

LODI UNIFIED SCHOOL DISTRICT
2019 FIRE ALARM PROJECTS – PHASE 1

PROJECT NUMBER: 0916-8216
DSA #:02-117200
Heritage Elementary School

PROJECT NUMBER: 0935-8235
DSA #:02-117201
Victor Elementary School

ADDENDUM NO. 1

August 30, 2019

Owner:	Lodi Unified School District 1305 E. Vine Street Lodi, CA 95240
Engineer:	The Engineering Enterprise 1305 Marina Village Parkway Alameda, CA 94501
Project Manager:	Capital Program Management, Inc. 1851 Heritage Lane, Suite 210 Sacramento, CA 95815

This Addendum has been prepared to clarify, modify, delete, or add to the drawings and/or specifications for the above referenced project, and revisions to items listed here shall supersede description thereof prior to the above stated date. All conditions not specifically referenced here shall remain the same. It is the obligation of the Prime Contractor to make subcontractors aware of any items herein that may affect submitted bids.

Acknowledge receipt of this addendum by inserting its number and date in the bidding documents. Failure to do so may subject bidder to disqualification.

All addenda items refer to the plans and specifications unless specifically noted otherwise.

TOTAL PAGES IN THIS ADDENDUM (including attachments): 8

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Victor Elementary School

ADDENDUM NO. 1

PART A - BIDDING AND CONTRACT REQUIREMENTS

- 1.1 The bid date has not changed. Bids are due Thursday, September 5, 2019 by 2:00:00 p.m. at the District Facilities Office, 1305 E. Vine Street Lodi California 95240.

PART B - TECHNICAL REQUIREMENTS

(Not used)

PART C - DRAWINGS

Heritage Elementary School Set:

Replace Drawing Sheet E2.00 in its entirety with attached Drawing Sheet E2.00 Dated 8/30/19.
Replace Drawing Sheet E2.01 in its entirety with attached Drawing Sheet E2.01 Dated 8/30/19
Replace Drawing Sheet E3.00 in its entirety with attached Drawing Sheet E3.00 Dated 8/30/19

Victor Elementary School Set:

Replace Drawing Sheet E2.00 in its entirety with attached Drawing Sheet E2.00 Dated 8/30/19.
Replace Drawing Sheet E3.00 in its entirety with attached Drawing Sheet E3.00 Dated 8/30/19

PART D – RESPONSES TO CONTRACTOR QUESTIONS

(Not used)

