

# MONTICELLO ELEMENTARY SCHOOL - H.V.A.C. REPLACEMENT

## JEFFERSON SCHOOL DISTRICT

### PROJECT NAME

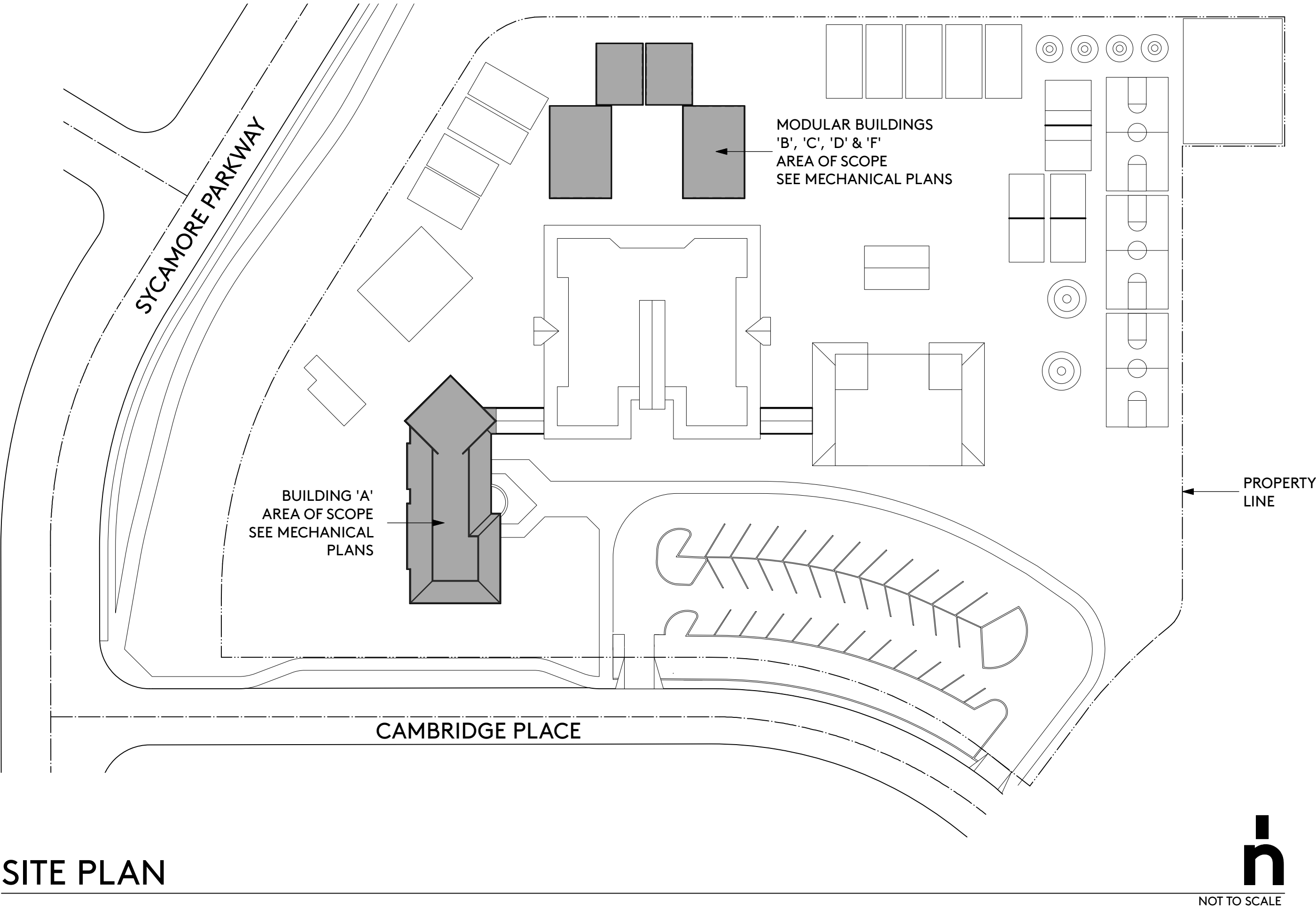
1. THE ARCHITECT OR ENGINEER MAY FIND DEFECTS IN THE WORK AND IF THEY DO, THEY WILL NOTIFY THE CONTRACTOR SO THE ERROR MAY BE CORRECTED. UNDER NO CIRCUMSTANCES IS IT EVER THE INTENT FOR THE ARCHITECT OR ENGINEER TO BECOME A GUARANTOR OF THE CONTRACTOR'S PERFORMANCE BY THESE ACTIVITIES. THE FACT THAT A CONTRACTOR'S ERROR GOES UNDETECTED DURING THE VISIT TO THE SITE DOES NOT MAKE THE ARCHITECT OR ENGINEER NEGLIGENT; THE CONTRACTOR IS NEVER RELIEVED OF THE RESPONSIBILITY FOR THE DISCOVERY OF HIS OWN ERRORS AND THE CORRECTION OF THEM, NOR OF THE RESPONSIBILITY OF PROPERLY PERFORMING THE WORK.
2. THE ARCHITECT OR ENGINEER WILL MAKE VISITS TO THE JOB SITE TO OBSERVE THE PROGRESS OF THE WORK AND TO OBSERVE WHETHER OR NOT IT IS, IN GENERAL, BEING PERFORMED IN ACCORDANCE WITH THEIR PLANS AND SPECIFICATIONS. THIS DOES NOT IN ANY WAY MEAN THAT THE ARCHITECT OR ENGINEER IS A GUARANTOR OF THE CONTRACTOR'S WORK; RESPONSIBILITY FOR SAFETY IN, ON OR ABOUT THE JOB SITE: IN CONTROL OF THE SAFETY OR ADEQUACY OF ANY EQUIPMENT, BUILDING COMPONENT, SCAFFOLDING, FORMS, OR OTHER WORK AIDS: OR SUPERINTENDING THE WORK.
3. DO NOT SCALE DRAWINGS. WORK TO THE DIMENSIONS INDICATED ON THE DRAWINGS. CONTRACTOR SHALL VERIFY THE DIMENSIONS AT THE JOB SITE AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES FOR PROMPT CLARIFICATION.
4. THE EXISTENCE AND LOCATION OF EXISTING UNDERGROUND UTILITIES OR STRUCTURES INDICATED OR NOT ON THE DRAWING ARE OBTAINED BY SEARCH OF AVAILABLE RECORDS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY EXACT LOCATIONS OF THE UTILITIES WITH SCHOOL DISTRICT MAINTENANCE AND OPERATION PERSONNEL. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES AND OTHER STRUCTURES. ANY DAMAGE SHALL BE PROMPTLY RESTORED TO THE SCHOOL DISTRICT'S SATISFACTION.
5. PROVIDE CONSTRUCTION BARRICADES AS REQUIRED TO PROTECT PUBLIC'S HEALTH AND SAFETY INCLUDING WORK UNDER CONSTRUCTION TO THE REQUIREMENTS OF THE SCHOOL DISTRICT. COVER OPEN TRENCHES WITH SOLID MATERIAL.
6. THE CONTRACTOR SHALL PROTECT ADJACENT PROPERTY AND STRUCTURES. ANY DAMAGE SHALL BE PROMPTLY RESTORED TO THE SATISFACTION OF THE OWNER/ARCHITECT, AT CONTRACTOR'S EXPENSE.
7. BIDDERS REQUIRED TO LOOK AT ALL DRAWINGS AND SPECS, NOT JUST THOSE SHEETS OR SECTIONS RESPECTIVE OF THEIR TRADE.
8. A PROJECT INSPECTOR SHALL BE RETAINED BY THE OWNER. THE INSPECTOR SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK AS DESCRIBED IN TITLE 24, PART 1, CALIFORNIA CODE OF REGULATIONS. WORK SHALL NOT COMMENCE WITHOUT THE PRESENCE OF THE INSPECTOR. DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24 C.C.R.; CLASS 1.
9. UNLESS SPECIFIED ON STRUCTURAL OR ARCHITECTURAL DRAWINGS, ANY ALTERATIONS OR MODIFICATIONS TO A STRUCTURAL ELEMENT BY CUTTING, DRILLING, BORING, BRACING, WELDING, ETC. SHALL HAVE WRITTEN APPROVAL BY STRUCTURAL ENGINEER OF RECORD AND DSA PRIOR TO START OF WORK.
10. ALL DETAILS CONTAINED IN THESE CONSTRUCTION DOCUMENTS ARE PART OF THE CONSTRUCTION SCOPE REGARDLESS OF THEM BEING REFERENCED IN THE SET.
12. SAFETY DURING CONSTRUCTION SHALL COMPLY WITH CFC CHAPTER 33
13. DURING CONSTRUCTION, TITLE 24, PART 1-5 OF CBC 2016 MUST BE KEPT ON SITE.
13. ALL WORK SHALL COMPLY TO TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
14. 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, CALIFORNIA CODE OF REGULATIONS, 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, CALIFORNIA CODE OF REGULATIONS, A CHANGE ORDER, OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT BEFORE PROCEEDING WITH THE WORK.  
(REFERENCE: SECTION 4-317 (c), CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR))

