

**Placer County Office of Education**

HVAC Package Unit Replacement

**ADDENDUM NO. 1**

Tuesday, May 26, 2025

**Owner:** Placer County Office of Education  
1400 West Stanford Ranch Rd.  
Rocklin, CA 95765  
Contact: Gib Benthin, Project Coordinator, M&O

**Job Location:** Main Office  
1400 West Stanford Ranch Rd.  
Rocklin, CA 95765

**Architect:** Hibser Yamauchi Architects, Inc.  
4602 2nd St  
Davis, CA 95618

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.

## Placer County Office of Education

### HVAC Package Unit Replacement

#### ADDENDUM NO. 1

##### **PART A – GENERAL**

None.

##### **PART B – BIDDING AND CONTRACT REQUIREMENTS**

Refer to PART E for related RFI responses.

##### **PART C – CHANGES/CLARIFICATIONS TO TECHNICAL SPECIFICATIONS**

None.

##### **PART D – CHANGES/CLARIFICATIONS TO DRAWINGS:**

1. Sheet A0.01
  - a. **REVISE:** 'Scope of Work' information to include general electrical related work. See attached.
2. Sheet M0.01
  - a. **REVISE:** Detail A on sheet M0.01 updated to graphically show the existing condition clearly.
  - b. **REVISE:** The plan view; scaled larger for clarity so that the existing curb outline is visible. The reference is added for the existing curb on sheet M3.11
  - c. **REVISE:** The new HVAC unit schedule to identify the CSFM listed smoke detector in the unit and quantity of the duct smoke detector clarified.
3. Sheet M3.11
  - a. **REVISE:** Detail A/M3.11 to show the existing exhaust fan.
  - b. **REVISE:** Detail A/M3.11 to show the existing fire alarm conduit and duct smoke detector locations within the unit that will need to be disconnected and removed.
  - c. **REVISE:** Note for the controls contractor to safely disconnect existing controls cabling from BMS to unit through the existing curb prior to removal of the unit.
  - d. **ADD:** Detail B/M3.11 to show the existing curb information available from the existing unit manufacturer; with the dimensions.
4. Sheet M3.21
  - a. **REVISE:** Detail A/M3.21 to show the existing exhaust fan.
  - b. **REVISE:** Detail A/M3.21 to clarify the duct smoke detector quantity and locations.
  - c. **ADD:** Detail B/M3.21 is added to clarify the intent of the unit support on the existing curb.
5. Sheet P0.01
  - a. **REVISE:** Piping Material Schedule to add gas piping material.
  - b. **REVISE:** Detail B/P0.01 for gas piping connection to the unit.

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6. Sheet P3.11
  - a. **REVISE:** Detail A/P3.11 to correctly show condensate drain routing and demolition scope of work for the condensate drain and sump drain. Demolition work of the cold water piping was clarified and limited to the above roof.
  - b. **REVISE:** Detail B/P3.11 to show gas piping demolition on the correct side of the unit.
7. Sheet P3.21
  - a. **REVISE:** Detail A/P3.21 to clarify the condensate drain connection and the gas connection to the unit.
8. Sheet E2.10:
  - a. **REVISE:** Numbered Note 3.
  - b. **REVISE:** "Roof Plan – Demolition" to show existing duct detectors in existing locations.
  - c. **REVISE:** "Roof Plan – Demolition" to show location of existing fire alarm conduit.
9. Sheet E2.11:
  - a. **REVISE:** Numbered Note 3.
  - b. **REVISE:** "Roof Plan – Electrical" to show (2) additional duct detectors per Mechanical drawings.
  - c. **REVISE:** "Roof Plan – Electrical" to show location of existing fire alarm conduit.

#### PART E – RFI RESPONSES:

1. Per the drawings control note on sheet M0.01 and spec section 23 74 16.13 under 2.5 (electrical/control) subsection B item G it states to use Automated Electric for the control scope on the project. Leed Mechanical is a certified Carrier i-Vu dealer/installer and can perform this scope of work in house. Please confirm it is acceptable for Leed Mechanical to self-perform this work  
*Automated Electric has contract with county [PCOE] and has full knowledge of the building history, therefore required on the project to ensure proper sequence of operations and integration. For Controls Automated Electric is required.*
2. Is there a proprietary fire alarm vendor for the building?  
*The existing Fire Alarm system is Silent Knight IFP-100. Silent Knight is non-proprietary. Previous project at this site was performed by Kalifornia Fire Alarm & Signal.*

## Placer County Office of Education

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3. Please confirm that there is not a requirement for full building test and balance (air balance). All that is required is the testing needed at the unit to perform T-24 acceptance testing.  
*Sheet M3.11 clearly identifies the air balancing requirements for the project. The T-24 acceptance testing are required and noted on T-24 forms.*
4. Please confirm that a final clean of the building (windows, touch up paint, etc.) is not required.  
*Final clean, including any patch and repair, of the existing site and/or building impacted or disturbed by work is required.*
5. Please confirm that duct cleaning of the existing distribution system is not required  
*No duct cleaning of the existing distribution system is required.*
6. Please confirm that Builders Risk Insurance is not required  
*Yes. Refer to General Conditions, Section 11.1.6 in Project Manual.*
7. Is the current roof under warranty? If so is there a specified vendor to be used to maintain that warranty.  
*The roof is under warranty and is provided by Tremco Incorporated at 1205 Havenhill Court / Roseville, CA 95661.*

#### List of Attachments

- Sheet A0.01
- Sheet M0.01
- Sheet M3.11
- Sheet M3.21
- Sheet P0.01
- Sheet P3.11
- Sheet P3.21
- Sheet E2.10
- Sheet E2.11