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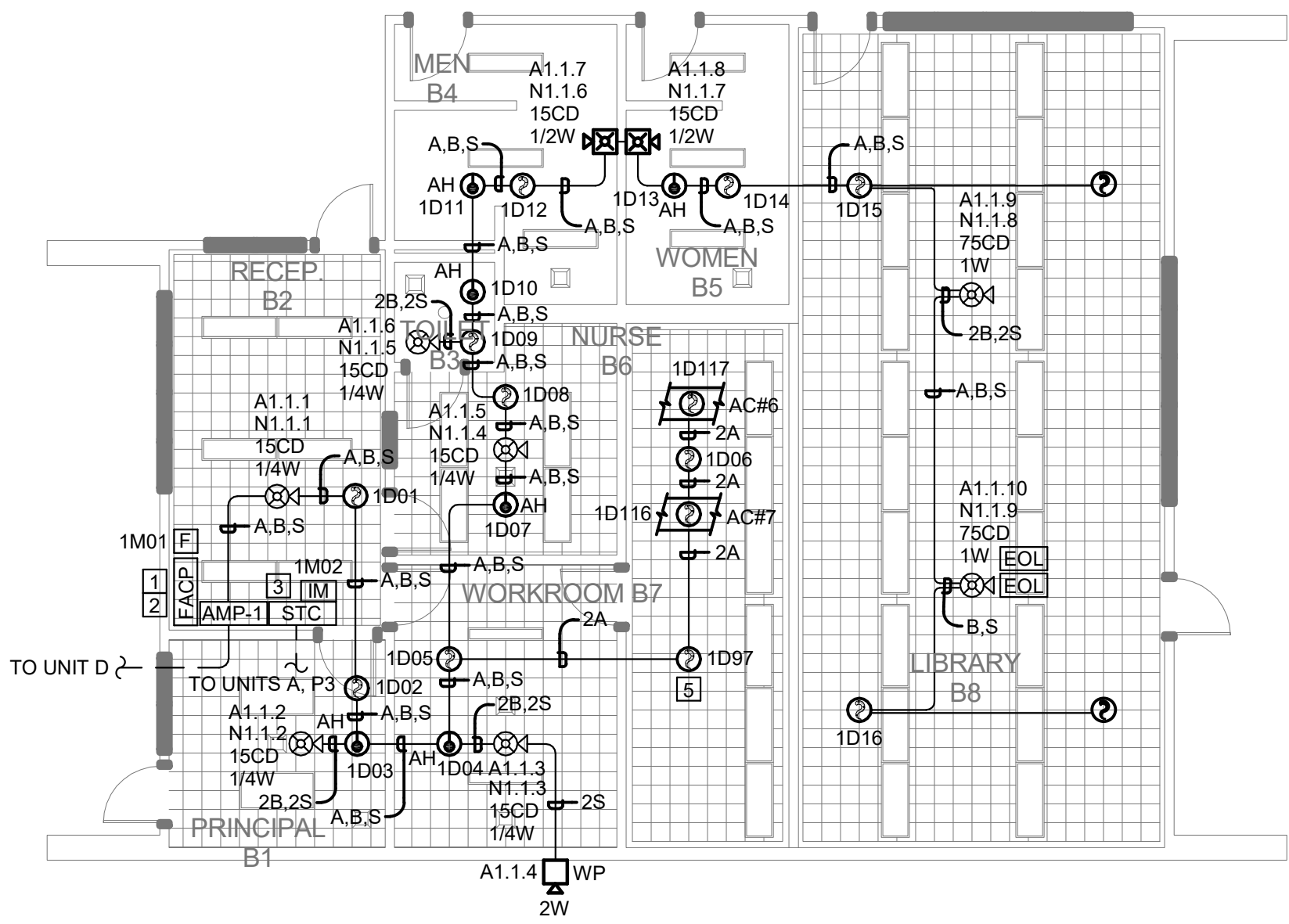
PROJECT NUMBER: 0935-8235
DSA #:02117201
Victor Elementary School

