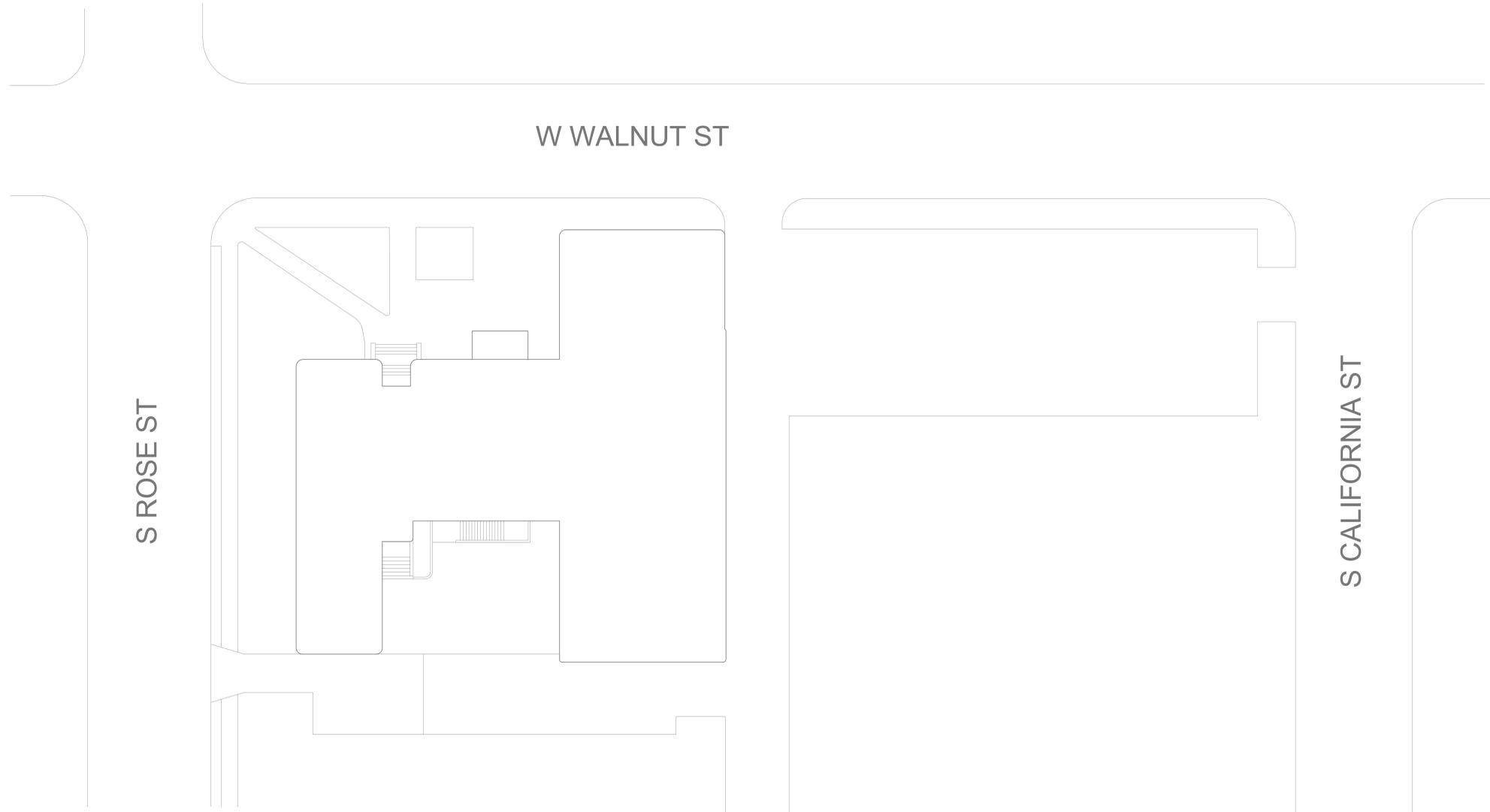
DRAWING NO.

**E2.00**









1 FIRE ALARM DEMO PLAN - SITE PLAN  
SCALE: 1/16" = 1'-0"

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP. 02-118023 INC.  
REVIEWED FOR  
SS  FLS  ACS   
APPL. # 02-1 DATE: 02/27/2020  
REVIEWED FOR  
SS \_\_\_\_\_ FLS \_\_\_\_\_ ACS \_\_\_\_\_  
DATE: \_\_\_\_\_

**The Engineering Enterprise**  
CONSULTING ENGINEERS  
1125 HIGH STREET  
AUBURN, CA 95603  
(530) 886-8556



**Liberty High School**  
**660 W Walnut St, Lodi, CA 95240**

REVISIONS

#	DESCRIPTION	DATE

DESIGNER:  
SCALE: 1/16" = 1'-0"  
DATE: 2019.12.20  
TITLE:  
**FIRE ALARM DEMO  
PLAN - SITE PLAN**  
DRAWING NO.  
**ED1.00**

IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 APP. 02-118023 INC.  
 REVIEWED FOR  
 IDENTIFICATION STAMP # 31 ACS  
 DIV. OF THE STATE ARCHITECTS  
 APPL. # 02-118023 DATE 02/27/2020 INC. #  
 REVIEWED FOR  
 SS \_\_\_\_\_ FLS \_\_\_\_\_ ACS \_\_\_\_\_  
 DATE: \_\_\_\_\_

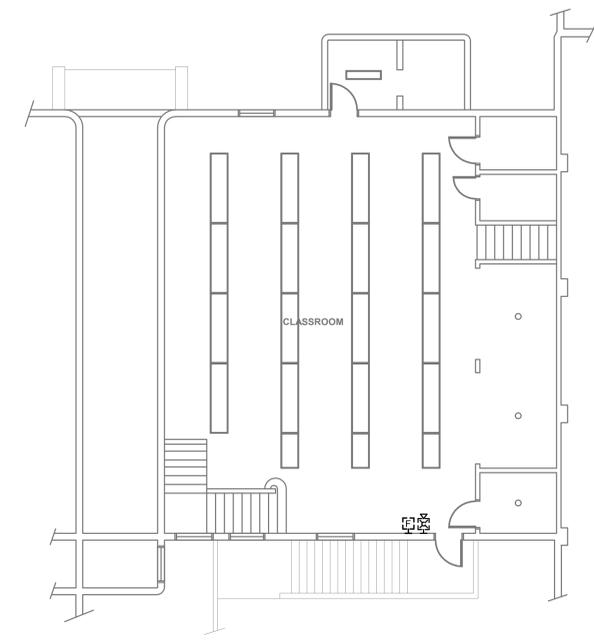
**GENERAL SHEET NOTES**

- A. TO REMOVE ALL UNUSED DEVICES, CIRCUITRY AND CONDUIT BACK TO SOURCE.
- B. WHEN A DEVICE IS REMOVED FROM AN EXISTING WALL WHICH WILL REMAIN, PATCH WALL TO MATCH EXISTING OR NEW FINISH.
- C. WHERE EXISTING FIRE ALARM DEVICES ARE TO BE REMOVED, THE CONTRACTOR SHALL ALSO REMOVE ALL CONDUCTORS SERVING THE DEVICE, ABANDONED CONDUITS AND BOXES. CAN BE RE-USED TO PULL NEW CONDUCTORS THROUGH FOR SERVICE DEVICES DOWN STREAM. DO NOT SPLICE IN ABANDONED DEVICE BOXES.
- D. REMOVE ALL UNUSED FIRE ALARM CONTROL PANELS, BOOSTER PANELS AND REMOTE ANNUNCIATORS.