**End of Addendum No.1**



IF THIS SHEET IS NOT 30"x42", IT IS A REDUCED PRINT SCALE ACCORDINGLY

# PLACER COUNTY OFFICES OF EDUCATION NEW MAIN OFFICE HVAC PACKAGE UNIT REPLACEMENT

1400 STANFORD RANCH, ROCKLIN CA 95765



Delta	Date	Revisions	By
01	5/22/26	ADDENDUM NO.1	HC

**GENERAL NOTES**

- ALL WORK SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF GOVERNING CODES LISTED IN "APPLICABLE CODES" AND ALL GOVERNING LOCAL CODES AND REGULATIONS.
- THE OWNER / ARCHITECT HAVE OBTAINED APPROVAL OF THE PRIMARY AUTHORITY HAVING JURISDICTION (DSA, HCAI, CITY BUILDING PERMIT). CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL OTHER REQUIRED PERMITS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- UNLESS STATED OTHERWISE IN THE SPECIFICATIONS, SPECIAL INSPECTION IS REQUIRED FOR SHOP AND FIELD STRUCTURAL WELDING.
- WHERE INCORPORATED IN THE CONSTRUCTION, IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN COPIES OF HCAI OR DSA PRE-APPROVALS FOR PRE-APPROVED ITEMS OR SYSTEMS INCORPORATED INTO THE CONSTRUCTION AND DISTRIBUTE TO OWNER'S REPRESENTATIVE, ARCHITECT AND INSPECTOR.
- IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO FURNISH AND INSTALL ALL MATERIALS AND WORK DESCRIBED, DEPICTED OR DETAILED WITHIN THESE DOCUMENTS REGARDLESS OF THE LOCATION OF THAT MATERIAL OR WORK WITHIN THE DOCUMENTS OR OMISSION (WHETHER DELIBERATE OR ACCIDENTAL) OF THAT MATERIAL OR WORK BY A SUBCONTRACTOR ON HIS/HER BID.
- THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL CONSIDER THESE DOCUMENTS IN THEIR ENTIRETY. DISCREPANCIES OR CONTRADICTIONS BETWEEN PORTIONS OF THESE DOCUMENTS MUST BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AT LEAST 72 HOURS PRIOR TO BID OPENINGS FOR CLARIFICATION. OTHERWISE, THE MOST RESTRICTIVE REQUIREMENT SHALL BE IN FORCE AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR THE SAFETY OF ALL PERSONS ON OR ABOUT THE CONSTRUCTION SITE, IN ACCORDANCE WITH APPLICABLE LAWS AND CODES. CONTRACTOR OR ESTABLISH PROCEDURES TO ASSURE ALL PERSONS ENTERING A POSSIBLY HAZARDOUS AREA, INCLUDING WORKERS, SUBCONTRACTORS, OTHER CONTRACTORS, VISITORS, AND OTHERS ARE AWARE OF APPROPRIATE / REQUIRED SAFETY PROCEDURES. COMPLY WITH LOCAL, STATE, AND FEDERAL SAFETY STANDARDS, INCLUDING OSHA REQUIREMENTS AND WITH THE SAFETY PROVISIONS OF THE LATEST MANUAL OF ACCIDENT PREVENTION PUBLISHED BY THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING TEMPORARY FENCING AND GATES, SIGNAGE, SECURITY LIGHTING OR OTHER SECURITY AND CONTROL MEASURES NECESSARY TO PROVIDE FOR THE SAFETY OF THE PUBLIC AND FACILITY USERS UNTIL THE COMPLETION OF THE WORK.
- THE CONTRACTOR IS RESPONSIBLE TO FOR PROTECTION OF ADJACENT PROPERTY AND SHALL REPAIR AND / OR REPLACE ALL PROPERTY DAMAGED DURING THE COURSE ON THE WORK.
- THE CONTRACTOR SHALL LIMIT HIS / HER ACTIVITY TO THE AREA DESCRIBED WITHIN THE DOCUMENTS UNLESS OTHERWISE PERMITTED BY THE OWNER'S REPRESENTATIVE.
- THE CONTRACTOR IS RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF ANY ITEMS DAMAGED OR DISTURBED DURING THE COURSE OF THE WORK. INSTALLATION SHALL MATCH EXISTING IN KIND, QUALITY, AND PERFORMANCE.
- WHERE EXISTING CONSTRUCTION AND FINISHES ARE CUT, DAMAGED, OR REMODELED, PATCH WITH MATERIALS TO MATCH IN KIND, QUALITY, PERFORMANCE CHARACTERISTICS, AND APPEARANCE.
- ALL DIMENSIONS ARE TO FACE OF STUD, UNLESS OTHERWISE NOTED. DIMENSIONS NOTED AS "CLR" MEAN CLEAR DIMENSION TO FACE OF FINISH. VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES FOUND.
- VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS. NOTIFY ARCHITECT OF ANY DISCREPANCIES FOUND. VERIFY DIMENSIONS OF ALL OWNER-FURNISHED ITEMS, INCLUDING FURNITURE AND EQUIPMENT, TO ENSURE PROPER COORDINATION WITH CONSTRUCTION.
- ALL ITEMS IN THESE DRAWINGS ARE NEW UNLESS OTHERWISE NOTED.
- ALL UTILITIES REQUIRED FOR THE CONTINUOUS OPERATION OF ALL OCCUPIED EXISTING FACILITIES SHALL BE MAINTAINED IN SERVICE AT ALL TIMES. ANY SHUT DOWNS FOR NEW CONNECTIONS MUST BE COORDINATED WITH THE OWNER'S REPRESENTATIVE TWO WEEKS PRIOR TO THE REQUESTED SHUT DOWN.
- COORDINATION WITH OTHER CONTRACTS: IF ANY PART OF THIS CONTRACTOR'S WORK DEPENDS UPON THE WORK OF A SEPARATE CONTRACTOR, THIS CONTRACTOR SHALL INSPECT SUCH OTHER WORK AND PROMPTLY REPORT IN WRITING TO THE OWNER'S REPRESENTATIVE ANY DEFECTS IN SUCH OTHER WORK THAT RENDER IT UNSUITABLE TO RECEIVE THE WORK OF THIS CONTRACTOR. FAILURE OF THIS CONTRACTOR TO SO INSPECT AND REPORT SHALL CONSTITUTE AN ACCEPTANCE OF THE OTHER CONTRACTORS WORK, EXCEPT AS TO DEFECTS WHICH MAY DEVELOP IN OTHER CONTRACTORS WORK AFTER EXECUTION OF THIS CONTRACTOR'S WORK.
- COORDINATION OF SCHEDULE: PORTIONS OF THIS WORK MAY BE REQUIRED TO BE COMPLETED ON SCHEDULE IN ORDER TO AVOID DELAY TO OTHER CONTRACTORS OR OWNERS OPERATIONS. CONTRACTOR SHALL STRICTLY ADHERE TO ESTABLISHED COMPLETION DATES AS DESIGNATED IN THE SPECIFICATIONS AND COORDINATE WORK SCHEDULE WITH THE OWNER'S REPRESENTATIVE AND OTHER CONTRACTORS. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND LIQUIDATED DAMAGES.
- SCHEDULE ALL WORK WITH THE OWNER'S REPRESENTATIVE, INCLUDING CONSTRUCTION ACCESS AND STORAGE, AND WORK OUTSIDE THE "EXTENT OF WORK" SET FORTH IN THESE DOCUMENTS. THE CONSTRUCTION SCHEDULE SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO THE START OF CONSTRUCTION.
- CONSTRUCTION PROCEDURES SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO THE START OF CONSTRUCTION.
- DEMOLITION IS NOT NECESSARILY LIMITED TO ONLY WHAT IS SHOWN ON THIS OR OTHER DRAWINGS OR AS OUTLINED IN THE SPECIFICATIONS. THE INTENT IS TO INDICATE GENERAL SCOPE OF DEMOLITION REQUIRED. CONTRACTOR SHALL INCLUDE ALL MISCELLANEOUS DEMOLITION, CUTTING AND PATCHING REQUIRED TO COMPLETE THE PROJECT IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS.
- ALL ITEMS IDENTIFIED TO BE SALVAGED SHALL BE DELIVERED IN GOOD CONDITION TO A PLACE OF STORAGE AS DIRECTED BY THE OWNER'S REPRESENTATIVE. ALL OTHER ITEMS MUST BE DISPOSED OF OFF-SITE IN A LEGAL MANNER.
- ARCHITECT IS NOT RESPONSIBLE FOR THE DISCOVERY, PRESENCE, HANDLING, REMOVAL OR DISPOSAL OF, OR EXPOSURE OF PERSONS TO, HAZARDOUS MATERIALS OR TOXIC SUBSTANCES IN ANY FORM AT THE PROJECT SITE. TO THE EXTENT THESE DOCUMENTS RELATE TO SUCH ISSUES, ARCHITECT'S PARTICIPATION IS SOLELY ADMINISTRATIVE WITHOUT ANY RESPONSIBILITY FOR THE CONTENT OR EXECUTION OF SUCH DOCUMENTS.
- DETAIL DRAWINGS WITH REFERENCES TO FIRE-RATED ASSEMBLIES OR CONSTRUCTION WHICH HAVE BEEN TESTED BY UNDERWRITERS LABORATORIES, THE CALIFORNIA BUILDING CODE OR ANY OTHER APPROVED TESTING AGENCY, SHALL BE CONSTRUED TO INCLUDE ALL WORK AND PROCEDURES CONTAINED IN THE REFERENCED ASSEMBLY DESCRIPTION.
- ALL PIPE AND DUCT PENETRATIONS THROUGH FIRE RATED CONSTRUCTION SHALL BE FIRE STOPPED AND SEALED TO MAINTAIN THE REQUIRED RATING.
- CONTRACTOR TO MAINTAIN CONTEMPORANEOUSLY RECORDED "AS-BUILT" INFORMATION OF ALL WORK WHICH SHALL BE MARKED IN COLOR ON THE DRAWINGS AND SPECIFICATIONS. A SCANNED PDF OF THE "AS-BUILT" DRAWINGS AND SPECIFICATIONS SHALL BE TURNED OVER TO THE OWNER'S REPRESENTATIVE PRIOR TO FINAL APPLICATION FOR PAYMENT. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- CONTRACTOR SHALL PROVIDE TEMPORARY PROTECTION AND DUST COVERS ADJACENT TO OCCUPIED AREAS AS REQUIRED TO CONTAIN DUST AND DEBRIS WITHIN CONSTRUCTION AREA. BROOM CLEAN ALL AREAS, INCLUDING SIDEWALKS AND DRIVEWAYS EACH DAY. KEEP DIRT AND DUST TO A MINIMUM.
- WORK SHALL BE EXECUTED IN A CAREFUL AND ORDERLY MANNER WITH THE LEAST POSSIBLE DISTURBANCE TO PUBLIC AND TO OCCUPANTS OF EXISTING BUILDING.
- CLEAN ALL EXPOSED SURFACES AND NEW EQUIPMENT AFTER COMPLETION.

**APPLICABLE CODES**

ALL WORK PERFORMED UNDER THIS CONTRACT IS TO CONFORM TO THE FOLLOWING CODES AND REGULATIONS:

**2025 CALIFORNIA BUILDING ADMINISTRATIVE CODE**  
PART 1, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)

**2025 CALIFORNIA BUILDING CODE (CBC)**, PART 2, TITLE 24, CCR BASED ON THE 2021 INTERNATIONAL BUILDING CODE (IBC) WITH 2021 CALIFORNIA AMENDMENTS)

**2025 CALIFORNIA ELECTRICAL CODE (CEC)**, PART 3, TITLE 24, CCR BASED ON THE 2020 NATIONAL ELECTRICAL CODE (NEC) WITH 2020 CALIFORNIA AMENDMENTS)

**2025 CALIFORNIA MECHANICAL CODE (CMC)**, PART 4, TITLE 24, CCR BASED ON THE 2021 UNIFORM MECHANICAL CODE (UMC) WITH 2021 CALIFORNIA AMENDMENTS)

**2025 CALIFORNIA PLUMBING CODE (CPC)**, PART 5, TITLE 24, CCR BASED ON THE 2021 UNIFORM PLUMBING CODE (UPC) WITH 2021 CALIFORNIA AMENDMENTS)

**2025 CALIFORNIA ENERGY EFFICIENCY STANDARDS (ENERGY CODE)**, PART 6, TITLE 24, CCR

**2022 SAFETY CODE FOR ELEVATORS AND ESCALATORS**  
(ASME A17.1-2019)

**2025 CALIFORNIA FIRE CODE (CEFC)**, PART 9, TITLE 24, CCR BASED ON THE 2021 INTERNATIONAL FIRE CODE (IFC) WITH 2022 CALIFORNIA AMENDMENTS)

**2025 CALIFORNIA EXISTING BUILDING CODE**, PART 10, TITLE 24, CCR (2021 IEB CODE AND 2022 CALIFORNIA AMENDMENTS)

**2025 CALIFORNIA GREEN BUILDING CODE (CALGreen)**, PART 11, TITLE 24, CCR

**2025 CALIFORNIA REFERENCED STANDARDS**, PART 12, TITLE 24, CCR

**TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS**

**2010 ADA STANDARDS FOR ACCESSIBLE DESIGN**

NFPA 13 INSTALLATION OF SPRINKLER SYSTEMS 2022 EDITION  
NFPA 14 INSTALLATION OF STANDPIPE SYSTEMS 2019 EDITION  
NFPA 17 STANDARD FOR DRY CHEMICAL EXTINGUISHING SYS. 2021 EDITION  
NFPA 17A STANDARD FOR WET CHEMICAL SYS. 2021 EDITION  
NFPA 20 INSTALLATION OF STATIONARY PUMPS 2019 EDITION  
NFPA 24 INSTALLATION OF PRIVATE FIRE MAINS 2019 EDITION  
NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE 2022 EDITION  
NFPA 80 FIRE DOORS AND OTHER OPENING PROTECTIVES 2019 EDITION  
NFPA 92 STANDARD FOR SMOKE CONTROL SYSTEMS 2018 EDITION  
NFPA 253 CRITICAL RADIANT FLUX OF FLOOR COVERING SYS 2018 EDITION  
NFPA 2001 CLEAN AGENT FIRE EXTINGUISHING SYSTEM 2018 EDITION

REFERENCE CODE SECTIONS FOR APPLICABLE STANDARDS - 2025 CBC CHAPTER 35 AND 2025 CFC CHAPTER 45

THE ABOVE CODES AND REGULATIONS REFER TO THE LATEST EDITION OR REVISION IN FORCE ON THE DATE OF THE CONTRACT. UNLESS OTHERWISE STATED, NOTHING ON THE DRAWINGS IS TO BE CONSTRUED AS REQUIRING OR PERMITTING WORK THAT IS CONTRARY TO THE LISTED CODES AND REGULATIONS, OR OTHER LOCAL, STATE OR FEDERAL CODES OR REGULATIONS WHICH MAY BE APPLICABLE.

COMPLIANCE WITH CFC CHAPTER 33, FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION, AND CBC CHAPTER 33, SAFETY DURING CONSTRUCTION WILL BE ENFORCED.

**OWNER**

PLACER COUNTY OFFICES OF EDUCATION  
360 NEVADA ST. TEL. (530) 889-8020  
ALBURN, CA 95603  
CONTACT: MARTIN FREGOSO

**CONSULTANTS**

**ARCHITECT**  
HIBSER YAMAUCHI ARCHITECTS, INC. TEL. (510) 446-2222  
4602 2ND STREET, DAVIS, CA 95618 FAX (510) 446-2211  
CONTACT: HOWARD CHO

**MECHANICAL / PLUMBING**  
TURLEY & ASSOCIATES TEL. (916) 325-1065  
2431 CAPITOL AVE SACRAMENTO, CA 95818  
CONTACT: NIRAV SHAH

**ELECTRICAL / COMMUNICATIONS**  
M.NEIL'S ENGINEERING INC. TEL. (916) 923-4400  
100 HOWE AVE #205N SACRAMENTO, CA 95825  
CONTACT: STUART LINDSAY

**VICINITY MAP** NO SCALE

**SITE / BUILDING INFORMATION**

(E) SITE ZONING: B-P/C  
PARCEL NO.: APN 017-081-025-000

(E) OFFICE BUILDING OCCUPANCY GROUP: A-3 / B  
CONSTRUCTION TYPE: III-B  
STORIES: TWO-STORY  
HEIGHT: 43' - 0"  
BUILDING AREA: 34,739 SF  
FIRST FLOOR: 34,900 SF  
SECOND FLOOR: 69,639 SF  
TOTAL: 104,539 SF

SPRINKLER PROTECTION: YES (WET)  
FIRE ALARM SYSTEM: AUTOMATIC  
SMOKE CONTROL SYSTEM: NO

RISK CATEGORY: III

PROJECT AREA (TENANT IMPROVEMENTS): SF

**SCOPE OF WORK**

- REMOVE EXISTING ROOFTOP AIR-HANDLER PACKAGE UNIT (CUSTOM DUAL FAN, DUAL DUCT CHANGEOVER SYSTEM) AND REPLACE IN-KIND.
  - A NEW REPLACEMENT UNIT SHALL WEIGH LESS THAN OR EQUAL TO THE UNIT TO BE REMOVED AND SHALL BE SIZED TO FIT OVER THE EXISTING CURB.
- ELECTRICAL POWER, FIRE ALARM DUCT DETECTORS AND CONNECTIONS.