ADDENDUM NO. 1

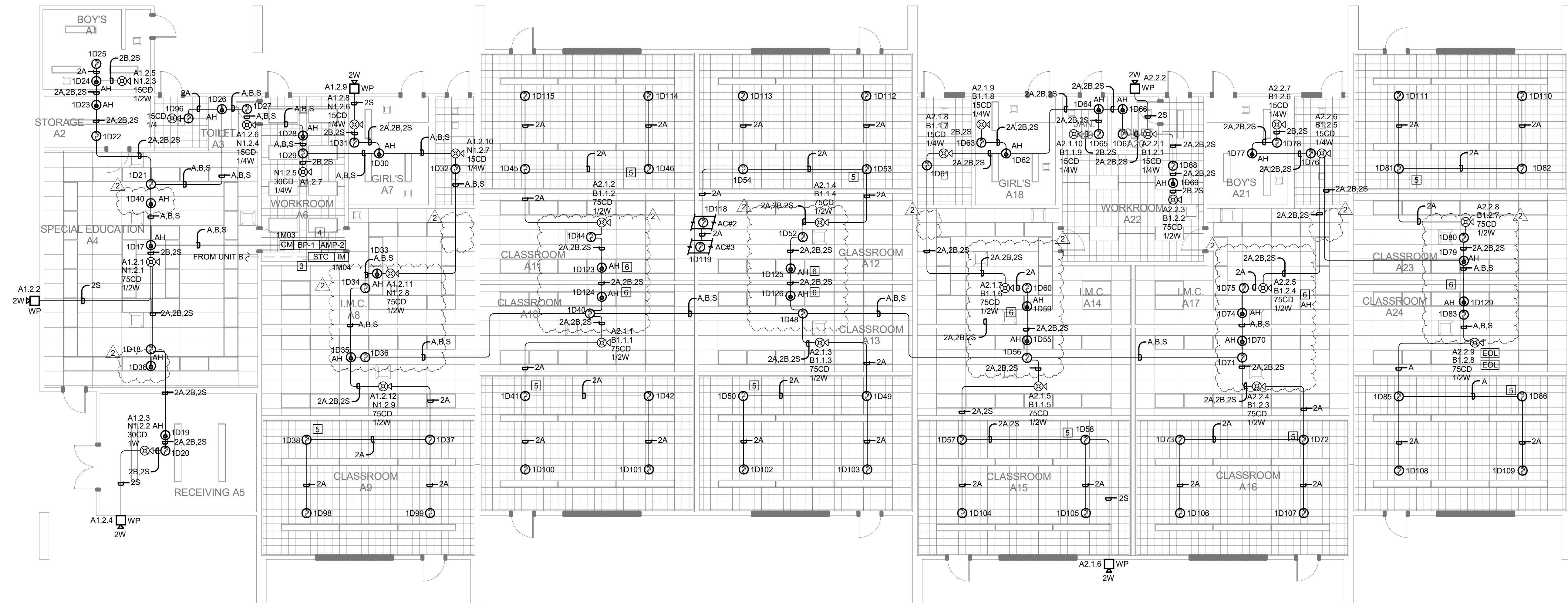
List of Attachments

Heritage-Drawing Sheet E2.00 Dated 8/30/19.
Heritage-Drawing Sheet E2.01 Dated 8/30/19.
Heritage-Drawing Sheet E3.00 Dated 8/30/19.
Victor-Drawing Sheet E2.00 Dated 8/30/19.
Victor-Drawing Sheet E3.00 Dated 8/30/19.

End of Addendum



1 FIRE ALARM PLAN - BUILDING B
SCALE: 1/8" = 1'-0"



2 FIRE ALARM PLAN - BUILDING A
SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

- FIRE ALARM SYSTEM INSTALLATION SHALL COMPLY WITH ALL REQUIREMENTS OF APPLICABLE CODES, STANDARDS AND STATE REGULATIONS.
- FIRE ALARM CIRCUITS AND CIRCUIT ROUTING ARE SHOWN SCHEMATICALLY FOR CLARITY ILLUSTRATING THE WIRING CONFIGURATION NECESSARY FOR PROPER CIRCUIT SUPERVISION.
- COORDINATE CEILING MOUNTED FIRE ALARM DEVICE LOCATIONS WITH NEW LIGHT FIXTURES TO AVOID CONFLICTS.
- DO NOT INSTALL FIRE ALARM DEVICES BACK TO BACK IN STUD WALLS.
- 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.
- ALL SPEAKER, SPEAKER/STROBES SHALL HAVE MINIMUM 0.75" CONDUIT PATHWAYS. USE OF EXISTING 0.5" CONDUIT PATHWAY IS NOT ACCEPTABLE.
- 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 MANUFACTURER'S DESIGNATED BACK BOXES, COLOR TO MATCH DEVICE.
- REFER TO E3.00 FOR RISER DIAGRAMS.
- CONTRACTOR SHALL PROVIDE 120V DEDICATED RED LOCKING CIRCUIT BREAKER PER FIRE ALARM SYSTEM PANELS PER LOCATION.