**The Engineering Enterprise**  
 CONSULTING ENGINEERS  
 1125 HIGH STREET  
 AUBURN, CA 95603  
 (530) 886-8556



**Liberty High School**  
**660 W Walnut St, Lodi, CA 95240**



**1** FIRE ALARM DEMO PLAN - LEVEL B1  
 SCALE: 1/8" = 1'-0"

**REVISIONS**

#	DESCRIPTION	DATE

**DESIGNER:**  
**SCALE:** 1/8" = 1'-0"  
**DATE:** 2019.12.20  
**TITLE:**  
**FIRE ALARM DEMO PLAN - LEVEL B1**  
**DRAWING NO.**  
**ED1.01**



# TURNER ACADEMY

13250 live Oak Rd, Lodi, CA 95242

## FIRE ALARM REPLACEMENT PROJECT

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP. 02-118024 INC.  
REVIEWED FOR  
SS  FLS  ACS   
APPL. # 02-118024 DATE: 02/27/2020  
REVIEWED FOR  
SS \_\_\_\_\_ FLS \_\_\_\_\_ ACS \_\_\_\_\_  
DATE: \_\_\_\_\_



Turner Academy at Oak Colony  
13520 Live Oak Rd, Lodi, CA 95240

CODE INFORMATION	FIRE ALARM SCOPE OF WORK	PROJECT TEAM		DRAWING INDEX																																																		
<p>THE INTENT OF THE CONSTRUCTION DOCUMENTS IS REPLACE EQUIPMENT IN ACCORDANCE WITH THE CBC 2016. SHOULD ANY CONDITION DEVELOP NOT COVERED BY THE CONSTRUCTION DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH THE CBC 2016, A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK.</p> <p>ANCHORAGE AND SUPPORTS OF ALL EQUIPMENT TO BE INSTALLED, AS A PART OF THIS PROJECT SHALL BE DETAILED ON CONSTRUCTION DOCUMENTS, EXCEPT THOSE EXEMPT BY 2016 CBC SECTION 1616A.1.18. EQUIPMENT SUPPORTS AND ANCHORAGE SHALL BE APPROVED BY THE APPROPRIATE DESIGN PROFESSIONAL OF RECORD AND DSA AS A PART OF FIELD REVIEWS/OBSERVATIONS. THE INSPECTOR OF RECORD (IOR) SHALL ASSURE THAT THE ABOVE REQUIREMENTS ARE ENFORCED.</p> <p>ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE REGULATIONS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:</p> <p>2016 CALIFORNIA ADMINISTRATIVE CODE (CAC) PART 1, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)</p> <p>2016 CALIFORNIA BUILDING CODE (CBC) PART 2, TITLE 24, CCR BASED ON THE 2015 INTERNATIONAL BUILDING CODE (IBC)</p> <p>2016 CALIFORNIA ELECTRICAL CODE (CEC) PART 3, TITLE 24, CCR BASED ON THE 2014 NATIONAL ELECTRICAL CODE (NEC)</p> <p>2016 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24, CCR BASED ON THE 2015 UNIFORM MECHANICAL CODE (UMC)</p> <p>2016 CALIFORNIA PLUMBING CODE (CPC) PART 5, TITLE 24, CCR BASED ON THE 2015 UNIFORM PLUMBING CODE (UPC)</p> <p>2016 CALIFORNIA FIRE CODE (CFC) PART 9, TITLE 24, CCR BASED ON THE 2015 INTERNATIONAL FIRE CODE (IFC)</p> <p>2016 NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE</p> <p>COMPLIANCE WITH 2016 CALIFORNIA FIRE CODE, CHAPTER 33 - FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION.</p>	<p>PROVIDE A MANUALLY AND AUTOMATICALLY ACTIVATED FIRE ALARM SYSTEM INCLUDING FACP, VOICE AMPLIFIERS, POWER SUPPLIES, ANNOUNCING MICROPHONE, INITIATION, NOTIFICATION, CONTROL AND MONITORING DEVICES AS SHOWN ON PLANS AND SPECIFICATIONS.</p> <p><b>FIRE ALARM DESCRIPTION</b></p> <p>THIS PROJECT IS TO REPLACE THE EXISTING FIRE ALARM PANELS, INITIATING DEVICES, NOTIFICATION DEVICES, MODULES, POWER SUPPLIES AND REMOTE ANNUNCIATOR PANEL WITH A NEW GAMEWELL E3 FIRE ALARM SYSTEM WITH EMERGENCY VOICE EVACUATION.</p> <p>ALL EXISTING PATHWAY WILL BE RE-USED WHERE POSSIBLE AND NEW WHERE REQUIRED. NEW PATHWAY WILL BE PROVIDED IN AREAS WHERE CABLE CAN NOT BE CONCEALED ABOVE CEILING.</p> <p>CABLE ABOVE CEILING WHEN NOT IN EXISTING CONDUIT WILL BE FREE AIR AND SUPPORTED EVERY 48" WITH J-HOOKS, PAINTED RED.</p> <p>NEW DEVICE BOXES WILL BE REQUIRED AT ALL NEW DEVICES. WHERE EXISTING DEVICE BOXES ARE LOCATED AND A DEVICE IS NOT REQUIRED, THEN PROVIDE COVER PLATES. REMOVE EXISTING DEVICE BOXES WHEN ADDING A NEW DEVICE.</p> <p>DEMOLISH ALL OLD CABLE, FIRE ALARM COMPONENTS AND BACK BOXES FROM SITE.</p> <p>ALL CABLE AND COMPONENTS WILL BE NEW.</p> <p>THIS PROJECT IS TO REPLACE EXISTING FIRE ALARM HEAD END UNIT AND ALL ASSOCIATED DEVICES.</p> <p>FIRE ALARM SYSTEM: CLASS B IDC: CLASS B SLC CIRCUIT: CLASS B NOTIFICATION CIRCUIT: CLASS B</p>	<p><b>OWNER</b></p> <p>LODI UNIFIED SCHOOL DISTRICT 1305 E. VINE ST. LODI, CA 95240</p> <p>CONTACT: LEONARD KAHN (209)331-7225 E-MAIL CONTACT: VBRUM@LODIUSD.NET</p>	<p><b>ELECTRICAL ENGINEER:</b></p> <p>THE ENGINEERING ENTERPRISE 1125 HIGH ST. AUBURN, CA 95603</p> <p>CONTACT: SCOTT WHEELER: 530-305-927-5784 FAX: 530-886-8557 EMAIL: SCOTT@ENGENT.COM</p> <p>CONTACT: JESSE WHEELER: 530-927-5630 FAX: 530-886-8557 EMAIL: JESSE.WHEELER@ENGENT.COM</p>	<table border="1"> <thead> <tr> <th>SHEET NO.</th> <th>SHEET NAME</th> <th>SCHEMATIC DESIGN</th> <th>DESIGN DEVELOPMENT</th> <th>DSA SUBMISSION</th> </tr> </thead> <tbody> <tr> <td>G0.0</td> <td>COVER SHEET</td> <td></td> <td></td> <td></td> </tr> <tr> <td>E0.00</td> <td>FIRE ALARM SYMBOLS, NOTES, AND MATRIX</td> <td></td> <td></td> <td></td> </tr> <tr> <td>E0.01</td> <td>FIRE ALARM MATRIX, SCHEDULE &amp; NOTES</td> <td></td> <td></td> <td></td> </tr> <tr> <td>E1.00</td> <td>SITE PLAN</td> <td></td> <td></td> <td></td> </tr> <tr> <td>E2.00</td> <td>FIRE ALARM PLAN - A, B &amp; PORTABLE</td> <td></td> <td></td> <td></td> </tr> <tr> <td>E3.00</td> <td>FIRE ALARM RISER</td> <td></td> <td></td> <td></td> </tr> <tr> <td>E4.01</td> <td>FIRE ALARM CALCULATIONS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ED1.00</td> <td>FIRE ALARM DEMO PLAN - SITE PLAN</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ED1.01</td> <td>FIRE ALARM DEMO PLAN - A, B &amp; PORTABLE</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	SHEET NO.	SHEET NAME	SCHEMATIC DESIGN	DESIGN DEVELOPMENT	DSA SUBMISSION	G0.0	COVER SHEET				E0.00	FIRE ALARM SYMBOLS, NOTES, AND MATRIX				E0.01	FIRE ALARM MATRIX, SCHEDULE & NOTES				E1.00	SITE PLAN				E2.00	FIRE ALARM PLAN - A, B & PORTABLE				E3.00	FIRE ALARM RISER				E4.01	FIRE ALARM CALCULATIONS				ED1.00	FIRE ALARM DEMO PLAN - SITE PLAN				ED1.01	FIRE ALARM DEMO PLAN - A, B & PORTABLE			