**INDEX OF DRAWINGS**

**ARCHITECTURAL**  
A0.01 TITLE SHEET  
A0.02 SYMBOLS, LEGENDS AND ABBREVIATIONS  
A1.01 SITE PLAN

**MECHANICAL**  
M0.01 MECHANICAL LEGENDS, SCHEDULES, NOTES, AND DETAILS  
M3.11 MECHANICAL DEMOLITION ROOF PLAN  
M3.21 MECHANICAL ROOF PLAN

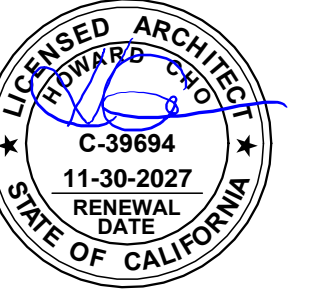
**PLUMBING**  
P0.01 PLUMBING LEGENDS, SCHEDULES, AND NOTES  
P3.11 PLUMBING DEMOLITION ROOF PLAN  
P3.21 PLUMBING ROOF PLAN  
T-24A TITLE 24 REPORTS  
T-24B TITLE 24 REPORTS

**ELECTRICAL**  
E0.01 ELECTRICAL COVER SHEET  
E1.01 SITE PLAN - ELECTRICAL  
E2.10 ROOF PLAN - DEMOLITION - ELECTRICAL  
E2.11 ROOF PLAN - REMODEL - ELECTRICAL

CONSTRUCTION DOCUMENTS

AGENCY APPROVAL

This document is the property of the Owner and is not to be used without his written permission.



**HY HIBSER YAMAUCHI Architects, Inc.**  
4602 2nd Street, Suite 3  
Davis, CA 95618  
530.758.1270 | 530.758.4789 fax

HY Architects Project number: 6306

Facility  
**NEW MAIN OFFICE**  
1400 STANFORD RANCH, ROCKLIN CA 95765

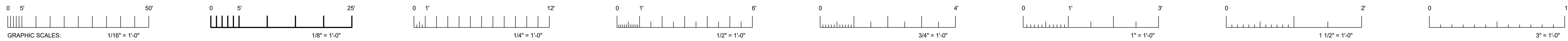
Project  
**HVAC PACKAGE UNIT REPLACEMENT**

Sheet Title  
**TITLE SHEET**

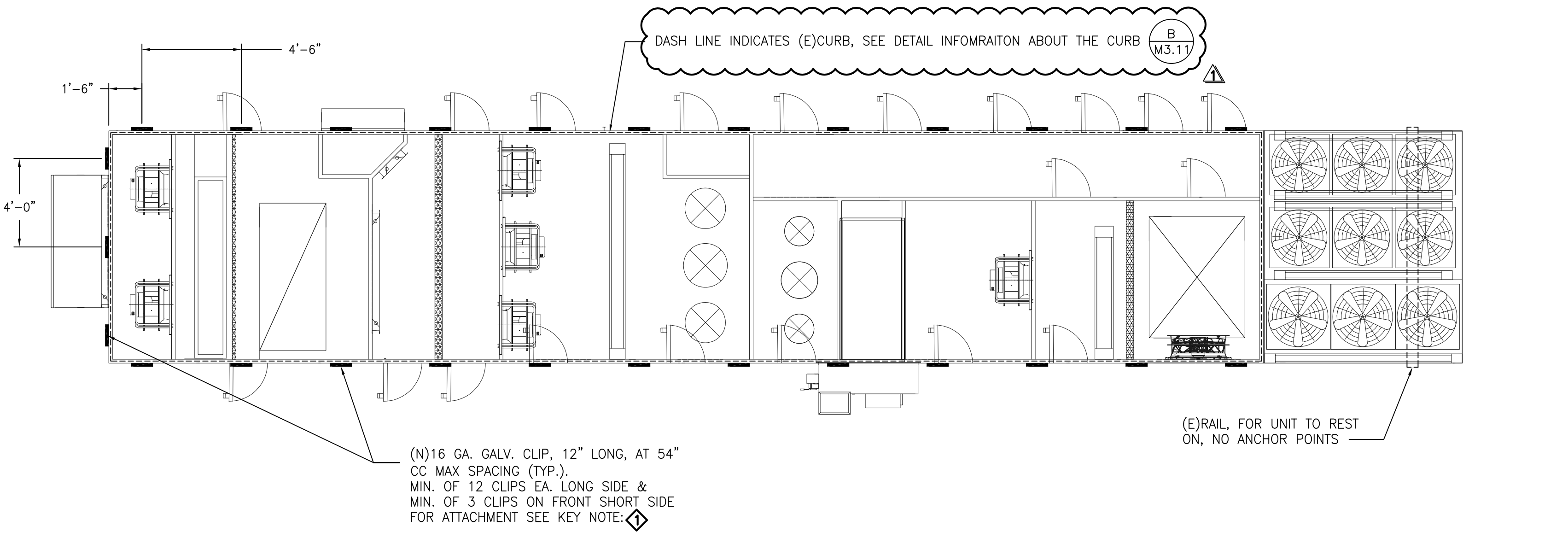
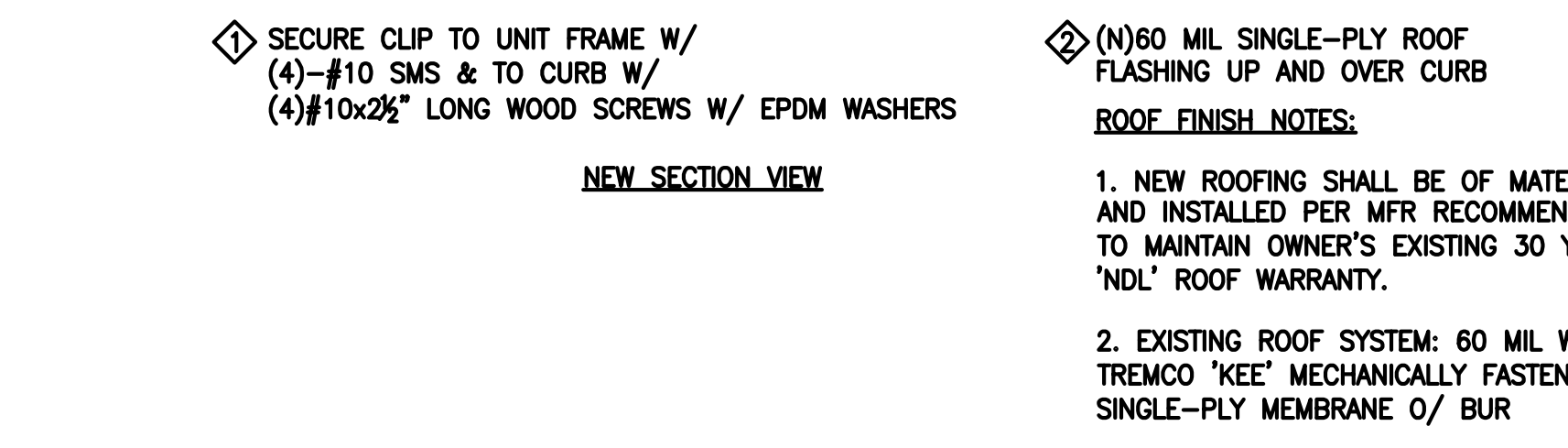
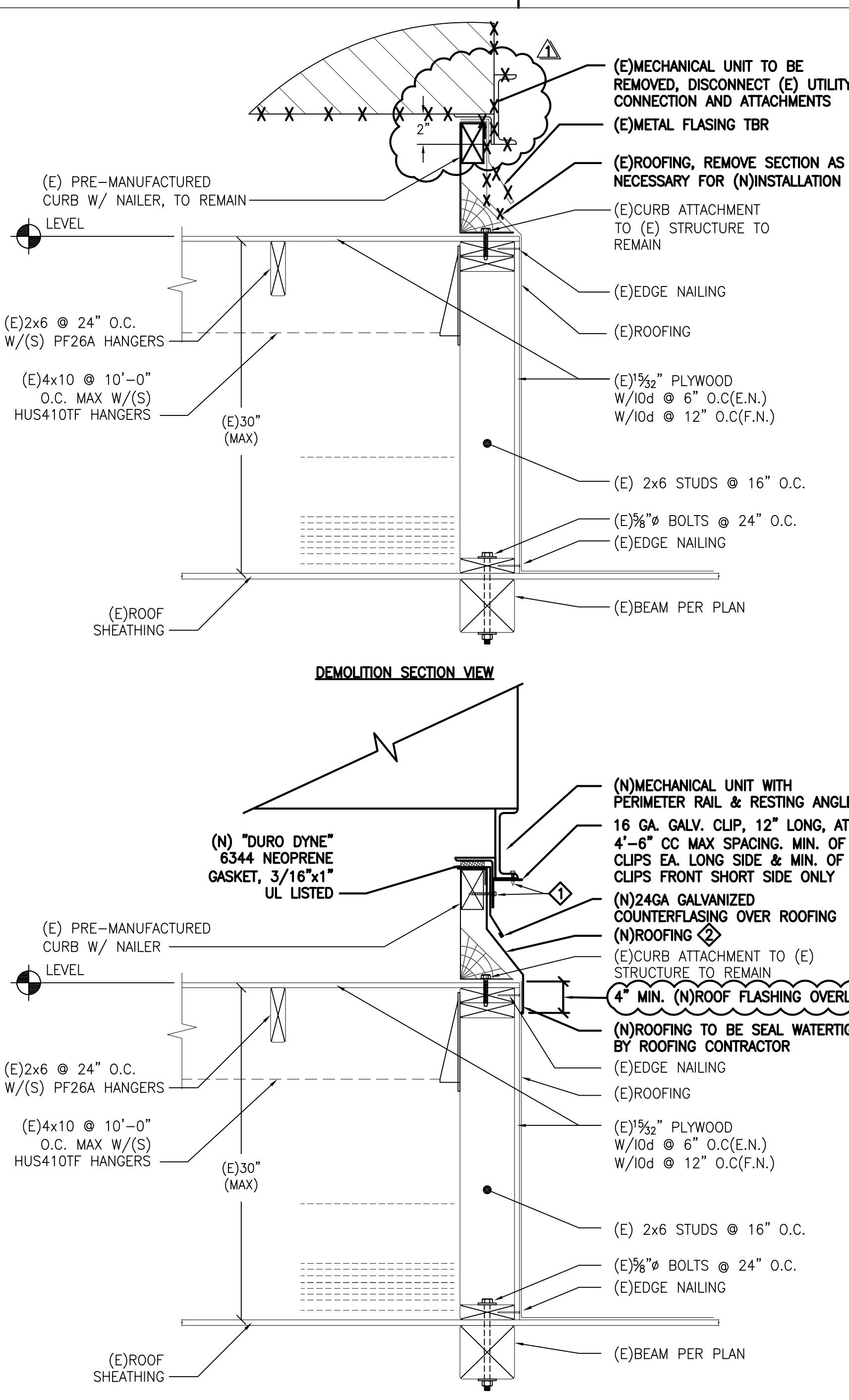
Client Project Number: N/A