### GENERAL NOTES

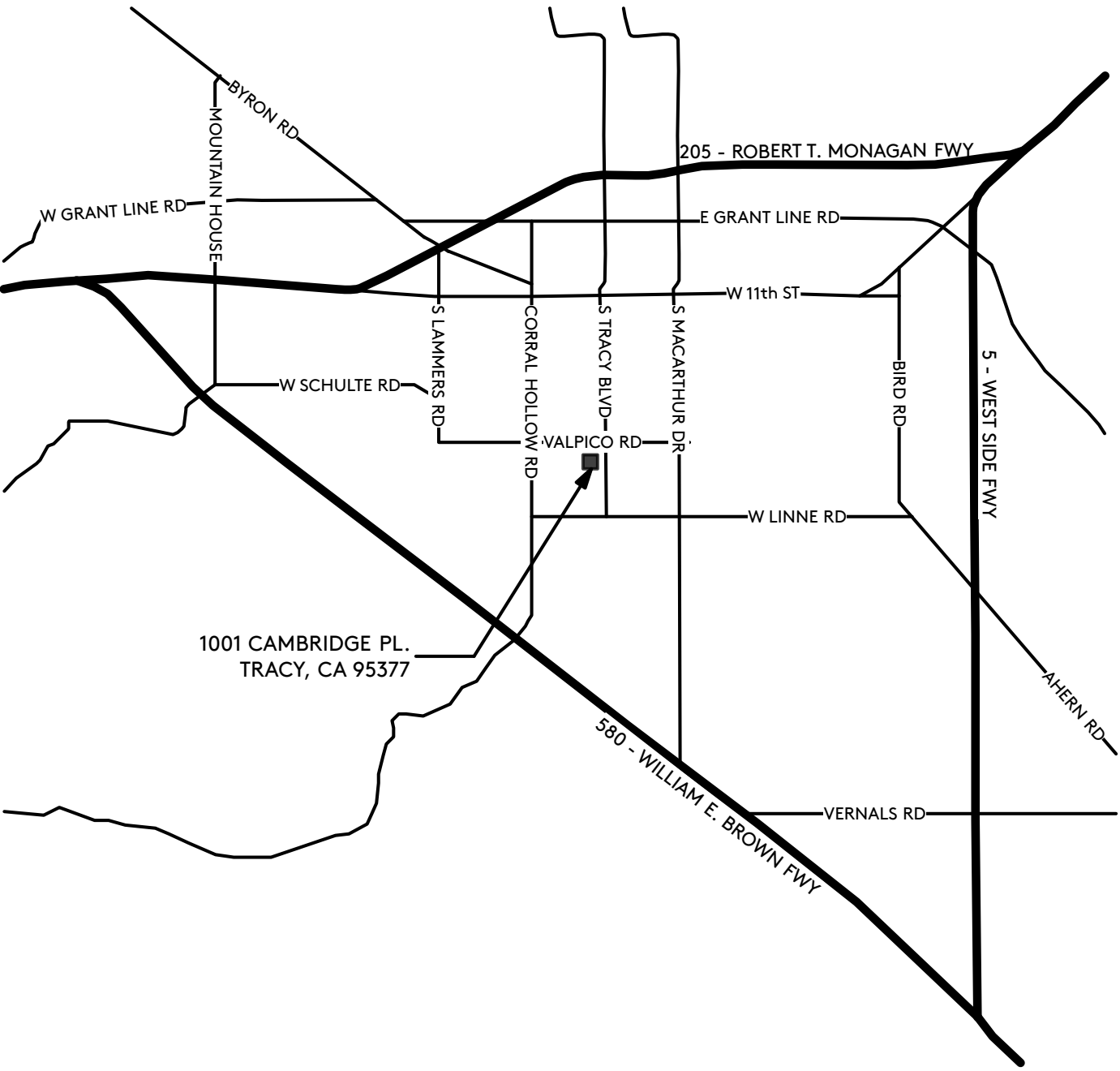
THIS CONSTRUCTION PACKAGE INCLUDES, BUT NOT LIMITED TO THE FOLLOWING:

REPLACEMENT OF (10) EXISTING ROOF-TOP PACKAGED A/C UNITS. (4) IN BUILDING 'A' AND (6) IN MODULAR BUILDINGS 'B', 'C', 'D' & 'F'. THE NEW HIGH-EFFICIENCY A/C UNITS WILL BE OF IDENTICAL CAPACITIES AS EXISTING, THUS NOT REQUIRING CHANGES TO EXISTING CURBS AND INFRASTRUCTURE.