SHEET NO.	SHEET NAME	SCHEMATIC DESIGN	DESIGN DEVELOPMENT	DSA SUBMISSION																																																		
G0.0	COVER SHEET																																																					
E0.00	FIRE ALARM SYMBOLS, NOTES, AND MATRIX																																																					
E0.01	FIRE ALARM MATRIX, SCHEDULE & NOTES																																																					
E1.00	SITE PLAN																																																					
E2.00	FIRE ALARM PLAN - A, B & PORTABLE																																																					
E3.00	FIRE ALARM RISER																																																					
E4.01	FIRE ALARM CALCULATIONS																																																					
ED1.00	FIRE ALARM DEMO PLAN - SITE PLAN																																																					
ED1.01	FIRE ALARM DEMO PLAN - A, B & PORTABLE																																																					
<b>DSA ANCHORAGE AND BRACING NOTES</b>	<b>DEFERRED APPROVALS</b>	<b>NOTES</b>																																																				
	N/A	<ol style="list-style-type: none"> <li>THE FIRE ALARM SYSTEM SHALL CONFORM TO 2016 CALIFORNIA ELECTRICAL CODE (CEC) ARTICLE 760 AND 2016 CALIFORNIA FIRE CODE (CFC) SECTION 907.</li> <li>PROVIDE CALIFORNIA STATE FIRE MARSHAL LISTING NUMBERS FOR EACH COMPONENT OF THE SYSTEM INCLUDING MANUFACTURER CUT SHEETS FOR REVIEW.</li> <li>BEFORE REQUESTING FINAL APPROVAL OF THE INSTALLATION THE INSTALLING CONTRACTOR SHALL FURNISH A WRITTEN STATEMENT TO THE DSA PROJECT INSPECTOR TO THE EFFECT THAT THE SYSTEM HAS BEEN INSTALLED AND TESTED IN ACCORDANCE WITH THE (2016) NFPA 72 SECTION 14.4.1.</li> <li>UPON COMPLETION OF THE INSTALLATION OF THE FIRE ALARM SYSTEM, A SATISFACTORY TEST OF THE SYSTEM SHALL BE MADE IN THE PRESENCE OF THE DSA PROJECT INSPECTOR.</li> <li>PROVIDE A RECORD OF COMPLETION PER CBC 907.7.2.</li> <li>AUTOMATIC FIRE ALARM SYSTEMS SHALL TRANSMIT THE ALARM, SUPERVISORY AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION AS REQUIRED BY NFPA 72 AND CBC 907.6.5.2. THE SUPERVISING STATION SHALL BE LISTED AS EITHER UJFX OR UUIS BY UL OR SHALL MEET THE REQUIREMENTS OF FM STANDARD 3011.</li> <li>TEST, INSPECTION AND MAINTENANCE SHALL COMPLY WITH NFPA 72 CHAPTER 14 REQUIREMENTS.</li> <li>EACH BUILDING TO BE A SEPARATE SPEAKER ZONE. (CFC, 907.6.3).</li> <li>THE EXISTING SYSTEM SHALL REMAIN IN SERVICE UNTIL THE NEW SYSTEM IS INSTALLED OR THAT A FIRE WATCH IN COMPLIANCE WITH THE CALIFORNIA FIRE CODE WILL BE PROVIDED.</li> </ol>																																																				
<b>EXISTING BUILDING DATA</b>																																																						
<table border="1"> <tbody> <tr> <td>CAMPUS BUILDING SQUARE FOOTAGE:</td> <td>9189</td> </tr> <tr> <td>OCCUPANCY GROUP:</td> <td>E: K-6</td> </tr> <tr> <td>FIRE SPRINKLER:</td> <td>BLDGS A</td> </tr> <tr> <td>YEAR CONSTRUCTED:</td> <td>1966</td> </tr> <tr> <td>FLOOR AREAS:</td> <td>NO PROPOSED CHANGE</td> </tr> </tbody> </table>					CAMPUS BUILDING SQUARE FOOTAGE:	9189	OCCUPANCY GROUP:	E: K-6	FIRE SPRINKLER:	BLDGS A	YEAR CONSTRUCTED:	1966	FLOOR AREAS:	NO PROPOSED CHANGE																																								
CAMPUS BUILDING SQUARE FOOTAGE:	9189																																																					
OCCUPANCY GROUP:	E: K-6																																																					
FIRE SPRINKLER:	BLDGS A																																																					
YEAR CONSTRUCTED:	1966																																																					
FLOOR AREAS:	NO PROPOSED CHANGE																																																					
<b>REVISIONS</b>																																																						
<table border="1"> <thead> <tr> <th>#</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>					#	DESCRIPTION	DATE																																															
#	DESCRIPTION	DATE																																																				
<b>DESIGNER:</b>																																																						
<b>SCALE:</b> 12" = 1'-0"																																																						
<b>DATE:</b> 2019.12.20																																																						
<b>TITLE:</b>																																																						
<b>COVER SHEET</b>																																																						
<b>DRAWING NO.</b>																																																						
<b>G0.0</b>																																																						