Scale:  
Drawn By: SHLDLM  
Checked By: HC  
Issue Date: July 21, 2023  
Revit Version: 2023

Sheet  
**A0.01**  
Sheet of



IF THIS SHEET IS NOT 30"x42", IT IS A REDUCED PRINT SCALE ACCORDINGLY



**UNIT MOUNTING DETAIL**  
NO SCALE

**EXISTING MECHANICAL EQUIPMENT SCHEDULE (SHOWN FOR REFERENCE ONLY)**

(E) AC 1 ENERGY LABS CUSTOM DUAL FAN, DUAL DUCT CHANGEOVER SYSTEM. COOLING ONLY SECTION 22,300 CFM @ 2.0 ESP, 46.97 BHP, 50 HP, COOLING ONLY SUPPLY FAN W/ VFD, CAPACITY 160 TONS, SENSIBLE 1,728 MBH. ACCESSORIES: 100% ECONOMIZER, ENERGY RECOVERY HEATWHEEL. FACTORY HEATING/COOLING SECTION 13,500 CFM @ 1.75 ESP. 18.13 BHP, 20 HP COOLING/HEATING SUPPLY FAN W/ VFD, CAPACITY 50 TONS, SENSIBLE 540 MBH. NATURAL GAS INPUT/OUTPUT 800/600 MBH. ACCESSORIES: EVAPORATIVE CONDENSING, ROOF CURB, SINGLE POINT ELECTRICAL CONNECTION W/ NON-FUSED DISCONNECT, POWER 460V/3ø/60HZ, MCA 503.1, MOP 600, WEIGHT 50,000 LBS. EER10.7, AFUE 80%. OSA SET TO 10,500 CFM. SMOKE DETECTORS IN SUPPLY AIR FAN SYSTEM.

**NEW MECHANICAL EQUIPMENT SCHEDULE**

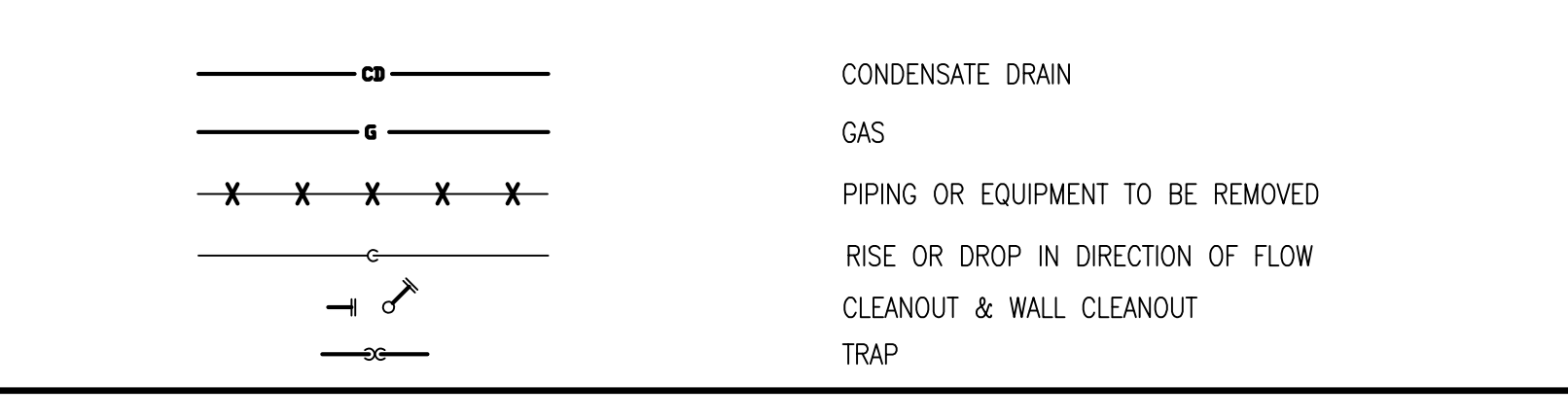
(N) AC 1 AIR20 CUSTOM DUAL FAN, DUAL DUCT CHANGEOVER SYSTEM. COOLING ONLY SECTION 25,000 CFM, COOLING CAPACITY 1242.3 MBH TOTAL/970.4 MBH SENSIBLE. (5) SUPPLY FAN WALL, EC MOTORS, 4.6KW ACTUAL POWER/5.8 KW NOMINAL POWER EACH, 2.0\"/>

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**HVAC CONTROLS NOTES:**

TEMPERATURE CONTROLS BY AUTOMATED ELECTRIC. CONTACT JEFF LUNA - JLUNA@AUTOMATEDELECTRIC.NET FOR CONTROLS REQUIREMENTS. THE NEW HVAC UNIT TO TIE INTO EXISTING BUILDING MANAGEMENT SYSTEM (BMS). ALL THE EXISTING CONTROL SEQUENCE TO BE MAINTAINED. PROVIDE CONTROLS SUBMITTAL WITH CONTROLS ARCHITECTURE AND SEQUENCE OF OPERATIONS TO MEOR FOR REVIEW AND APPROVAL.

**PLUMBING LEGEND**



**PLUMBING ABBREVIATIONS**

ABV	ABOVE
ABC, OH	ABOVE CEILING, OVERHEAD
AD	ACCESS DOOR
ADA	AMERICANS WITH DISABILITIES ACT
AFF	ABOVE FINISHED FLOOR
BR	BRANCH
CL	CENTERLINE
CO	CLEANOUT
CW	COLD WATER
DIAM Ø	DIAMETER
FC	FLEXIBLE CONNECTION
I.E.	INVERT ELEVATION
(N) (E)	NEW, EXISTING
NIC	NOT IN CONTRACT
POC	POINT OF CONNECTION
(R) (D)	RISE, DROP
RD, OFL	ROOF DRAIN, OVERFLOW
RI	ROUGH-IN
RO	RUN-OUT
SMS	SHEET METAL SCREWS
SOV	SHUT OFF VALVE
TA, FA	TO ABOVE, FROM ABOVE
TB, FB	TO BELOW, FROM BELOW
TBR	TO BE REMOVED
TP	TRAP PRIMER
UG, UF	UNDERGROUND, UNDER FLOOR
UON	UNLESS OTHERWISE NOTED
UTR	UP THROUGH ROOF
V, VR, VTR	VENT, VENT RISER, VENT THRU ROOF
WT	WATERTIGHT
WCO	WALL CLEANOUT

**PIPING MATERIAL SCHEDULE**

- WASTE AND VENT PIPE: CONDENSATE DRAINS SHALL BE TYPE L HARD COPPER, WITH LONG SWEEP ELBOWS AND CLEANOUT TEES AT EACH CHANGE IN DIRECTION. CONNECT CONDENSATE DRAINS TO AIR CONDITIONING UNITS WITH P-TRAP AND RUN TO AN APPROVED RECEPTOR AND DRY WELL. PROVIDE VIBRATION ELIMINATORS AT A.C. UNITS.
- GAS PIPE: SCHEDULE 40 BLACK STEEL WITH MALLEABLE IRON SCREWED FITTINGS ABOVE GRADE; WITH CLASS 150 WELDING FITTINGS. CONNECT TO EACH ITEM OF GAS-FIRED EQUIPMENT WITH DRIP LEG AND VALVE. PROVIDE FLEX CONNECTION IN APPROVED SIZES WHERE APPLICABLE. EXTERIOR GAS PIPING TO BE PRIMED AND PAINTED WITH UV PROTECTED PAINT - GRAY COLOR