### BRIEF PROJECT SCOPE



### SITE PLAN



### VICINITY MAP

2016	California Administrative Code (CAC), Part 1, Title 24 CCR*	NFPA 13	Standard for the Installation of Sprinkler Systems (CA amended)	2016 Edition
2016	California Building Code (CBC), Part 2, Title 24 CCR (2015 International Building Code, Vol. 1 & 2, and 2016 California amendments)	NFPA 14	Standard for the installation of Standpipe and Hose Systems	2013 Edition
2016	California Electrical Code (CEC), Part 3, Title 24 CCR (2014 National Electrical Code and 2016 California Amendments)	NFPA 17 NFPA 17A NFPA 20	Standard for Dry Chemical Extinguishing Systems Standard for Wet Chemical Extinguishing Systems Standard for the installation of stationary Pumps for Fire Protection	2013 Edition 2013 Edition
2016	California Mechanical Code (CMC), Part 4, Title 24 CCR (2015 IAPMO Uniform Mechanical Code and 2016 California amendments)	NFPA 22 NFPA 24	Standard for Water Tanks for Private Fire Protection Standard for the Installation of Private Fire Service Mains and Their Appurtenances	2016 Edition 2013 Edition
2016	California Plumbing Code (CPC), Part 5, Title 24 CCR (2015 IAPMO Uniform Plumbing Code and 2016 California amendments)	NFPA 72 NFPA 80 NFPA 2001	National Fire Alarm and Signaling Code (CA amended); Standard for Fire Doors and Other Opening Protectives Standard on Clean Agent Fire Extinguishing Systems, Including Accessories	2016 Edition 2016 Edition
2016	California Energy Code (CEC), Part 6, Title 24 CCR	UL 300	Standard for Fire Testing of Fire Extinguishing Systems for Protection of Commercial Cooking Equipment	2015 Edition
2016	California Fire Code (CFC), Part 9, Title 24 CCR (2015 International Fire Code and 2016 California Amendments)	UL 464	Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories	2005 (R2010)
2016	California Existing Building Code (CEBC), Part 10, Title 24 CCR (2015 International Existing Building Code and 2016 California Amendments)	UL 521	Standard for Heat Detectors for Fire Protective Signaling Systems	2003 Edition
2016	California Green Building Standards Code (CALGreen), Part 11, Title 24 CCR	UL 1971 ICC 300	Standard for Signaling Devices for the Hearing Impaired Standard for Bleachers, Folding and Telescopic Seating, and Grandstands	1999 Edition 2002 Edition
2016	California Referenced Standards Code, Part 12, Title 24 CCR			2012 Edition
2013	ASME A17.1/CSA B44-13 Safety Code for Elevators and Escalators			

### APPLICABLE CODES

JEFFERSON SCHOOL DISTRICT  
1219 WHISPERING WIND DRIVE  
TRACY, CA. 95377

(T) 209.836.3388  
(F) 209.836.2930

### OWNER

JAMES BRIDGES, Ed. D.

### SUPERINTENDENT

PETE CARLSON

BRIAN JACKMAN

PHIL RAYA

DAN WELLS

DEBBIE WINGO

### BOARD OF EDUCATION

PJHM ARCHITECTS, INC.

IN ORANGE COUNTY

24461 RIDGE ROUTE DRIVE #100  
LAGUNA HILLS, CA 92653

(T) 949.496.6191  
(F) 949.496.0269

IN LOS ANGELES COUNTY

837 TRACTION AVE #410  
LOS ANGELES, CA 90013

(T) 213.278.0172  
(F) 213.325.7648

### ARCHITECT

PLUMBING / MECHANICAL

POCOCK DESIGN SOLUTIONS  
14551 CHAMBER ROAD, SUITE 210  
TUSTIN, CA 92780  
(T) 949.417.3903  
(F) 949.419.1393

### ENGINEERING CONSULTANTS

ARCHITECTURAL

CS COVER SHEET AND SITE PLAN

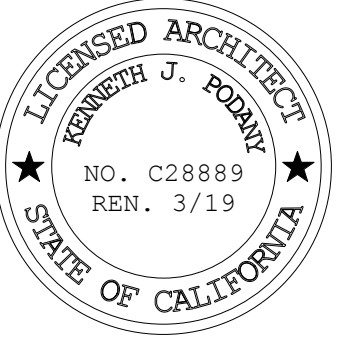
MECHANICAL

M-0.1 MECHANICAL NOTES, SCHEDULES, AND DETAILS  
MD-5.1 MECHANICAL DEMO ROOF PLAN - UNIT 'A'  
MD-5.2 MECHANICAL DEMO ROOF PLAN - MODULAR UNITS 'B', 'C', 'D' & 'F'  
M-5.1 MECHANICAL ROOF PLAN - UNIT 'A'  
M-5.2 MECHANICAL ROOF PLAN - MODULAR UNITS 'B', 'C', 'D' & 'F'  
M-6.1 MECHANICAL TITLE 24 FORMS