FIRE ALARM	
	SMOKE DETECTOR INITIATING DEVICE, CEILING MOUNTED IN FLUSH OR SURFACE JUNCTION BOX.
	SMOKE DETECTOR INITIATING DEVICE, WALL MOUNTED IN FLUSH JUNCTION BOX, MAXIMUM 6" BELOW CEILING.
	SMOKE DETECTOR INITIATING DEVICE, MOUNTED TO STRUCTURE ABOVE SUSPENDED CEILING IN SURFACE JUNCTION BOX OR SUSPENDED IN JUNCTION BOX IN FRONT OF RETURN AIR FIRE/SMOKE DAMPERS.
	SMOKE DETECTOR INITIATING DEVICE, DUCT-MOUNTED TYPE WITH SAMPLING TUBE, LOCATED AT SUPPLY AIR FANS 2000cfm AND LARGER.
	SMOKE DETECTOR INITIATING DEVICE, IN-DUCT MOUNTED TYPE AT DUCTED SUPPLY AIR FIRE/SMOKE DAMPERS.
	PROJECTED BEAM SMOKE DETECTOR INITIATING DEVICES TO INCLUDE TRANSMITTER, RECEIVER AND REMOTE INDICATOR STATION, WALL MOUNTED IN FLUSH JUNCTION BOX BELOW BEAM DETECTOR AT +42" AFF. BEAM DETECTORS ARE EITHER CEILING OR WALL MOUNTED 6" BELOW CEILING.
	HEAT DETECTOR INITIATING DEVICE, CEILING MOUNTED IN FLUSH OR SURFACE JUNCTION BOX.
	HEAT DETECTOR INITIATING DEVICE, WALL MOUNTED IN FLUSH JUNCTION BOX, MAXIMUM 6" BELOW CEILING.
	HEAT DETECTOR INITIATING DEVICE, MOUNTED TO STRUCTURE ABOVE SUSPENDED CEILING IN SURFACE JUNCTION BOX.
	MANUAL PULL STATION INITIATING DEVICE, WALL MOUNTED AT +48" UON.
	SPRINKLER SYSTEM WATER FLOW SWITCH, NIEC. SYMBOL DENOTES INTERFACE FOR MONITORING CONNECTION FROM FIRE ALARM SYSTEM.
	SPRINKLER SYSTEM TAMPER SWITCH, NIEC. SYMBOL DENOTES INTERFACE FOR MONITORING CONNECTION FROM FIRE ALARM SYSTEM.
	SPRINKLER SYSTEM POST INDICATING VALVE 'PIV', NIEC. SYMBOL DENOTES INTERFACE FOR MONITORING CONNECTION FROM FIRE ALARM SYSTEM. INCLUDE A REMOTE MOUNTED ADDRESSABLE MONITORING MODULE AT PIV.
	REMOTE MOUNTED SINGLE INPUT, ADDRESSABLE, MONITORING MODULE FOR INITIATING CIRCUIT CONNECTION.
	REMOTE MOUNTED DUAL INPUT, ADDRESSABLE, MONITORING MODULE FOR INITIATING CIRCUIT CONNECTION.
	REMOTE MOUNTED PROGRAMMABLE CONTROL RELAY MODULE FOR ADDRESSABLE CONTROL.
	DIFFERENTIAL PRESSURE SWITCH, NIEC. SYMBOLS DENOTES INTERFACE FOR MONITORING CONNECTION FROM FIRE ALARM SYSTEM TO ANNUNCIATE FAN OPERATION. INCLUDE A REMOTE MOUNTED ADDRESSABLE MONITORING MODULE AT EACH LOCATION.
	END-OF-LINE RESISTOR.
	CURRENT TRANSFORMER FOR MONITORING AVAILABLE POWER.
	FIREMANS REMOTE ANNUNCIATOR PANEL FRAP, FLUSH WALL MOUNTED, +42" UON.
	MAGNETIC TYPE DOOR HOLD OPEN/RELEASE DEVICE, WALL MOUNTED, NIEC. SYMBOL DENOTES INTERFACE FOR POWER AND CONTROL CONNECTIONS FROM FIRE ALARM SYSTEM.
	DOOR HOLD OPEN/RELEASE DEVICE INTEGRATED IN DOOR HARDWARE CLOSURE EQUIPMENT, NIEC. SYMBOL DENOTES INTERFACE FOR POWER AND CONTROL CONNECTIONS FROM FIRE ALARM SYSTEM.
	AUDIBLE NOTIFICATION APPLIANCE, WALL MOUNTED, 6" BELOW CEILING OR +80" AFF, WHICHEVER IS LOWER.
	VISIBLE NOTIFICATION APPLIANCE, WALL MOUNTED, 6" BELOW CEILING OR +80" AFF, WHICHEVER IS LOWER. NUMBER ASSOCIATED WITH 'cf' REPRESENTS CANDELA RATING OF STROBE.
	AUDIBLE/VISIBLE NOTIFICATION APPLIANCE, WALL MOUNTED, 6" BELOW CEILING OR +80" AFF, WHICHEVER IS LOWER. NUMBER ASSOCIATED WITH 'cf' REPRESENTS CANDELA RATING OF STROBE.
	AUDIBLE NOTIFICATION APPLIANCE, CEILING MOUNTED IN FLUSH BACK BOX.
	VISIBLE NOTIFICATION APPLIANCE, CEILING MOUNTED IN FLUSH BACK BOX. NUMBER ASSOCIATED WITH 'cf' REPRESENTS CANDELA RATING OF STROBE.
	AUDIBLE/VISIBLE NOTIFICATION APPLIANCE, CEILING MOUNTED IN FLUSH BACK BOX. NUMBER ASSOCIATED WITH 'cf' REPRESENTS CANDELA RATING OF STROBE.
	FIRE ALARM BELL FOR SPRINKLER FLOW ANNUNCIATOR, NIEC. POWERED AND INSTALLED BY ELECTRICAL, WALL MOUNTED ON EXTERIOR OF BUILDING.
	THERMISTOR SENSOR DEVICE IN FSAE LOBBIES FOR TEMPERATURE MONITORING, WALL MOUNTED 6" BELOW CEILING.
	SMOKE ALARM FOR RESIDENTIAL DWELLING UNITS, NON-ADDRESSABLE, 120V DEVICE WITH BATTERY BACK-UP, CEILING MOUNTED IN FLUSH OR SURFACE JUNCTION BOX.
	SMOKE ALARM FOR RESIDENTIAL DWELLING UNITS, NON-ADDRESSABLE, 120V DEVICE WITH BATTERY BACK-UP, WALL MOUNTED MAXIMUM 6" BELOW CEILING IN FLUSH JUNCTION BOX.
	COMBINATION SMOKE AND CARBON MONOXIDE ALARM FOR RESIDENTIAL DWELLING UNITS, NON-ADDRESSABLE, 120V DEVICE WITH BATTERY BACK-UP, CEILING MOUNTED IN FLUSH OR SURFACE JUNCTION BOX.
	COMBINATION SMOKE AND CARBON MONOXIDE ALARM FOR RESIDENTIAL DWELLING UNITS, NON-ADDRESSABLE, 120V DEVICE WITH BATTERY BACK-UP, WALL MOUNTED MAXIMUM 6" BELOW CEILING IN FLUSH JUNCTION BOX.
	REMOTE 2-WAY COMMUNICATION STATION, WALL MOUNTED, +42" AFF.