NUMBERED SHEET NOTES

- NEW FACP AND AMPLIFIER SHALL BE PROVIDED WITH A DEDICATED 120VAC BRANCH CIRCUIT AND OVERCURRENT PROTECTION DEVICE. 120VAC BREAKER SHALL BE PROVIDED WITH A BREAKER LOCK RED IN COLOR AND LABELED "FIRE ALARM".
- PROVIDE ISOLATION MODULES FOR SLC ZONING OF BUILDINGS, A, B, P1-P3.
- PROVIDE SURGE PROTECTION DEVICES FOR ALL POWER-LIMITED FIRE ALARM CIRCUITS EXTENDING BEYOND ONE BUILDING. PROTECTIVE DEVICES SHALL BE PROVIDED AT THE POINT WHERE THE CABLING ENTERS EACH BUILDING.
- NEW NAC BOOSTER AND AMPLIFIER SHALL BE PROVIDED WITH A DEDICATED 120VAC BRANCH CIRCUIT AND OVERCURRENT PROTECTION DEVICE. 120VAC BREAKER SHALL BE PROVIDED WITH A BREAKER LOCK RED IN COLOR AND LABELED "FIRE ALARM".
- SLOPED CEILING, SMOKE DETECTORS TO BE INSTALLED NO MORE THAN 36" FROM WALL.
- DEVICE TO BE PLACED IN OPEN AREA ABOVE ATTIC SPACE.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APPL. # 02-117200 INC. #
REVISED FOR
SS FLS ACS
DATE:

The Engineering Enterprise
CONSULTING ENGINEERS
1305 MARINA VILLAGE PARKWAY
ALAMEDA, CA 94501
(530) 886-8556



LUSD Heritage Elementary School
Fire Alarm Modernization
509 Eden St, Lodi, CA 95240

REVISIONS

#	DESCRIPTION	DATE
2	Addendum 2	06/30/2019
1	Addendum 1	07/29/2019

DESIGNER: Designer

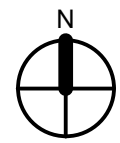
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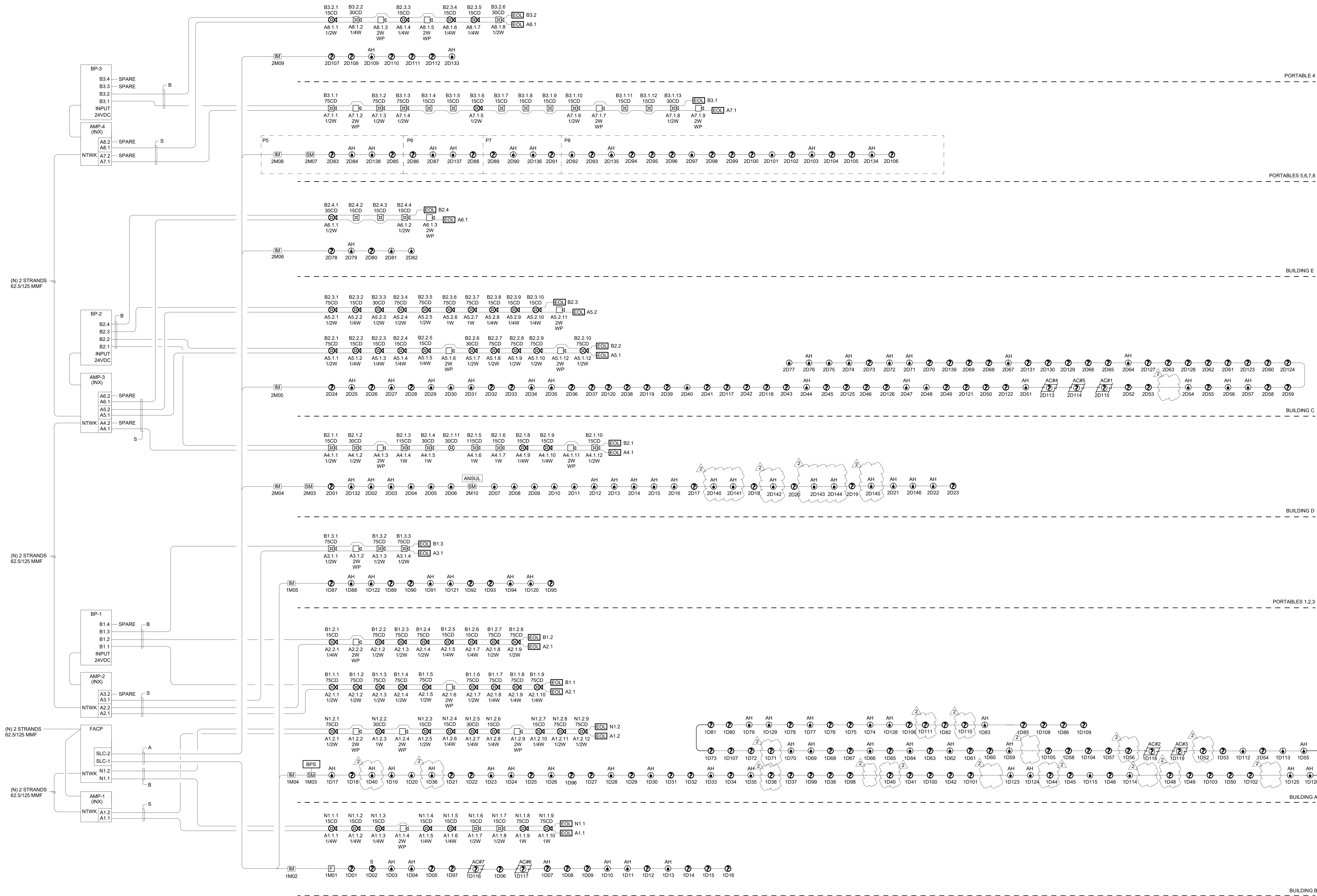
DATE: 12/10/2018