### SCHEDULE OF DRAWINGS

TOTAL SHEETS: 7

pjhm  
architects  
www.pjhm.com



MONTICELLO ELEMENTARY SCHOOL  
H.V.A.C. REPLACEMENT

JEFFERSON SCHOOL DISTRICT

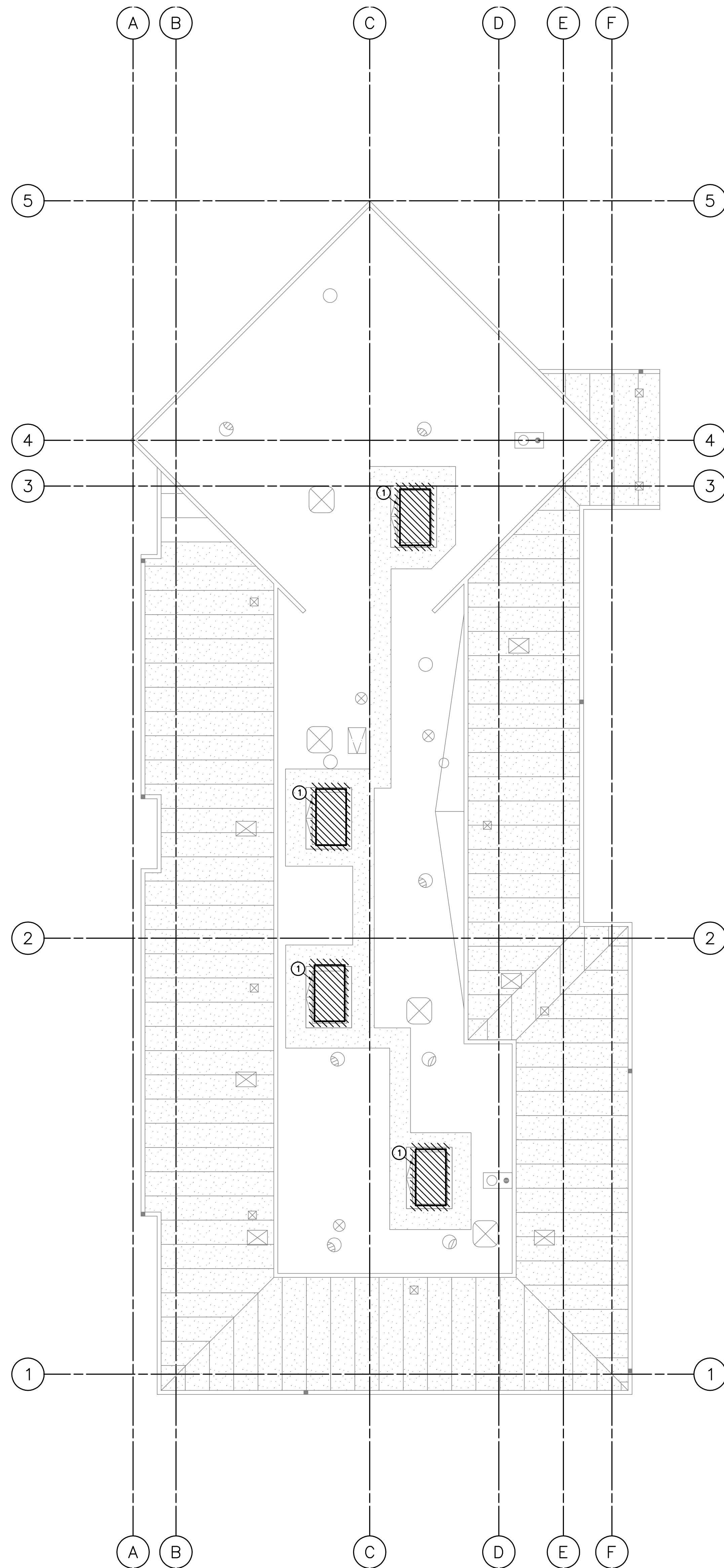
COVER SHEET, SITE PLAN

CS



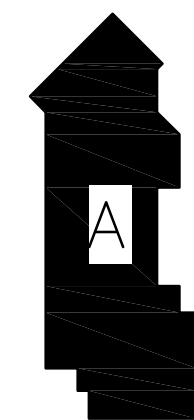




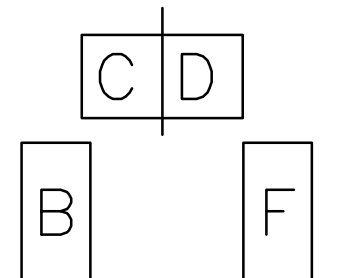


ADMINISTRATION / KINDERGARTEN

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



KEY PLAN

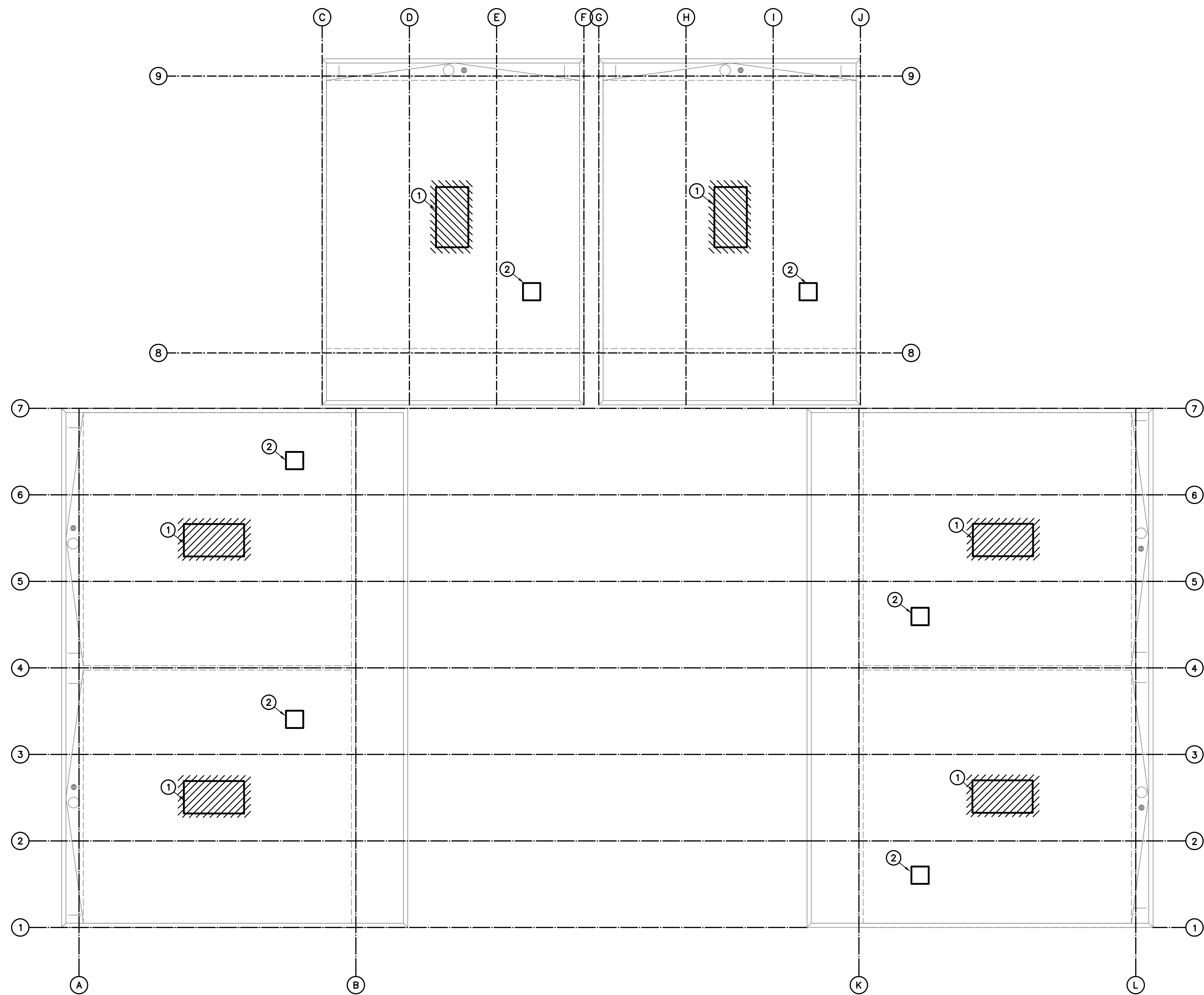


**DEMOLITION NOTES:**

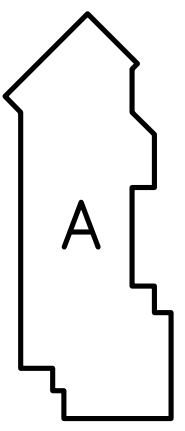
1. DISTRICT SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL ITEMS TO BE REMOVED. CONTRACTOR SHALL VERIFY ALL SUCH ITEMS WITH DISTRICT PRIOR TO REMOVAL. ALL ITEMS NOT REFUSED BY DISTRICT SHALL BE REMOVED INTACT AND FULLY FUNCTIONAL BY CONTRACTOR AND RETURNED TO DISTRICT. ALL ITEMS REFUSED BY DISTRICT SHALL BE PROPERLY DISPOSED OF BY CONTRACTOR.
2. ELECTRICAL CONTRACTOR SHALL DISCONNECT POWER FROM MECHANICAL EQUIPMENT TO BE REMOVED, RELOCATED, RE-USED AND/OR REPLACED AS REQUIRED.
3. PLUMBING CONTRACTOR SHALL DISCONNECT EXISTING CONDENSATE DRAIN FROM MECHANICAL EQUIPMENT TO BE REMOVED AND/OR REPLACED - AS REQUIRED.
4. CONTRACTOR SHALL COORDINATE ALL DEMOLITION WORK WITH THE WORK OF ALL OTHER TRADES.
5. PRIOR TO ANY WORK BEING DONE CONTRACTOR SHALL MAKE A CAREFUL EVALUATION OF THE EXISTING CONDITIONS AND VERIFY ALL METHODS OF REMOVAL AND INSTALLATION OF MECHANICAL EQUIPMENT.

**DEMOLITION KEY NOTES:**

- ① DEMO AND REMOVE EXISTING ROOFTOP AC UNIT. EXISTING ROOF CURB TO REMAIN. DISCONNECT ELECTRICAL, GAS, AND CONDENSATE TO BE RECONNECTED AFTER INSTALLATION OF NEW A/C UNIT.