RACEWAYS	
	CONDUIT RUN EXPOSED ON WALL OR CEILING.
	CONDUIT RUN CONCEALED IN SLAB, UNDER SLAB OR UNDERGROUND.
	CONDUIT RUN CONCEALED IN WALL OR ABOVE CEILING.
	CONDUIT HOMERUN, CONTINUOUS RUN TO PANEL OR EQUIPMENT CABINET. HOMERUN CAN OCCUR ON ANY OF THE ABOVE ROUTING CONDITIONS.
	CONDUIT TURNED UP, CAN OCCUR ON ANY OF THE ABOVE ROUTING CONDITIONS.
	CONDUIT TURNED DOWN, CAN OCCUR ON ANY OF THE ABOVE ROUTING CONDITIONS.
	CONDUIT CAPPED OR STUBBED WITH INSULATED BUSHINGS, CAN OCCUR ON ANY OF THE ABOVE ROUTING CONDITIONS.
	CONDUIT SLEEVE, WITH INSULATING BUSHINGS.
	FLEXIBLE METALLIC CONDUIT, EQUIPMENT CONNECTION.
	CROSSMARKS ON BRANCH CIRCUIT CONDUIT RUNS INDICATE THE QUANTITY OF CONDUCTORS AS FOLLOWS (GROUND CONDUCTORS ARE NOT NOTED, BUT SHOULD BE INCLUDED IN EVERY CONDUIT WITH POWER CONDUCTORS):
	1. NO CROSSMARKS INDICATES TWO #12 AWG CONDUCTORS, UON. 2. THREE TO SIX CROSSMARKS INDICATES THE QUANTITY OF #12 AWG CONDUCTORS, UON. 3. SEVEN OR MORE CROSSMARKS INDICATES THE QUANTITY OF #10 AWG CONDUCTORS, UON.
	TWO PIECE SURFACE RACEWAY, TYPE, DEVICE SPACING AND MOUNTING AS NOTED ON PLANS.
	CABLE TRAY, CABLE RUNWAY OR LADDER RACK SUSPENDED FROM STRUCTURE ABOVE. REFER TO PLANS FOR SIZE AND MOUNTING.

ABBREVIATIONS		
A	AMPERES	LCP LIGHTING CONTROL PANEL
AFI	ARC FAULT CIRCUIT INTERRUPTER	MBGB MAIN BUILDING GROUND BUS
AF	AMPERE OVERCURRENT FRAME SIZE (WHEN APPLIED TO CIRCUIT BREAKERS) OR AMPERE FUSE SIZE (WHEN APPLIED TO FUSES)	MCB MAIN CIRCUIT BREAKER
AFF	ABOVE FINISHED FLOOR	MCC MOTOR CONTROL CENTER
AIC	ASYMMETRIC INTERRUPTING CURRENT	MLO MAIN LUGS ONLY
AL	ALUMINUM	MT EMPTY
AT	AMPERE OVERCURRENT TRIP (WHEN APPLIED TO CIRCUIT BREAKERS)	MTS MANUAL TRANSFER SWITCH
ATS	AUTOMATIC TRANSFER SWITCH	(N) NEW
BAS	BUILDING AUTOMATION SYSTEM	NC NORMALLY CLOSED
BPS	BOLTED PRESSURE CONTACT SWITCH	NF NON-FUSED
C	CONDUIT	NIEC NOT IN ELECTRICAL CONTRACT
CCTV	CLOSED CIRCUIT TELEVISION	NO NORMALLY OPEN
CEC	CALIFORNIA ELECTRICAL CODE	NTS NOT TO SCALE
CL	CURRENT LIMITING CIRCUIT BREAKER OR FUSE	OC ON CENTER
CP	CIRCULATION PUMP	OFCl OWNER FURNISHED CONTRACTOR INSTALLED
CT	CURRENT TRANSFORMER	PDZ PRIMARY DAYLIGHT ZONE
CU	COPPER	PNL PANEL
DF	DRINKING FOUNTAIN	PQM POWER QUALITY METER
(E)	EXISTING TO REMAIN	PT POTENTIAL TRANSFORMER
EC	ELECTRICAL CONTRACTOR	PVC POLYVINYL CHLORIDE
EF	EXHAUST FAN	(R) EXISTING TO BE REMOVED
EP	EXPLOSION PROOF	(RR) REMOVE AND RELOCATE
EPO	EMERGENCY POWER OFF	SAD SEE ARCHITECTURAL DRAWINGS
EMT	ELECTRICAL METALLIC TUBING	TC TIME CLOCK
EWH	ELECTRIC WATER HEATER	TP TWISTED-PAIR
F	FUSED	SDZ SECONDARY DAYLIGHT ZONE
(F)	FUTURE	SPD SURGE PROTECTION DEVICE
FACP	FIRE ALARM CONTROL PANEL	TX TRANSFORMER
FFCP	FIREMANS FAN CONTROL PANEL	UNON UNLESS OTHERWISE NOTED
FLA	FULL LOAD AMPERES	UPS UNINTERRUPTIBLE POWER SUPPLY
FMC	FLEXIBLE METAL CONDUIT	V VOLTS
FSD	FIRE/SMOKE DAMPER	VA VOLTS-AMPS
FRAP	FIREMANS REMOTE ANNUNCIATOR PANEL	VFD VARIABLE FREQUENCY DRIVE
G	GROUND	VM VENDING MACHINE
GB	GROUND BUS	WAP WIRELESS ACCESS POINT
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	WP WEATHERPROOF
GND	GROUND	2SP TWO SPEED
GRAP	GENERATOR REMOTE ANNUNCIATOR PANEL	1Ø 1-PHASE
GRC	GALVANIZED RIGID CONDUIT	3Ø 3-PHASE
HNC	HOME NETWORK CABINET	1P 1-POLE
HPC	HIGH PRESSURE CONTACT SWITCH	2P 2-POLE
IG	ISOLATED GROUND	3P 3-POLE
IMC	INTERMEDIATE METAL CONDUIT	3W 3-WIRE
		4W 4-WIRE