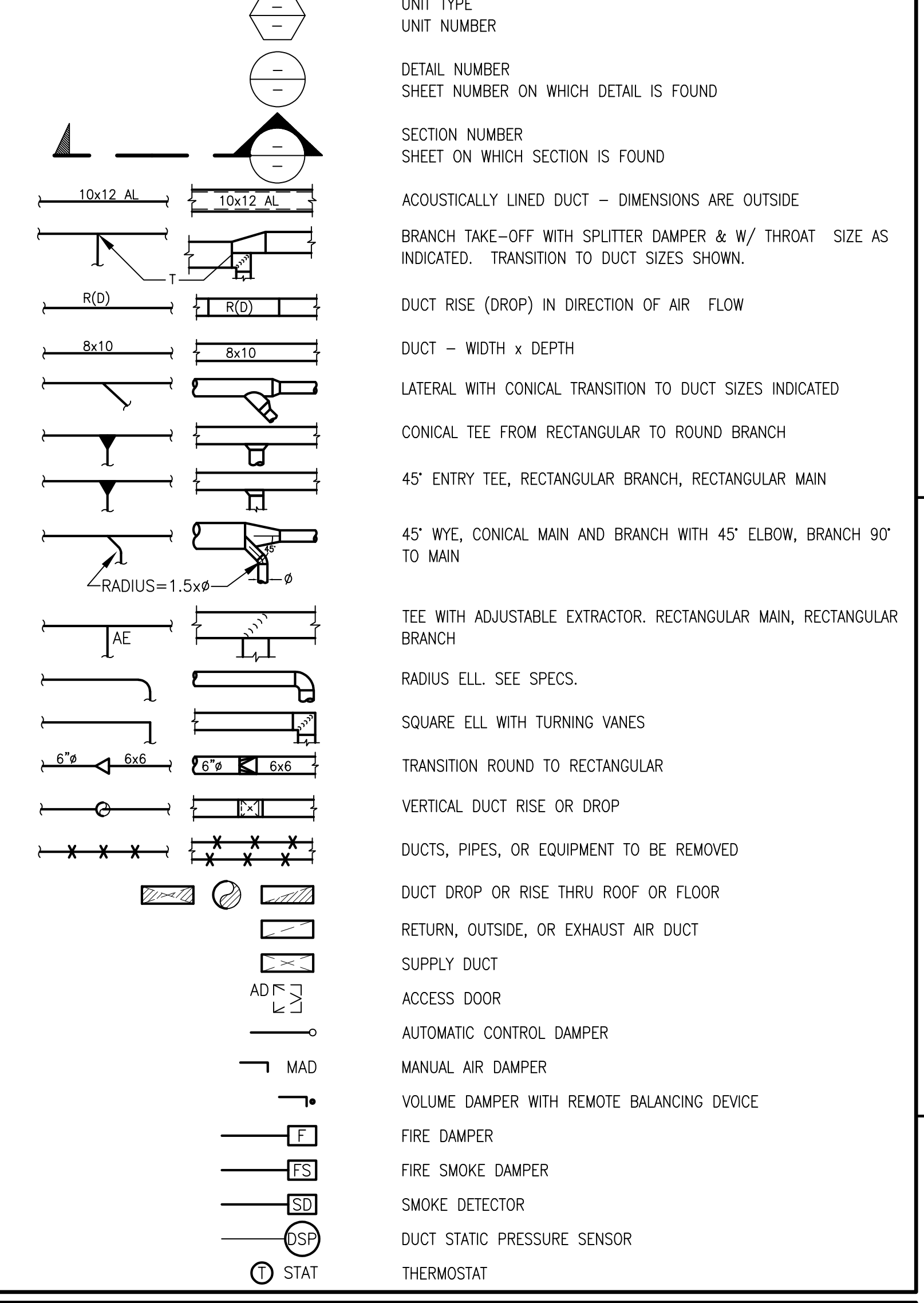
**APPLICABLE CODES**

CODES:  
ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE REGULATIONS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:  
A) STATE OF CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24, BUILDING STANDARDS: 2025 EDITION OF THE CALIFORNIA BUILDING CODE. 2025 EDITION OF THE CALIFORNIA ELECTRICAL CODE. 2025 EDITION OF THE CALIFORNIA MECHANICAL CODE. 2025 EDITION OF THE CALIFORNIA PLUMBING CODE. 2025 EDITION OF THE CALIFORNIA FIRE CODE. 2025 EDITION OF THE CALIFORNIA FIRE CODE.  
B) NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) LIFE SAFETY CODE, CR.

**COMPLIANCE NOTES**

- MECHANICAL AND PLUMBING EQUIPMENT SHALL CONFORM TO THE FOLLOWING AS STATED IN THE ENERGY EFFICIENCY STANDARDS, 2025.
- BE CERTIFIED BY THE MANUFACTURER AS COMPLYING WITH THE EFFICIENCY REQUIREMENTS AS PRESCRIBED IN SECTIONS:  
110.1 APPLIANCES REGULATED BY THE APPLIANCE EFFICIENCY STANDARDS;  
110.2 HVAC EQUIPMENT EFFICIENCY AND PACKAGED CONTROLS;  
110.3 SERVICE WATER HEATING EFFICIENCY AND CONTROLS;  
110.4 POOL AND SPA HEATING EFFICIENCY AND CONTROLS;  
110.5 RESTRICTIONS ON PILOT LIGHTS;
  - BE SPECIFIED AND INSTALLED IN ACCORDANCE WITH SECTIONS:  
120.1 REQUIREMENTS FOR VENTILATION;  
120.2 REQUIRED CONTROLS FOR HVAC SYSTEMS:  
102.2 (H) DEMAND SHED CONTROLS.  
120.2 (I) ECONOMIZER FAULT DETECTION & DIAGNOSTIC.  
120.3 REQUIREMENTS FOR PIPE INSULATION;  
120.4 REQUIREMENTS FOR DUCT INSULATION;  
120.5 REQUIREMENTS FOR MECHANICAL SYSTEMS;  
120.8 BUILDING COMMISSIONING  
120.9 REQUIREMENTS FOR COMMERCIAL BOILERS

**MECHANICAL LEGEND**



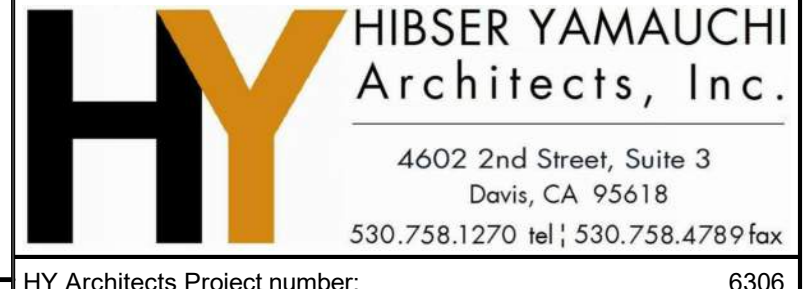
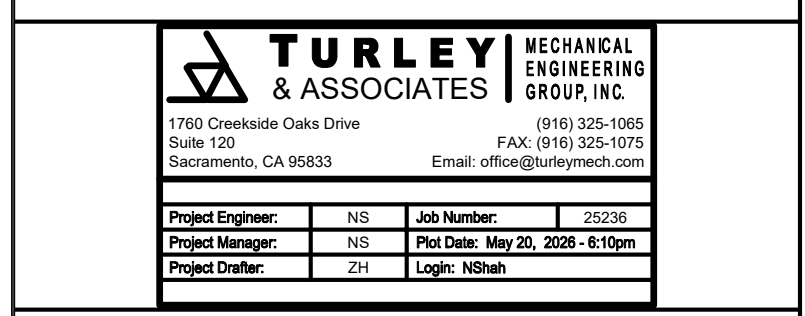
**MECHANICAL ABBREVIATIONS**

AAV	AUTOMATIC AIR VENT	MBH	BTU PER HOUR (THOUSAND)
ABV	ABOVE	MC	MECHANICAL CONTRACTOR
ABC, OH	ABOVE CEILING, OVERHEAD	MIN	MINIMUM
AC	AIR CONDITIONING	MPS	MEDIUM PRESSURE STEAM
AD	ACCESS DOOR	(N) (E)	NEW, EXISTING
ADA	AMERICANS W/ DISABILITIES ACT	N.C.	NORMALLY CLOSED
AE	AIR EXTRACTOR	NEG	NEGATIVE
AFF	ABOVE FINISHED FLOOR	NIC	NOT IN CONTRACT
AL	ACoustically LINED	N.O.	NORMALLY OPEN
AHU	AIR HANDLING UNIT	OBD	OPPOSED BLADE DAMPER
AIP	ABANDON IN PLACE	OC	ON CENTER
APD	AIR PRESSURE DROP	OP	OPERATING
BHP	BRAKE HORSEPOWER	PH	PHASE
BOD	BOTTOM OF DUCT	POC	POINT OF CONNECTION
BR	BRANCH	PSI	POUNDS PER SQUARE INCH
BTU	BRITISH THERMAL UNIT	PT	PRESSURE TREATED
BTUH	BTU PER HOUR	PTDF	PRESSURE TREATED DOUGLAS FIR
CAV	CONSTANT AIR VOLUME	P&TRV	PRESSURE & TEMPERATURE RELIEF VALVE
CD	CONDENSATE DRAIN	RPBP	REDUCED PRESSURE BACKFLOW PREVENTER
CFM, f	CUBIC FEET OF AIR PER MINUTE	(R) (D)	RISE, DROP
CFPS	CUBIC FEET PER SECOND	RD, OFL	ROOF DRAIN, OVERFLOW
CL	CENTERLINE	REF	ROOF EXHAUST FAN
CO	CLEANOUT	REQ'D	REQUIRED
CONC.	CONCRETE	RL	REFRIGERANT LIQUID
CONN.	CONNECT	RPM	REVOLUTIONS PER MINUTE
CR	CONDENSATE RETURN (STEAM)	RS	REFRIGERANT SUCTION
CS	CURRENT SENSOR	SAD	SEE ARCHITECTURAL DRAWINGS
CU	CURRENT SENSING UNIT	SED	SEE ELECTRICAL DRAWINGS
CU FT	CUBIC FEET	SM	SHEET METAL
CU IN	CUBIC INCHES	SMS	SHEET METAL SCREWS
CWB	CONSTANT VOLUME BOX	SOV	SHUT OFF VALVE
CV	COLD WATER	SS	STAINLESS STEEL
DB	DRY BULB	SSD	SEE STRUCTURAL DRAWING
DF	DOUGLAS FIR	STEEL	STEEL
DIAM Ø	DIAMETER	TA, FA	TO ABOVE, FROM ABOVE
DSP	DUCT STATIC PRESSURE SENSOR	TB, FB	TO BELOW, FROM BELOW
EA, OA, RA, SA	EXHAUST, OUTSIDE, RETURN & SUPPLY AIR	TBR	TO BE REMOVED
E.C.	ELECTRICAL CONTRACTOR	TCC	TEMPERATURE CONTROL CONTRACTOR
ESP	EXTERNAL STATIC PRESSURE	TCP	TEMPERATURE CONTROL PANEL
EWT	ENTERING WATER TEMPERATURE	THK	THICK
FA	FACE AREA (SQUARE FEET)	TR	TO REMAIN
FC	FLEXIBLE CONNECTION	TSP	TOTAL STATIC PRESSURE
FLA	FULL LOAD AMPS	TV	TURNING VANES
FPI	FPI'S PER INCH	TYP	TYPICAL
FFM	FEET PER MINUTE	UG, UF	UNDERGROUND, UNDER FLOOR
GALV.	GALVANIZED	UON	UNLESS OTHERWISE NOTED
GA	GAUGE	UTR	UP THROUGH ROOF
GC	GENERAL CONTRACTOR	VAC	VOLTS ALTERNATING CURRENT
GSM	GALVANIZED SHEET METAL	VFD	VARIABLE FREQUENCY DRIVE
HP	HORSE POWER	VIF	VERIFY IN FIELD
HWS	HOT WATER SUPPLY	WB	WET BULB
HWR	HOT WATER RETURN	WG	WATER GAUGE
HZ	FREQUENCY (HERTZ)	WOG	WATER OIL GAS PRESSURE RATING
LBS	POUNDS	WP	WATER PRESSURE
LRA	LOCKED ROTOR AMPS	WPD	WATER PRESSURE DROP
LWT	LEAVING WATER TEMPERATURE	WT, AT	WATERTIGHT, AIRTIGHT
MAV	MANUAL AIR VENT		
MAX	MAXIMUM		