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



KEY PLAN

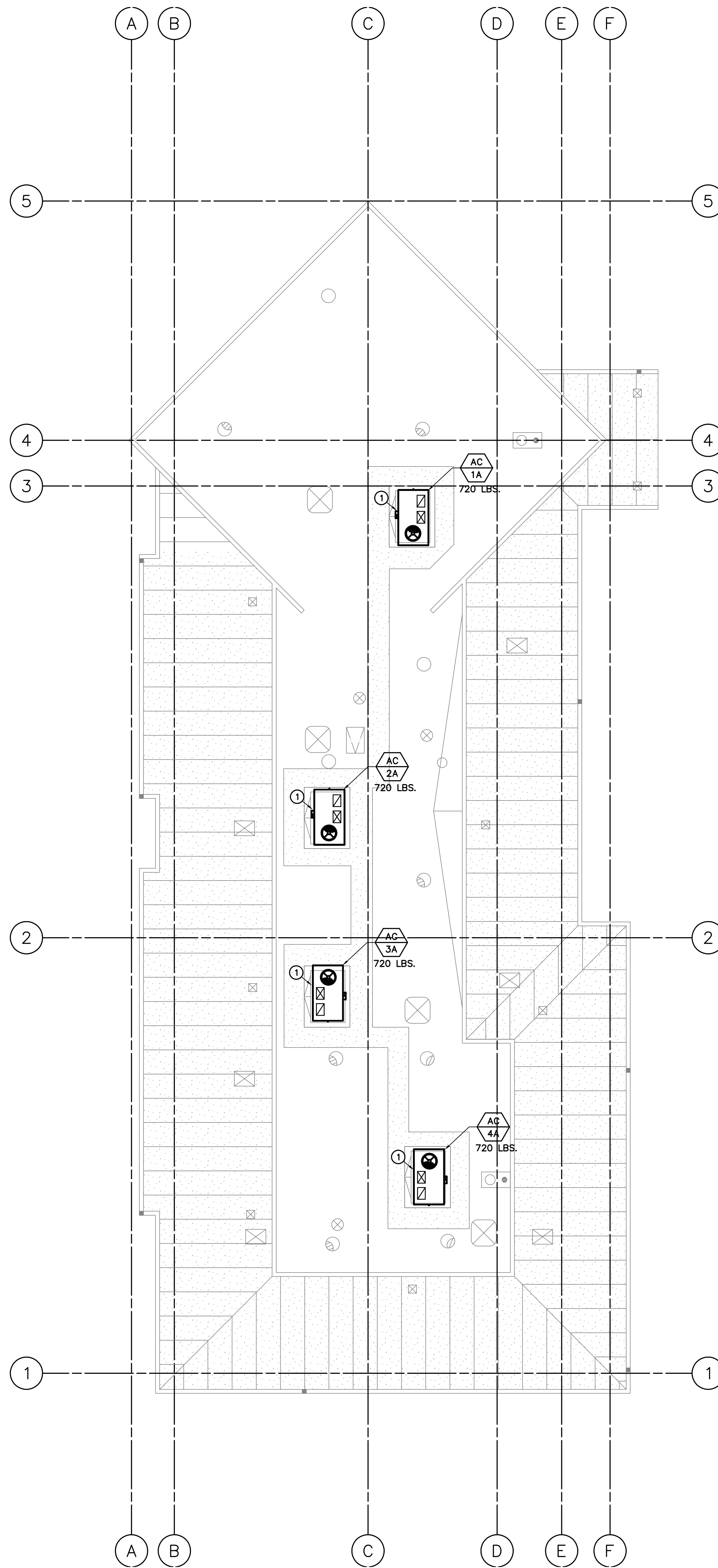
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**DEMOLITION KEY NOTES:**

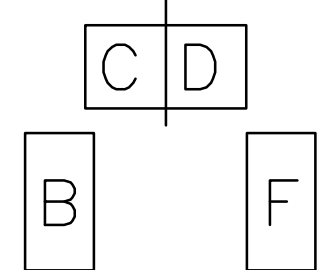
- ① DEMO AND REMOVE EXISTING ROOFTOP A/C UNIT. EXISTING ROOF CURB TO REMAIN. DISCONNECT ELECTRICAL, GAS, AND CONDENSATE TO BE RECONNECTED AFTER INSTALLATION OF NEW A/C UNIT.
- ② EXISTING RELIEF VENT ON ROOF TO REMAIN.





ADMINISTRATION / KINDERGARTEN

- CONSTRUCTION NOTES:**
1. AT THE TIME OF ROUGH INSTALLATION, OR DURING STORAGE ON THE CONSTRUCTION SITE AND UNTIL FINAL STARTUP OF THE HEATING, COOLING AND VENTILATING EQUIPMENT, ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED WITH TAPE, PLASTIC, SHEET METAL, OR OTHER ACCEPTABLE METHODS TO REDUCE THE AMOUNT OF DUCT, WATER, AND DEBRIS WHICH MAY ENTER THE SYSTEM.
  2. CONTRACTOR SHALL COORDINATE WORK WITH OTHER TRADES AS NECESSARY PRIOR TO INSTALLATION.
  3. CONTRACTOR SHALL MAINTAIN PROPER CLEARANCES FROM ALL ELECTRICAL EQUIPMENT AND SERVICE CLEARANCES FOR MECHANICAL EQUIPMENT.
  4. CONDENSATE AND GAS PIPING TO BE RECONNECTED BY PLUMBING DISCIPLINE. SEE PLUMBING DRAWINGS.
  5. ALL OUTSIDE AIR INTAKES SHALL BE A MINIMUM OF 10'-0" AWAY FROM EXISTING EXHAUST FANS, FLUES, AND PLUMBING VENTS.
- CONSTRUCTION KEY NOTES:**
- ① NEW A/C UNIT ON EXISTING ROOF CURB. CONTRACTOR SHALL RECONNECT (E)DUCTWORK, CONDENSATE, GAS, THERMOSTAT, AND ELECTRICAL CONNECTIONS.