APPLIANCES			
DO	DOUBLE OVEN	MW	MICROWAVE
DW	DISHWASHER	RF	REFRIGERATOR
ED	ELECTRIC DRYER	RH	RANGE HOOD
EO	ELECTRIC OVEN/RANGE	UR	UNDERCOUNTER REFRIGERATOR
GD	GARBAGE DISPOSER	WC	WINE COOLER
GR	GAS RANGE	WM	WASHING MACHINE

CONVENTIONS	
	NUMBERED NOTE, APPLIES TO ALL DRAWINGS.
	NUMBERED SHEET NOTE, APPLIES TO DRAWING CONTAINING NOTES ONLY.
	OVERCURRENT PROTECTIVE DEVICE SPACE IDENTIFICATION TAG. REFERS TO LOCATION OF PROTECTIVE OR CONTROL DEVICE WITHIN SWITCHBOARDS, DISTRIBUTION BOARDS, MOTOR CONTROL CENTERS, ETC.
	EQUIPMENT IDENTIFICATION TAG. ITEM FURNISHED AND INSTALLED UNDER ANOTHER SECTION AND WIRED UNDER THIS SECTION.
	FEEDER SIZE. REFER TO FEEDER SCHEDULE.
	DETAIL REFERENCE. DETAIL DESIGNATION SHEET NUMBER
	FIXTURE IDENTIFICATION TAG. FIXTURE TYPE QUANTITY

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP. 02-118024 INC.  
REVIEWED FOR  
DATE: 02/27/2020  
REVIEWED FOR  
DATE: \_\_\_\_\_

**The Engineering Enterprise**  
CONSULTING ENGINEERS  
1125 HIGH STREET  
AUBURN, CA 95603  
(530) 886-8556

REGISTERED PROFESSIONAL ENGINEER  
No. E01549  
Exp. 06/30/21  
SCOTT WHEELER  
ELECTRICAL  
STATE OF CALIFORNIA

**Turner Academy at Oak Colony**  
**13520 Live Oak Rd, Lodi, CA 95240**

REVISIONS		
#	DESCRIPTION	DATE

DESIGNER: Designer

SCALE:

DATE: 2019.12.20

TITLE:  
**FIRE ALARM SYMBOLS, NOTES, AND MATRIX**

DRAWING NO.  
**E0.00**



**NUMBERED SHEET NOTES**

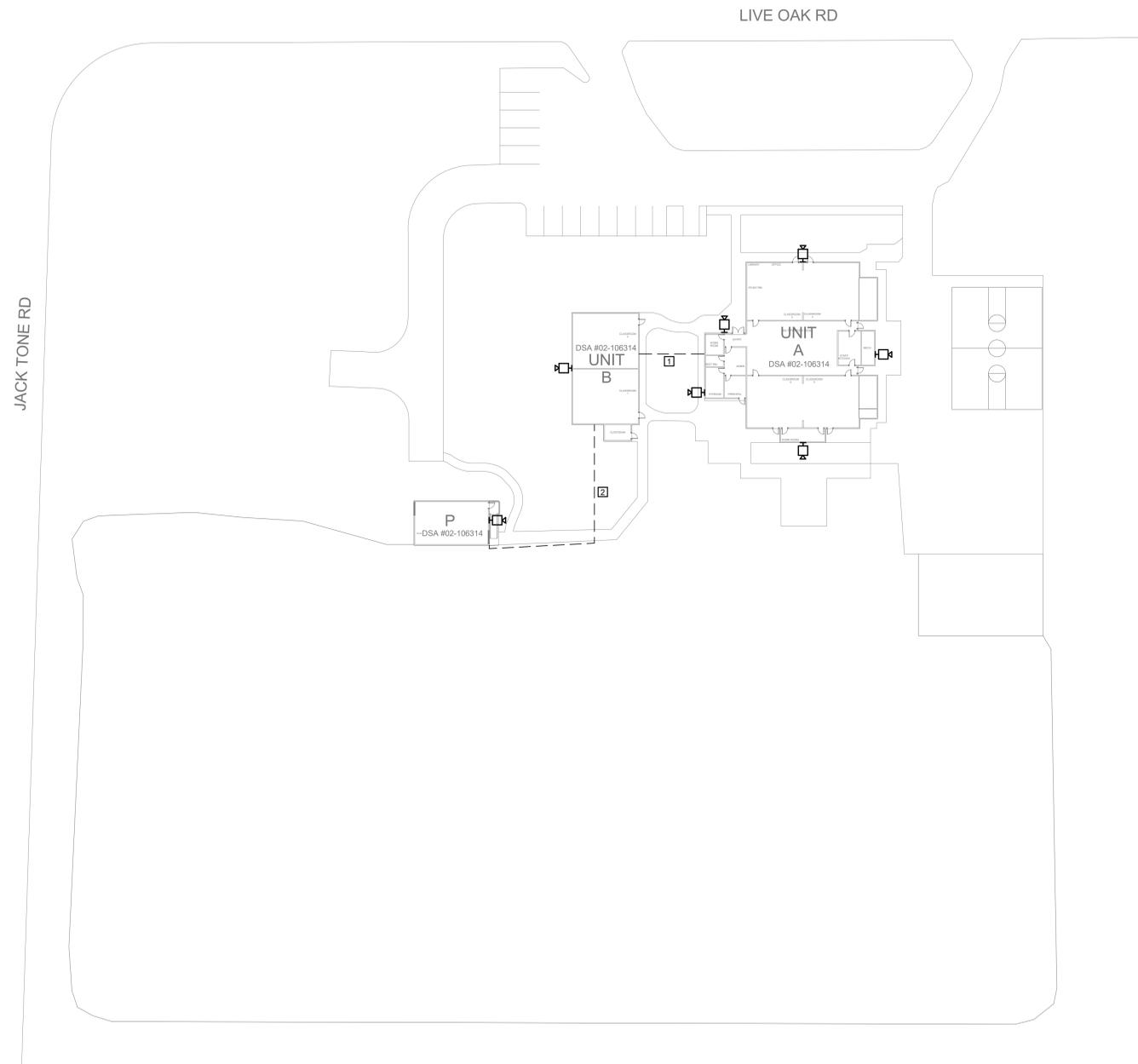
- 1 EXISTING PATHWAYS.
- 2 TRENCHING REQUIRED. PROVIDE TWO 1" CONDUIT (UG) FROM BLDG. A TO BLDG B.