Revisions	Date	Revisions	By
Delta	05/14/26	Addendum #1	NS

**CONSTRUCTION DOCUMENTS**  
**AGENCY APPROVAL**

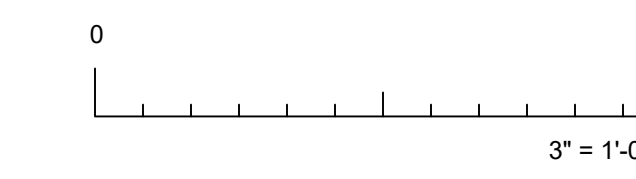
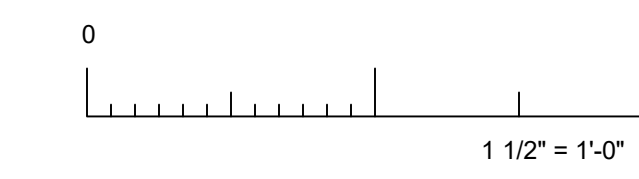
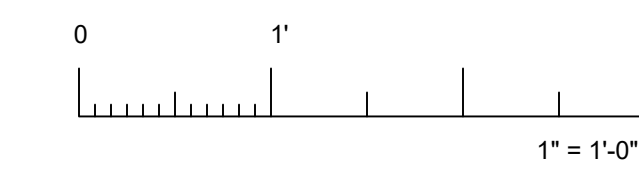
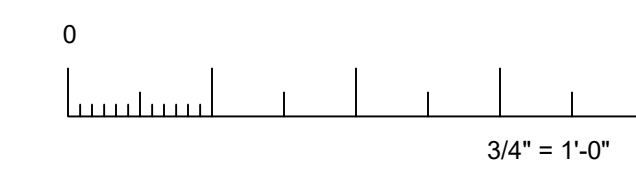
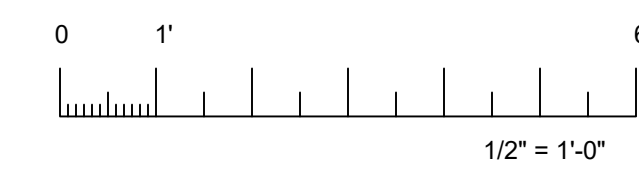
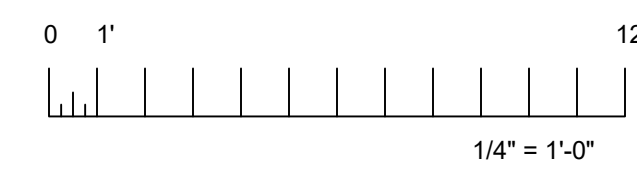
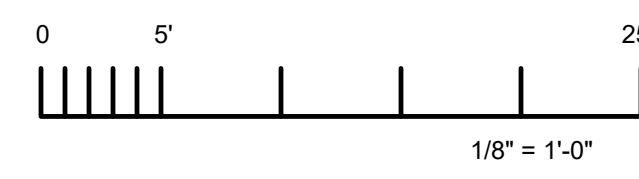
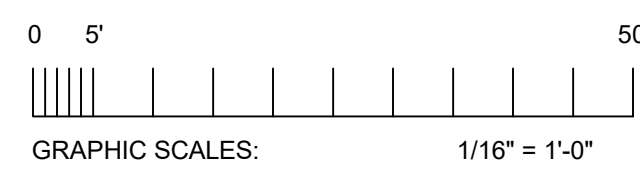


Facility:  
NEW MAIN OFFICE  
1400 STANFORD RANCH, ROCKLIN CA 95765

Project:  
HVAC PACKAGE UNIT REPLACEMENT

Sheet Title:  
MECHANICAL LEGENDS, SCHEDULES, NOTES, AND DETAILS

Client Project Number: N/A  
Scale: As indicated  
Sheet: M0.01  
Drawn By: T&A  
Checked By: T&A  
Issue Date: JANUARY 30, 2026  
Sheet of

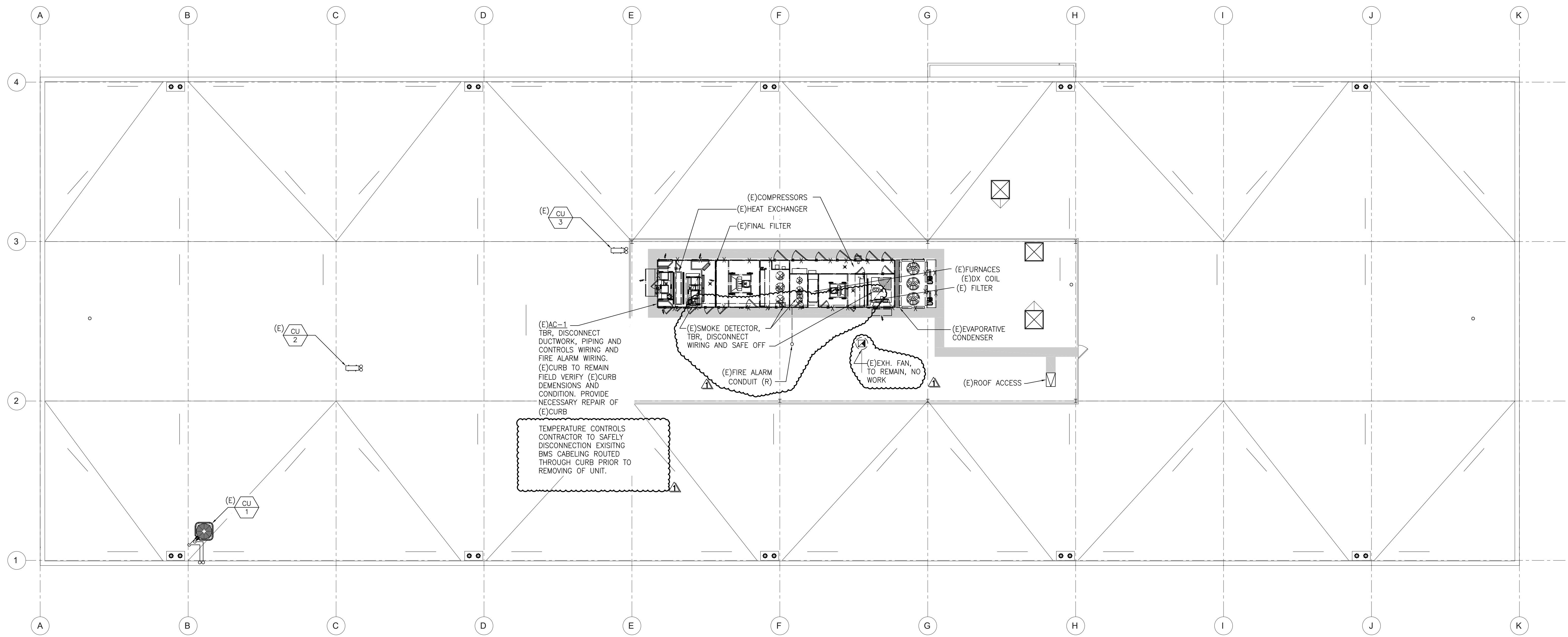


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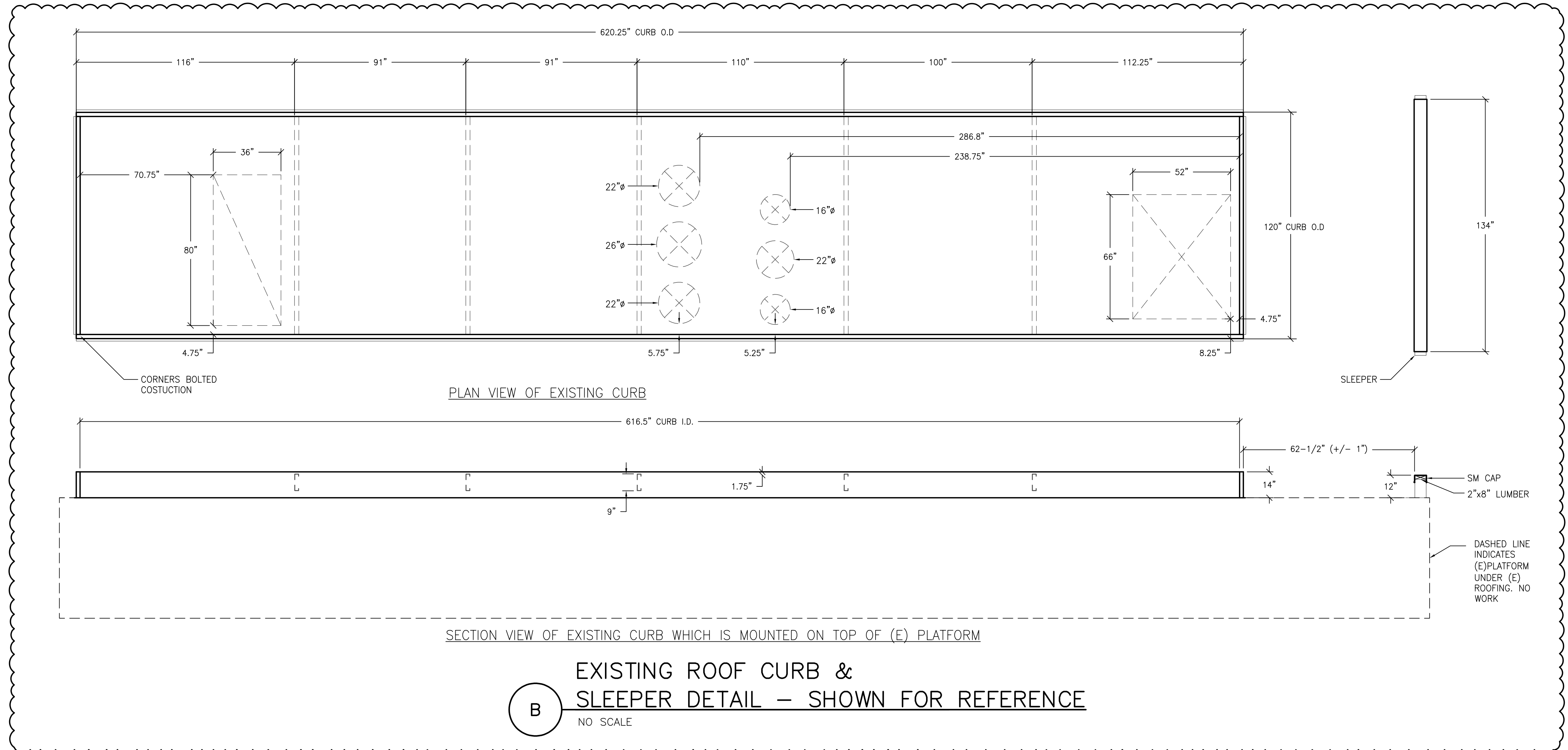
Revisions	Date	Revisions	By
Delta	05/14/26	Addendum #1	NS

CONSTRUCTION DOCUMENTS  
AGENCY APPROVAL



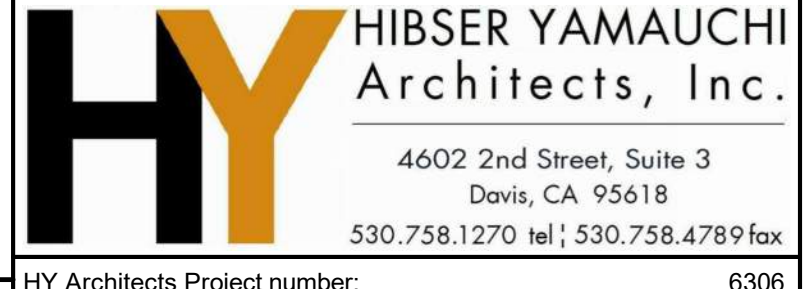
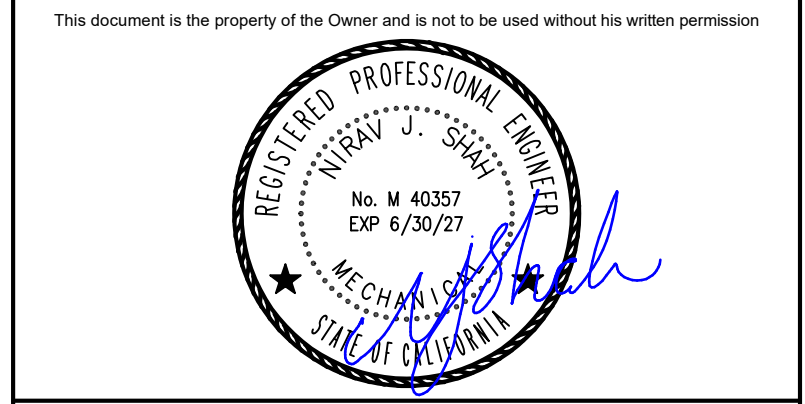
**A** DEMOLITION MECHANICAL ROOF PLAN  
SCALE: 3/32" = 1'-0"

PREMEASUREMENT NOTES  
PRIOR TO SHUT DOWN AND DEMOLITION (E)AC-1, PREMEASUREMENT FOLLOWING PARAMETERS OF (E)AC-1:  
COLD TUNNEL:  
TOTAL SUPPLY AND RETURN AIRFLOW; SUPPLY AND RETURN STATIC PRESSURE;  
HOT/COLD TUNNEL:  
TOTAL SUPPLY AND RETURN AIRFLOW; SUPPLY AND RETURN STATIC PRESSURE;  
MIN/MAX OUTSIDE AIR FLOWS  
WHEN DOING THE AIRFLOW MEASUREMENT, ALL VAV BOXES SERVING BY THE SYSTEM SHALL WORK UNDER MAX COOLING MODE (MAX AIRFLOW).