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

KEY PLAN



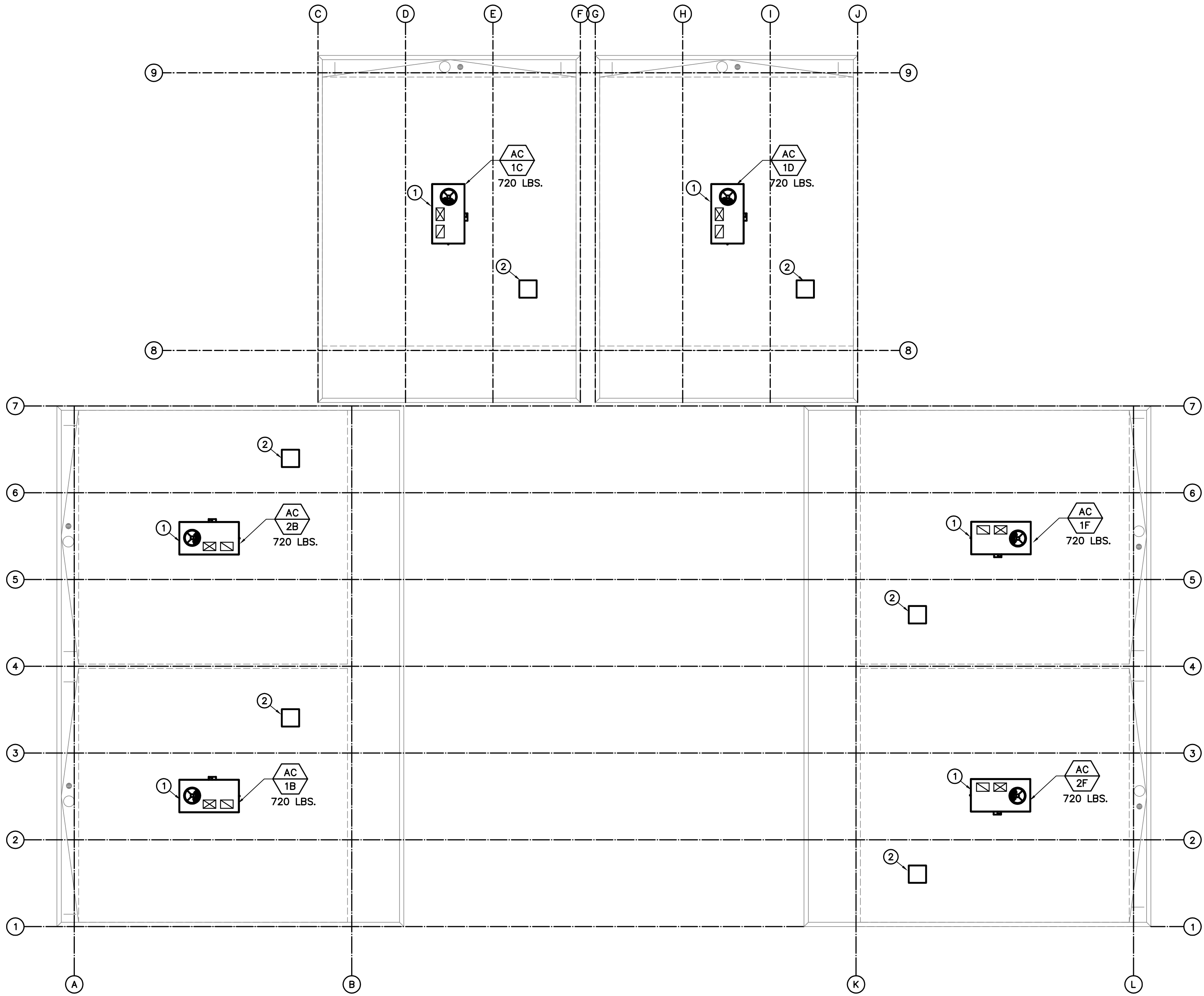
MECHANICAL  
ROOF PLAN - UNIT 'A'

MONTICELLO ELEMENTARY SCHOOL  
MECHANICAL REPLACEMENT

JEFFERSON SCHOOL DISTRICT



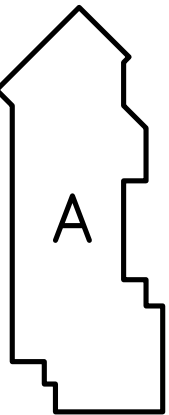
MODULAR UNIT 'B', 'C', 'D' & 'F'



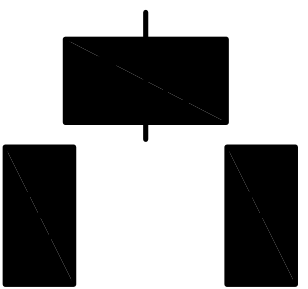
- CONSTRUCTION NOTES:**
1. AT THE TIME OF ROUGH INSTALLATION, OR DURING STORAGE ON THE CONSTRUCTION SITE AND UNTIL FINAL STARTUP OF THE HEATING, COOLING AND VENTILATING EQUIPMENT, ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED WITH TAPE, PLASTIC, SHEET METAL, OR OTHER ACCEPTABLE METHODS TO REDUCE THE AMOUNT OF DUCT, WATER, AND DEBRIS WHICH MAY ENTER THE SYSTEM.
  2. CONTRACTOR SHALL COORDINATE WORK WITH OTHER TRADES AS NECESSARY PRIOR TO INSTALLATION.
  3. CONTRACTOR SHALL MAINTAIN PROPER CLEARANCES FROM ALL ELECTRICAL EQUIPMENT AND SERVICE CLEARANCES FOR MECHANICAL EQUIPMENT.
  4. CONDENSATE AND GAS PIPING TO BE RECONNECTED BY PLUMBING DISCIPLINE. SEE PLUMBING DRAWINGS.
  5. ALL NEW EQUIPMENT SHALL BE MINIMUM 10' FROM EXISTING ROOF EDGE.
  6. ALL OUTSIDE AIR INTAKES SHALL BE A MINIMUM OF 10'-0" AWAY FROM EXISTING EXHAUST FANS, FLUES, AND PLUMBING VENTS.

- CONSTRUCTION KEY NOTES:**
- ① NEW A/C UNIT ON EXISTING ROOF CURB. CONTRACTOR SHALL RECONNECT (E)DUCTWORK, CONDENSATE, GAS, THERMOSTAT, AND ELECTRICAL CONNECTIONS.
  - ② EXISTING RELIEF VENT ON ROOF.