IDENTIFICATION STAMP  
 DIV. OF THE STATE ARCHITECT  
 APP. 02-118024 INC.  
 REVIEWED FOR  
 SS  FLS  ACS   
 APPL. # 02-1  
 DATE: 02/27/2020  
 REVIEWED FOR  
 SS \_\_\_\_\_ FLS \_\_\_\_\_ ACS \_\_\_\_\_  
 DATE: \_\_\_\_\_

**The Engineering Enterprise**  
 CONSULTING ENGINEERS  
 1125 HIGH STREET  
 AUBURN, CA 95603  
 (530) 886-8556



**Turner Academy at Okay Colony**  
**13520 Live Oak Rd, Lodi, CA 95240**



**1 FIRE ALARM SITE PLAN**  
 SCALE: 1/32" = 1'-0"

**REVISIONS**

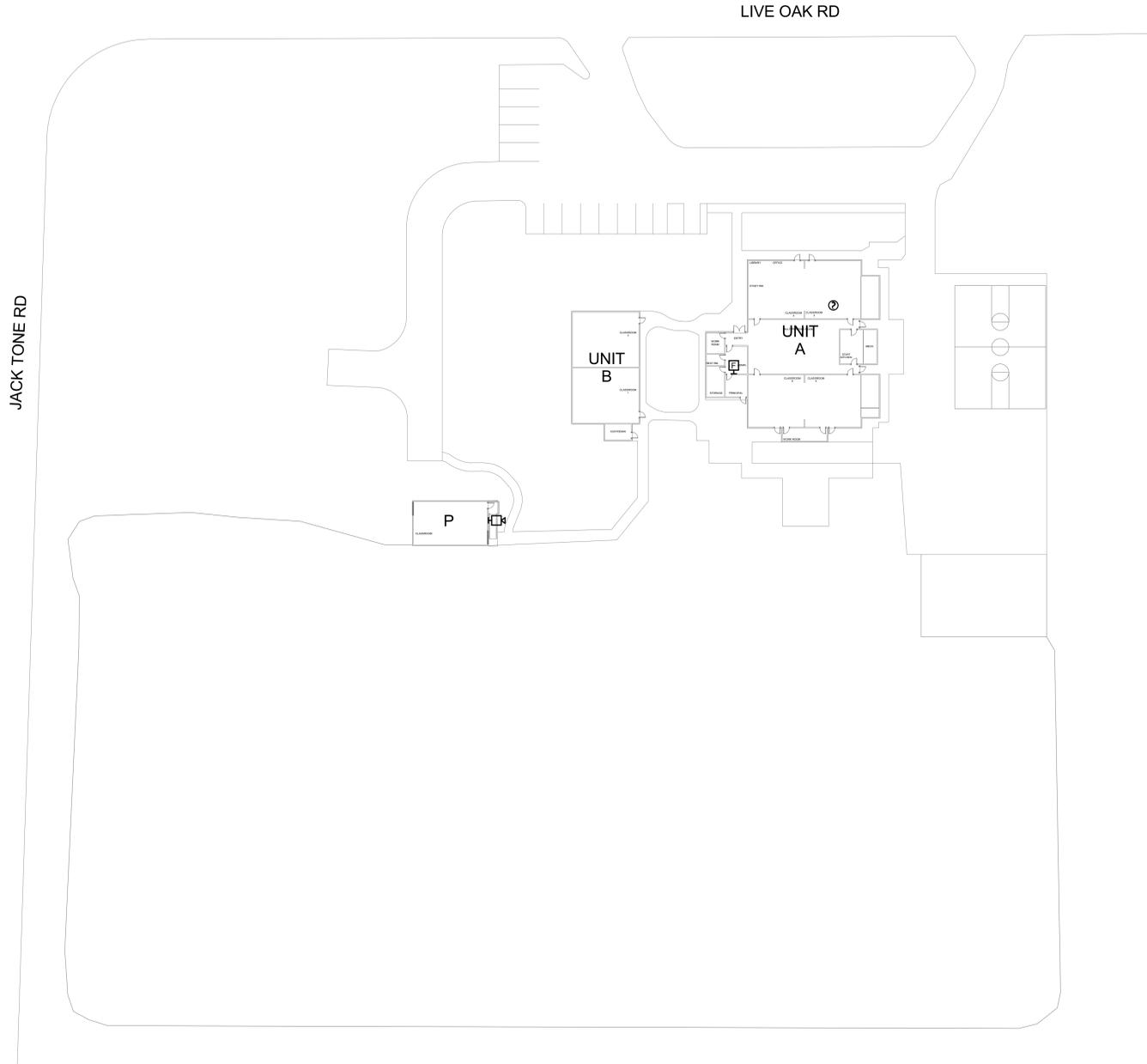
#	DESCRIPTION	DATE

**DESIGNER:**  
**SCALE:** 1/32" = 1'-0"  
**DATE:** 2019.12.20  
**TITLE:**  
**SITE PLAN**  
**DRAWING NO.**  
**E1.00**