TITLE:
**FIRE ALARM PLAN -
BUILDING A & B**

DRAWING NO.

E2.00





IDENTIFICATION STAMP
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APPL. # 02-117200 INC. #
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SS _____ FLS _____ ACS _____
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The Engineering Enterprise
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**LUSD Heritage Elementary School
Fire Alarm Modernization
509 Eden St, Lodi, CA 95240**

REVISIONS

#	DESCRIPTION	DATE
2	Addendum 2	06/30/2019
1	Addendum 1	07/29/2019

DESIGNER: Designer

SCALE: 12" = 1'-0"

DATE: 12/10/2018

TITLE:
**FIRE ALARM RISER
DIAGRAM**

DRAWING NO.

E3.00



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



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



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

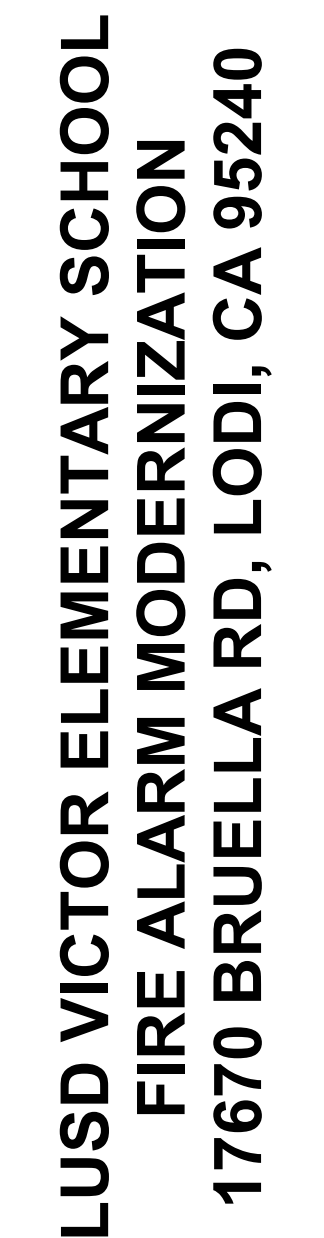


SCALE: 1/8" = 1'-0"