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



KEY PLAN





STATE OF CALIFORNIA  
MECHANICAL SYSTEMS  
CERTIFICATE OF COMPLIANCE  
Mechanical Systems  
Form MCH-01-E  
Title: Mechanical Replacement  
3/22/2019

Documentation Author's Declaration Statement  
I certify that this Certificate of Compliance documentation is accurate and complete.  
Documentation Author Name: Andrew Gosman  
Signature: [Signature]  
Company: Pocock Design Solutions, Inc.  
Address: 14451 Chambers Rd., Ste. 210  
City/State/Zip: Tustin, CA 92780  
Phone: 949-417-3903

Responsible Person's Declaration Statement  
I certify the following under penalty of perjury, under the laws of the State of California:  
1. The information provided on this Certificate of Compliance is true and correct.  
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).  
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.  
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.  
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.  
Responsible Designer Name: Andrew Gosman  
Signature: [Signature]  
Company: Pocock Design Solutions, Inc.  
Address: 14451 Chambers Rd., Ste. 210  
City/State/Zip: Tustin, CA 92780  
Phone: 949-417-3903

STATE OF CALIFORNIA  
MECHANICAL SYSTEMS  
CERTIFICATE OF COMPLIANCE  
Mechanical Systems  
Form MCH-01-E  
Title: Mechanical Replacement  
3/22/2019

C. MECHANICAL HVAC ACCEPTANCE FORMS (check box for required compliance documents)  
Test Performed By:  
Designer:  
This compliance document is to be used by the designer and attached to the plans. Listed below are all the acceptance tests for HVAC systems. The designer is required to check the applicable boxes for all acceptance tests that apply and list all equipment that requires an acceptance test. All equipment of the same type that requires a test, list the equipment description and the number of systems.  
Installing Contractor:  
The contractor who installed the equipment is responsible to either conduct the acceptance test themselves or have a qualified entity run the test for them. If more than one person has responsibility for the acceptance testing, each person shall sign and submit the Certificate of Acceptance applicable to the portion of the construction or installation which they are responsible.  
Enforcement Agency:  
Punches - The NRCC MCH-01-E compliance document is not considered a completed document and is not to be accepted by the building department unless the correct boxes are checked. Inspector: Before occupancy permit is granted all newly installed process systems must be tested to ensure proper operation.  
Test Description: MCH-12-A, MCH-13-A, MCH-14-A, MCH-15-A, MCH-16-A, MCH-17-A, MCH-18-A  
Equipment Requiring Testing or Verification: # of Units, Outdoor Air, Single Zone Unitary, Air Distribution (Ducts), Economizer Controls, Demand Control Ventilation (DCV), Supply Fan VAV, Valve Leakage Test, Supply Water Temp, Reheat, Hydronic System Variable Flow Control, Automatic Demand Based Control, ECMs  
York ZE04BH07 10

STATE OF CALIFORNIA  
MECHANICAL SYSTEMS  
CERTIFICATE OF COMPLIANCE  
Mechanical Systems  
Form MCH-01-E  
Title: Mechanical Replacement  
3/22/2019

E. MECHANICAL HVAC ACCEPTANCE FORMS (check box for required compliance documents)  
Test Performed By:  
Designer:  
This compliance document is to be used by the designer and attached to the plans. Listed below are all the acceptance tests for HVAC systems. The designer is required to check the applicable boxes for all acceptance tests that apply and list all equipment that require an acceptance test. If all equipment of a certain type requires a test, list the equipment description and the number of systems.  
Installing Contractor:  
The contractor who installed the equipment is responsible to either conduct the acceptance test themselves or have a qualified entity run the test for them. If more than one person has responsibility for the acceptance testing, each person shall sign and submit the Certificate of Acceptance applicable to the portion of the construction or installation which they are responsible.  
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York ZE04BH07 10

STATE OF CALIFORNIA  
MECHANICAL SYSTEMS  
CERTIFICATE OF COMPLIANCE  
Mechanical Systems  
Form MCH-01-E  
Title: Mechanical Replacement  
3/22/2019

A. MECHANICAL COMPLIANCE DOCUMENTS & WORKSHEETS (check box if worksheet is included)  
For detailed instructions on the use of this and all Energy Efficiency Standards compliance forms, refer to the 2016 Nonresidential Manual.  
Note: The Enforcement Agency may require all compliance documents to be incorporated into the building plans. The NRCC MCH-04-E and NRCC MCH-05-E are alternative compliance documents to NRCC MCH-01-E, NRCC MCH-02-E and NRCC MCH-03-E for projects using single zone packaged HVAC systems.  
YES NO Form Title  
1. ☐ ☐ NRCC MCH-01-E (Part 1 of 3) Certificate of Compliance, Declaration. Required on plans for all submittals.  
2. ☐ ☐ NRCC MCH-01-E (Part 2 of 3) Certificate of Compliance, Required Acceptance Tests (MCH-02-A to 11-A). Required on plans for all submittals.  
3. ☐ ☐ NRCC MCH-01-E (Part 3 of 3) Certificate of Compliance, Required Acceptance Tests (MCH-12-A to 18-A). Required on plans where applicable.  
4. ☐ ☐ NRCC MCH-02-E (Part 1 of 2) Mechanical Duct Equipment Summary is required for all submittals with Central Air Systems. It is optional on plans.  
5. ☐ ☐ NRCC MCH-02-E (Part 2 of 2) Mechanical Wet Equipment Summary is required for all submittals with chilled water, hot water or condenser water systems. It is optional on plans.  
6. ☐ ☐ NRCC MCH-03-E Mechanical Ventilation and Reheat is required for all submittals with multiple zone heating and cooling systems. It is optional on plans.  
7. ☐ ☐ NRCC MCH-04-E (Part 1 of 2) Power Consumption of Fans. Required on plans where applicable.  
8. ☐ ☐ NRCC MCH-04-E (Part 2 of 2) Power Consumption of Fans, Declaration. Required on plans where applicable.