**1** FIRE ALARM DEMO - SITE PLAN  
SCALE: 1/32" = 1'-0"

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP. 02-118024 INC.  
REVIEWED FOR  
IDENTIFICATION STAMP FLS  ACS   
DIV. OF THE STATE ARCHITECTS  
APPL. # 02-118024 DATE 02/27/2020 INC. #  
REVIEWED FOR  
SS \_\_\_\_\_ FLS \_\_\_\_\_ ACS \_\_\_\_\_  
DATE: \_\_\_\_\_

**The Engineering Enterprise**  
CONSULTING ENGINEERS  
1125 HIGH STREET  
AUBURN, CA 95603  
(530) 886-8556



**Turner Academy at Tokay Colony**  
**13520 Live Oak Rd, Lodi, CA 95240**

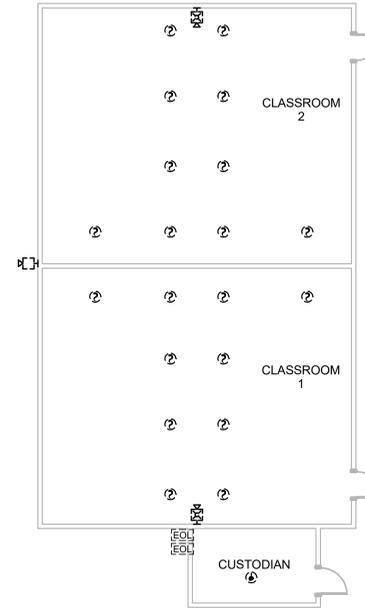
**REVISIONS**

#	DESCRIPTION	DATE

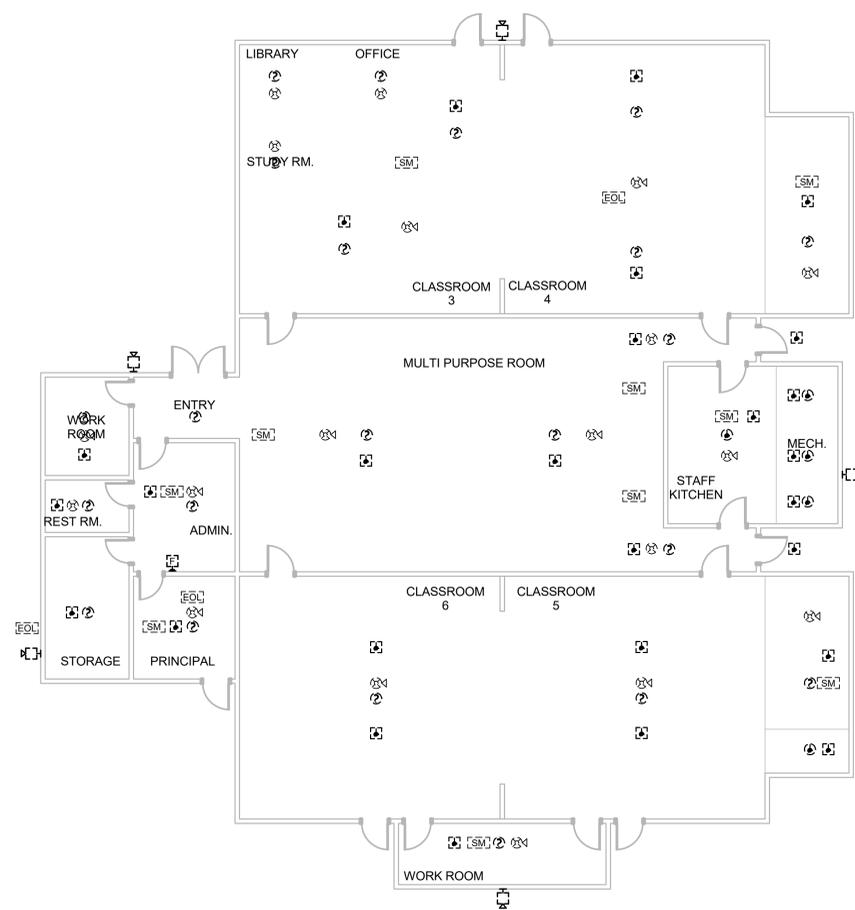
**DESIGNER:**  
**SCALE:** 1/32" = 1'-0"  
**DATE:** 2019.12.20  
**TITLE:**  
**FIRE ALARM DEMO  
PLAN - SITE PLAN**  
**DRAWING NO.**  
**ED1.00**

**GENERAL SHEET NOTES**

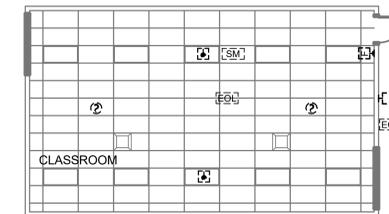
- A. TO REMOVE ALL UNUSED DEVICES, CIRCUITRY AND CONDUIT BACK TO SOURCE.
- B. WHEN A DEVICE IS REMOVED FROM AN EXISTING WALL WHICH WILL REMAIN, PATCH WALL TO MATCH EXISTING OR NEW FINISH.
- C. WHERE EXISTING FIRE ALARM DEVICES ARE TO BE REMOVED, THE CONTRACTOR SHALL ALSO REMOVE ALL CONDUCTORS SERVING THE DEVICE. ABANDONED CONDUITS AND BOXES CAN BE RE-USED TO PULL NEW CONDUCTORS THROUGH FOR SERVICE DEVICES DOWN STREAM. DO NOT SPLICE IN ABANDONED DEVICE BOXES.
- D. REMOVE ALL UNUSED FIRE ALARM CONTROL PANELS, BOOSTER PANELS AND REMOTE ANNUNCIATORS.



**2 Building B Fire Alarm Demolition Plan**  
SCALE: 1/8" = 1'-0"



**1 Building A Fire Alarm Demolition Plan**  
SCALE: 1/8" = 1'-0"



**3 Portable 2 Fire Alarm Demolition Plan**  
SCALE: 1/8" = 1'-0"

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP. 02-118024 INC.  
REVIEWED FOR  
IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APPL. # 02-118024 DATE 02/27/2020 INC.#  
REVIEWED FOR  
SS \_\_\_\_\_ FLS \_\_\_\_\_ ACS \_\_\_\_\_  
DATE: \_\_\_\_\_

**The Engineering Enterprise**  
CONSULTING ENGINEERS  
1125 HIGH STREET  
AUBURN, CA 95603  
(530) 886-8556



**Turner Academy at Oak Colony**  
13520 Live Oak Rd, Lodi, CA 95240

**REVISIONS**

#	DESCRIPTION	DATE

DESIGNER: Designer

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

DATE: 2019.12.20

TITLE:  
**FIRE ALARM DEMO PLAN - A, B & PORTABLE**

DRAWING NO.

**ED1.01**