**B** EXISTING ROOF CURB & SLEEPER DETAIL — SHOWN FOR REFERENCE  
NO SCALE

<b>TURLEY MECHANICAL &amp; ASSOCIATES</b>	
1100 Oakdale Oaks Drive Sacramento, CA 95833	(916) 225-5866 Fax: (916) 225-9000 Email: office@turley.com
Project Engineer: NS	Job Number: 20234
Project Manager: NS	Proj Date: May 20, 2026 - 8:00am
Project Number: 231	Logic: 40248

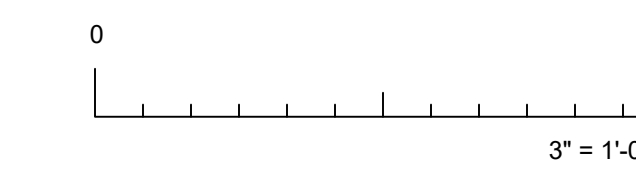
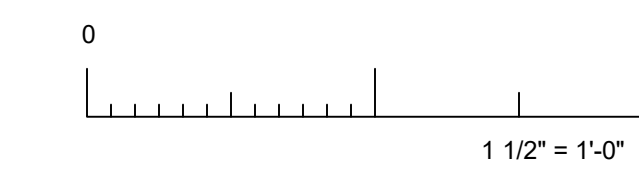
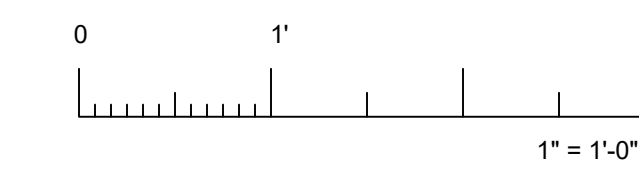
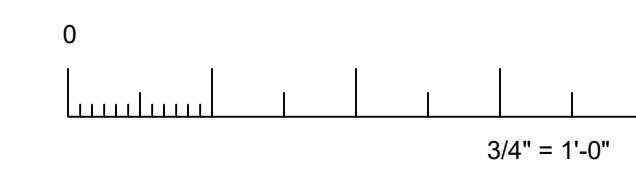
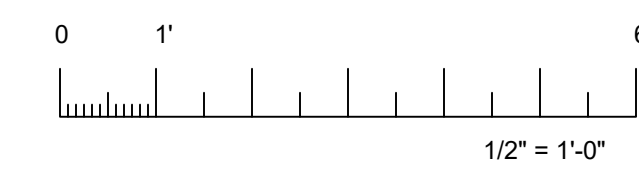
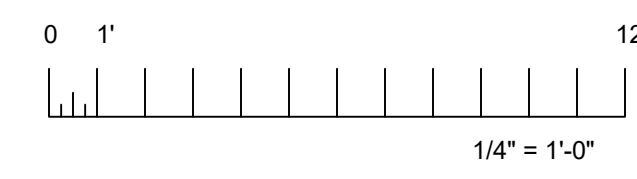
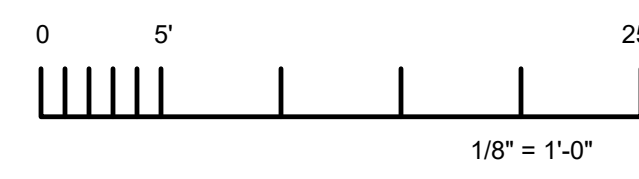
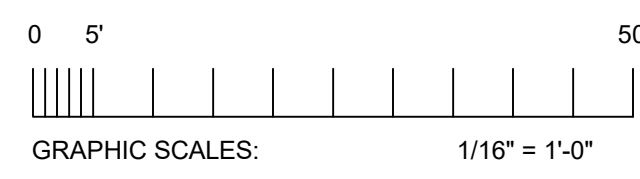


Client Project Number: 6306  
Facility: NEW MAIN OFFICE  
1400 STANFORD RANCH, ROCKLIN CA 95765

Project: HVAC PACKAGE UNIT REPLACEMENT

Sheet Title: MECHANICAL DEMOLITION ROOF PLAN

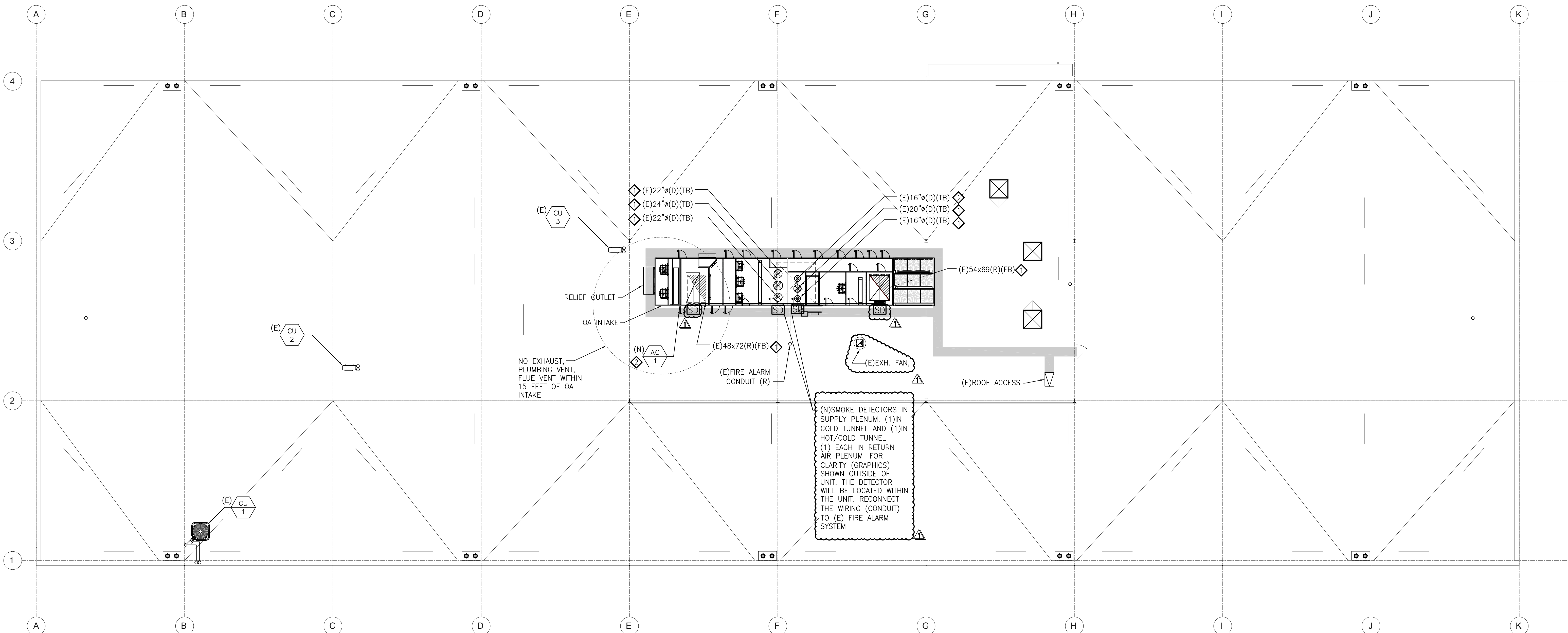
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Issue Date: JANUARY 30, 2026	
Client Project Number: 6306	Sheet of



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Revisions			
Delta	Date	Revisions	By
1	05/14/26	Addendum #1	NS

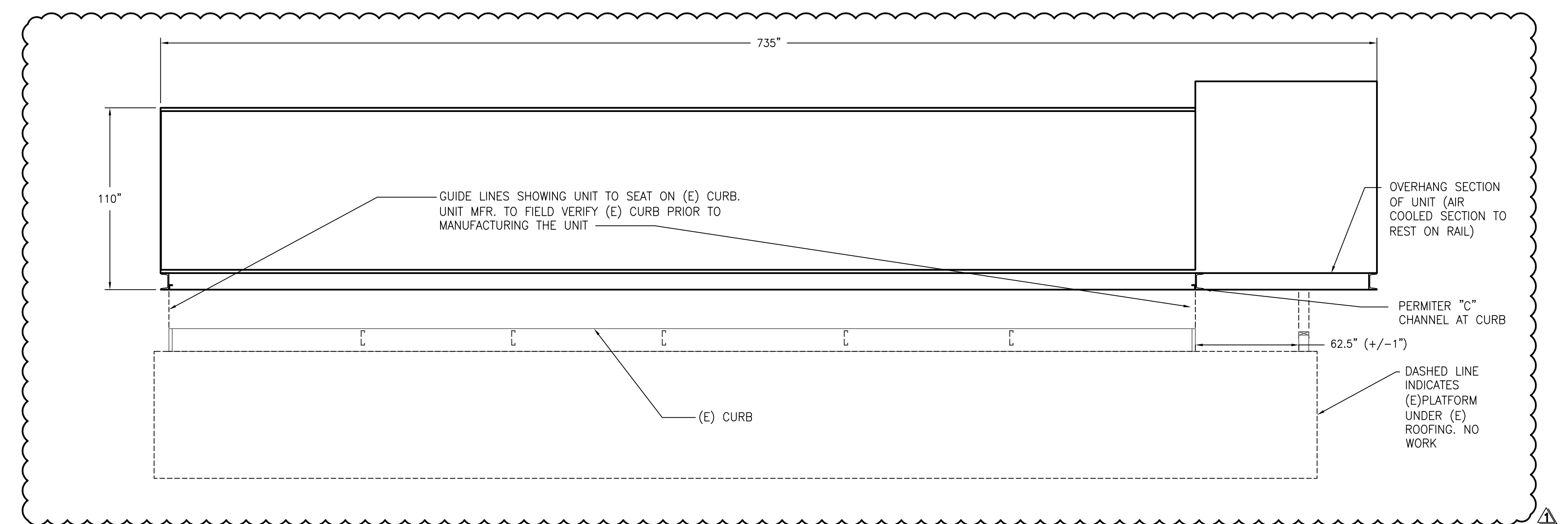


(N) SMOKE DETECTORS IN SUPPLY PLENUM, (1) IN COLD TUNNEL AND (1) IN HOT/COLD TUNNEL (1) EACH IN RETURN AIR PLENUM. FOR CLARITY (GRAPHICS) SHOWN OUTSIDE OF UNIT. THE DETECTOR WILL BE LOCATED WITHIN THE UNIT. RECONNECT THE WIRING (CONDUIT) TO (E) FIRE ALARM SYSTEM

- KEY NOTES**
- ◇ PROVIDE NECESSARY DUCT OFFSET, FITTING, AND FLEXIBLE CONNECTOR TO CONNECT (E) DUCTWORK TO (N) UNIT AT THE BOTTOM.
  - ◇ WHEN (N) UNIT INSTALLED, RECONNECT DUCTWORK, CONTROL WIRING AND FIRE ALARM WIRING TO (E) SYSTEMS. DRAIN PIPING CONNECTION SEE PLUMBING DRAWINGS.