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance January 2016

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance January 2016

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance January 2016

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance January 2016

STATE OF CALIFORNIA  
MECHANICAL SYSTEMS  
CERTIFICATE OF COMPLIANCE  
Mechanical Systems  
Form MCH-01-E  
Title: Mechanical Replacement  
3/22/2019

Documentation Author's Declaration Statement  
I certify that this Certificate of Compliance documentation is accurate and complete.  
Documentation Author Name: Andrew Gosman  
Signature: [Signature]  
Company: Pocock Design Solutions, Inc.  
Address: 14451 Chambers Rd., Ste. 210  
City/State/Zip: Tustin, CA 92780  
Phone: 949-417-3903

Responsible Person's Declaration Statement  
I certify the following under penalty of perjury, under the laws of the State of California:  
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2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).  
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.  
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.  
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.  
Responsible Designer Name: Andrew Gosman  
Signature: [Signature]  
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Address: 14451 Chambers Rd., Ste. 210  
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STATE OF CALIFORNIA  
MECHANICAL SYSTEMS  
CERTIFICATE OF COMPLIANCE  
Mechanical Systems  
Form MCH-01-E  
Title: Mechanical Replacement  
3/22/2019

C. MECHANICAL HVAC ACCEPTANCE FORMS (check box for required compliance documents)  
Test Performed By:  
Designer:  
This compliance document is to be used by the designer and attached to the plans. Listed below are all the acceptance tests for HVAC systems. The designer is required to check the applicable boxes for all acceptance tests that apply and list all equipment that requires an acceptance test. All equipment of the same type that requires a test, list the equipment description and the number of systems.  
Installing Contractor:  
The contractor who installed the equipment is responsible to either conduct the acceptance test themselves or have a qualified entity run the test for them. If more than one person has responsibility for the acceptance testing, each person shall sign and submit the Certificate of Acceptance applicable to the portion of the construction or installation which they are responsible.  
Enforcement Agency:  
Punches - The NRCC MCH-01-E compliance document is not considered a completed document and is not to be accepted by the building department unless the correct boxes are checked. Inspector: Before occupancy permit is granted all newly installed process systems must be tested to ensure proper operation.  
Test Description: MCH-12-A, MCH-13-A, MCH-14-A, MCH-15-A, MCH-16-A, MCH-17-A, MCH-18-A  
Equipment Requiring Testing or Verification: # of Units, Outdoor Air, Single Zone Unitary, Air Distribution (Ducts), Economizer Controls, Demand Control Ventilation (DCV), Supply Fan VAV, Valve Leakage Test, Supply Water Temp, Reheat, Hydronic System Variable Flow Control, Automatic Demand Based Control, ECMs  
York ZE04BH07 10

STATE OF CALIFORNIA  
MECHANICAL SYSTEMS  
CERTIFICATE OF COMPLIANCE  
Mechanical Systems  
Form MCH-01-E  
Title: Mechanical Replacement  
3/22/2019

E. MECHANICAL HVAC ACCEPTANCE FORMS (check box for required compliance documents)  
Test Performed By:  
Designer:  
This compliance document is to be used by the designer and attached to the plans. Listed below are all the acceptance tests for mechanical systems. The designer is required to check the applicable boxes for all acceptance tests that apply and list all equipment that require an acceptance test. If all equipment of a certain type requires a test, list the equipment description and the number of systems. The NA number designates the section in the Appendix of the Nonresidential Reference Appendix Manual that describes the test. Since this compliance document will be part of the plans, completion of this section will allow the responsible party to budget for the scope of work appropriately.  
Enforcement Agency:  
Systems Acceptance. Before occupancy permit is granted for a newly constructed building or space, or a new space conditioning system serving a building or space is operated for normal use, all control devices serving the building or space shall be certified as meeting the Acceptance Requirements for Code Compliance.  
Systems Acceptance. Before occupancy permit is granted. All newly installed HVAC equipment must be accepted using the Acceptance Requirements.  
The NRCC MCH-04-E compliance document is not considered a completed document and is not to be accepted by the building department unless the correct boxes are checked. The equipment requiring testing, person performing the test (Example: HVAC installer, TAB contractor, controls contractor, PE in charge of project) and what Acceptance test must be conducted. The following checked-off forms are required for ALL newly installed and replaced equipment. In addition a Certificate of Acceptance documents shall be submitted to the building department that certifies plans, specifications, installation certificates, and operating and maintenance information must meet the requirements of Section 110-1301 and 110-24 Part 6. The building inspector must review the properly filled out and signed compliance documents before the building can receive final occupancy.  
Test Description: MCH-12-A, MCH-13-A, MCH-14-A, MCH-15-A, MCH-16-A, MCH-17-A, MCH-18-A  
Equipment Requiring Testing or Verification: # of Units, Outdoor Air, Single Zone Unitary, Air Distribution (Ducts), Economizer Controls, Demand Control Ventilation (DCV), Supply Fan VAV, Valve Leakage Test, Supply Water Temp, Reheat, Hydronic System Variable Flow Control, Automatic Demand Based Control, ECMs  
York ZE04S 10

STATE OF CALIFORNIA  
MECHANICAL SYSTEMS  
CERTIFICATE OF COMPLIANCE  
Mechanical Systems  
Form MCH-01-E  
Title: Mechanical Replacement  
3/22/2019

A. MECHANICAL COMPLIANCE FORMS & WORKSHEETS  
(Indicate if worksheet is included)  
For detailed instructions on the use of this and all Energy Efficiency Standards compliance documents, refer to the 2016 Nonresidential Manual.  
Note: The Enforcement Agency may require all compliance documents to be incorporated into the building plans. The NRCC MCH-04-E and NRCC MCH-05-E are alternative compliance documents to NRCC MCH-01-E, NRCC MCH-02-E and NRCC MCH-03-E for projects using single zone packaged HVAC systems.  
YES NO Form Title  
1. ☐ ☐ NRCC MCH-04-E (1 of 2) Certificate of Compliance. Required on plans when used.  
2. ☐ ☐ NRCC MCH-04-E (2 of 2) Mechanical Acceptance Tests. Required on plans when used.  
3. ☐ ☐ NRCC MCH-05-E (1 of 2) HVAC Prescriptive Requirements. It is required on plans when used.  
4. ☐ ☐ NRCC MCH-05-E (2 of 2) Mechanical Duct Equipment Summary is required for all submittals with service water heating, pools or spas. It is required on plans where applicable.

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance January 2016

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance January 2016

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STATE OF CALIFORNIA  
MECHANICAL SYSTEMS  
CERTIFICATE OF COMPLIANCE  
Mechanical Systems  
Form MCH-01-E  
Title: Mechanical Replacement  
3/22/2019

Documentation Author's Declaration Statement  
I certify that this Certificate of Compliance documentation is accurate and complete.  
Documentation Author Name: Andrew Gosman  
Signature: [Signature]  
Company: Pocock Design Solutions, Inc.  
Address: 14451 Chambers Rd., Ste. 210  
City/State/Zip: Tustin, CA 92780  
Phone: 949-417-3903

Responsible Person's Declaration Statement  
I certify the following under penalty of perjury, under the laws of the State of California:  
1. The information provided on this Certificate of Compliance is true and correct.  
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).  
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.  
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.  
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.  
Responsible Designer Name: Andrew Gosman  
Signature: [Signature]  
Company: Pocock Design Solutions, Inc.  
Address: 14451 Chambers Rd., Ste. 210  
City/State/Zip: Tustin, CA 92780  
Phone: 949-417-3903

STATE OF CALIFORNIA  
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York ZE04S 10

STATE OF CALIFORNIA  
MECHANICAL SYSTEMS  
CERTIFICATE OF COMPLIANCE  
Mechanical Systems  
Form MCH-01-E  
Title: Mechanical Replacement  
3/22/2019

E. MECHANICAL HVAC ACCEPTANCE FORMS (check box for required compliance documents)  
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