1. FIRE ALARM SYSTEM INSTALLATION SHALL COMPLY WITH ALL REQUIREMENTS OF APPLICABLE CODES, STANDARDS AND STATE REGULATIONS.
2. FIRE ALARM CIRCUITS AND CIRCUIT ROUTING ARE SHOWN SCHEMATICALLY FOR CLARITY ILLUSTRATING THE WIRING CONFIGURATION NECESSARY FOR PROPER CIRCUIT SUPERVISION.
3. COORDINATE CEILING MOUNTED FIRE ALARM DEVICE LOCATIONS WITH NEW LIGHT FIXTURES TO AVOID CONFLICTS.
4. DO NOT INSTALL FIRE ALARM DEVICES BACK TO BACK IN STUD WALLS.
5. INSTALL FIRE ALARM CONDUCTORS IN CONDUIT OR METAL SURFACE WIREMOUNT WHEN IN EXPOSED SPACES. MINIMUM SIZE OF CONDUIT SHALL BE 0.75" UTILITY WIREMOUNT 700 SERIES SURFACE CABLE (IN LIEU OF CONDUIT) FOR AREA WHERE CONDUIT CANNOT BE USED. CONCEALED CABLE SHALL BE INSTALLED IN CONCEALED CEILING CAN BE INSTALLED IN FREE AIR WHEN USING APPLICABLE CABLE. SUPPORT ALL FREE AIR CABLE EVERY 48" WITH J-HOOKS.
6. ALL SPEAKER, SPEAKER/STROBES SHALL HAVE MINIMUM 0.75" CONDUIT PATHWAYS. USE OF EXISTING 0.75" CONDUIT PATHWAYS IS NOT ACCEPTABLE.
7. ENSURE THAT SPEAKER/STROBES ARE MOUNTED IN 5" SQ. X 2.78" DEEP BOX FOR SURFACE MOUNTED DEVICES. FLUSH MOUNTED DEVICES SHALL BE MOUNTED IN THE MANUFACTURERS DESIGNATED BACK BOXES, COLOR TO MATCH DEVICE.
8. REPAIR TO \$3.00 FOR RISER PER LINEAL FOOT.
9. CONTRACTOR SHALL PROVIDE 120V DEDICATED RED LOCKING CIRCUIT BREAKER PER FIRE ALARM SYSTEM PANELS PER LOCATION.
10. 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 CAPABILITY. MESSAGE BOARD SHALL BE PROVIDED. COMMUNICATION WILL BE PROVIDED TO A CENTRAL MONITORING STATION.

- [1] PROVIDE A DEDICATED 120VAC BRANCH CIRCUIT AND OVER CURRENT PROTECTION DEVICE. 120VAC BREAKER SHALL BE PROVIDED WITH A BREAKER LOCK RED IN COLOR AND LABELED "FIRE ALARM".
- [2] PROVIDE ISOLATION MODULES FOR SLC ZONING OF BUILDINGS A, FIRE ALARMS 1/2, & PORTABLE 3.
- [3] PROVIDE SURGE PROTECTION DEVICES FOR ALL POWER/LIMITED B, FIRE ALARMS C. PROVIDE SURGE PROTECTION BEYOND ONE BUILDING. PROTECTIVE DEVICES SHALL BE PROVIDED AT THE POINT WHERE THE CABLING ENTERS EACH BUILDING.
- [4] INSTALL NEW DUCT SMOKE DETECTOR AT ROOF TOP AC UNIT, INSIDE AC UNIT ENCLOSURE. DUCT SMOKE DETECTOR SHALL DETECT SHUTDOWN.
- [5] IF NOT ACCESSIBLE AN ACCESS PANEL IS REQUIRED WHERE (AH) ATTIC AREAS ARE INSTALLED.

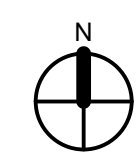
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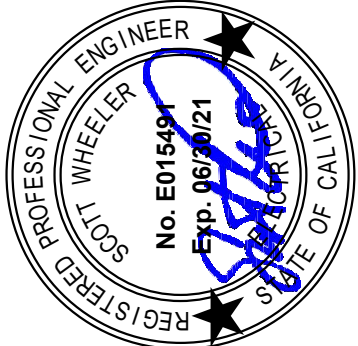
2	Addendum-2	08/30/2019
1	Addendum-1	07/29/2019
#	DESCRIPTION	DATE

TITLE:
FIRE ALARM PLAN -
A, B & PORTABLES
1-3

E2.00



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APPL. # 02-117201 INC. #
REVIEWS FOR
SS: _____ FLS: _____ ACS: _____
DATE: _____



17670 BRUELLA RD, LODI, CA 95240

[illegible]

DESIGNER:	SCALE: NTS	DATE: 12/10/2018	TITLE: FIRE ALARM RISER
DRAWING NO.			E3.00