- GENERAL NOTES**
- AFTER INSTALLATION, BALANCE SUPPLY/RETURN AIRFLOW OF COLD TUNNEL AND HOT/COLD TUNNEL TO PREMEASURED VALUES. SET OUTSIDE AIRFLOW TO PREMEASURED VALUES.

**A MECHANICAL ROOF PLAN**  
SCALE: 3/32" = 1'-0"



**B UNIT SECTION VIEW TO CURB ALIGNMENT**  
SCALE: 1/4" = 1'-0"

CONSTRUCTION DOCUMENTS

AGENCY APPROVAL

<b>TURLEY MECHANICAL &amp; ASSOCIATES ENGINEERS</b>	
1100 Creekside Oaks Drive Sacramento, CA 95833	(916) 525-5866 Fax: (916) 525-5955 Email: <a href="mailto:office@turley.com">office@turley.com</a>
Project Engineer: NS	Job Number: 25234
Project Manager: NS	Proj. Date: May 25, 2026 4:50pm
Project Number: 25234	Logon: NS

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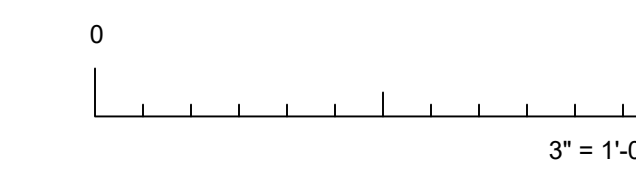
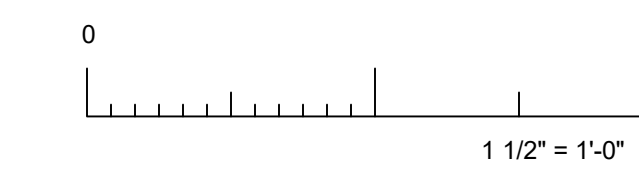
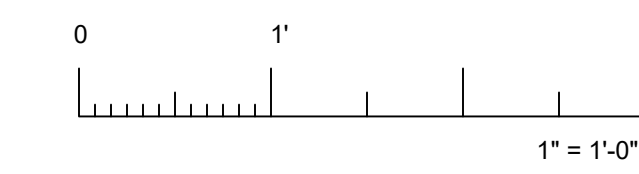
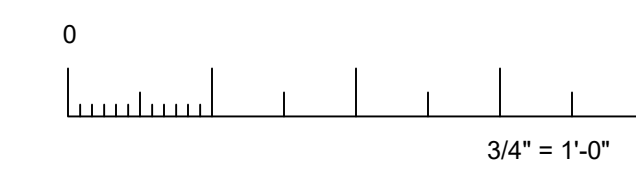
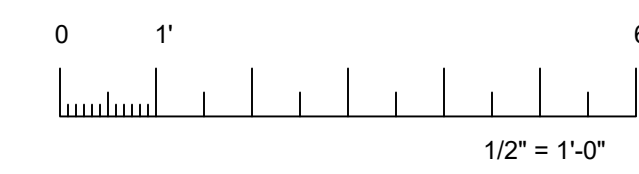
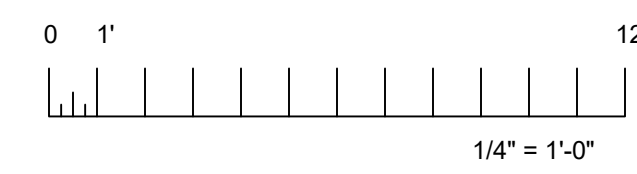
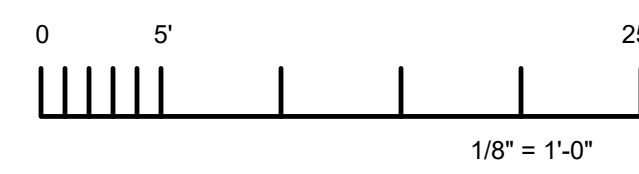
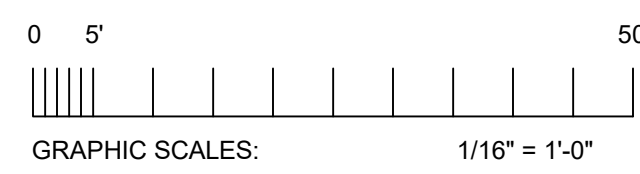
**HY HIBSER YAMAUCHI Architects, Inc.**  
4602 2nd Street, Suite 3  
Davis, CA 95618  
530.758.1270 tel | 530.758.4789 fax

Facility: NEW MAIN OFFICE  
1400 STANFORD RANCH, ROCKLIN CA 95765

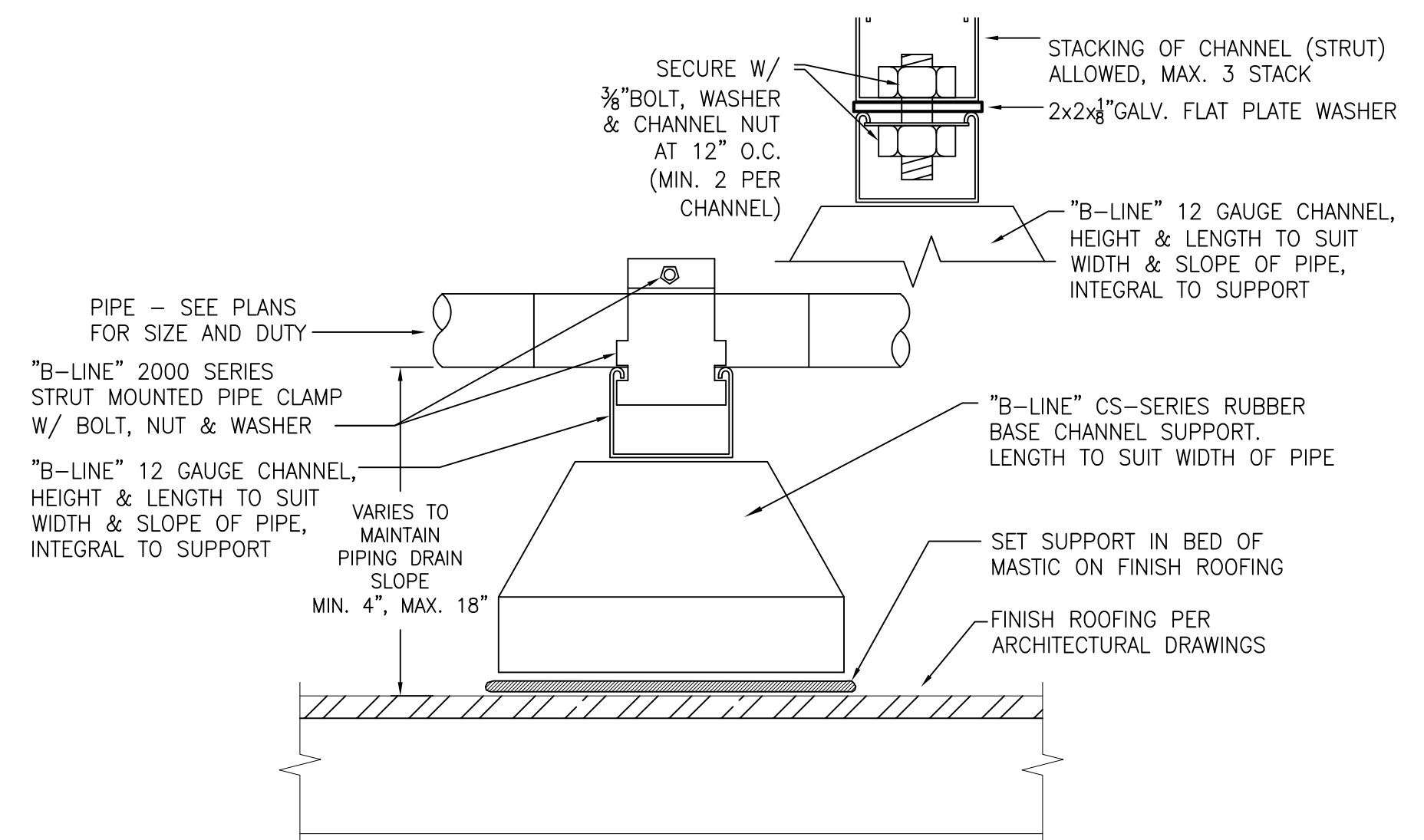
Project: HVAC PACKAGE UNIT REPLACEMENT

Sheet Title: MECHANICAL ROOF PLAN

Client Project Number: N/A	Sheet
Scale: As indicated	<b>M3.21</b>
Drawn By: T&A	
Checked By: T&A	
Issue Date: JANUARY 30, 2026	
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- NOTE:
1. APPLICABLE FOR CONDENSATE PIPING TO RTU UNITS. ALL CONDENSATE PIPE SHALL BE TYPE L COPPER AND SLOPE MIN. OF 1/8" / FT.
  2. APPLICABLE FOR GAS PIPE WITHIN 10'-0" OF THE UNIT FOR FINAL SUPPORT ONLY.

**C** PIPE SUPPORT ON ROOF DETAIL  
NO SCALE

### COMPLIANCE NOTES

MECHANICAL AND PLUMBING EQUIPMENT SHALL CONFORM TO THE FOLLOWING AS STATED IN THE ENERGY EFFICIENCY STANDARDS, 2025.

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  - 120.5 REQUIREMENTS FOR MECHANICAL SYSTEMS;
  - 120.8 BUILDING COMMISSIONING;
  - 120.9 REQUIREMENTS FOR COMMERCIAL BOILERS;

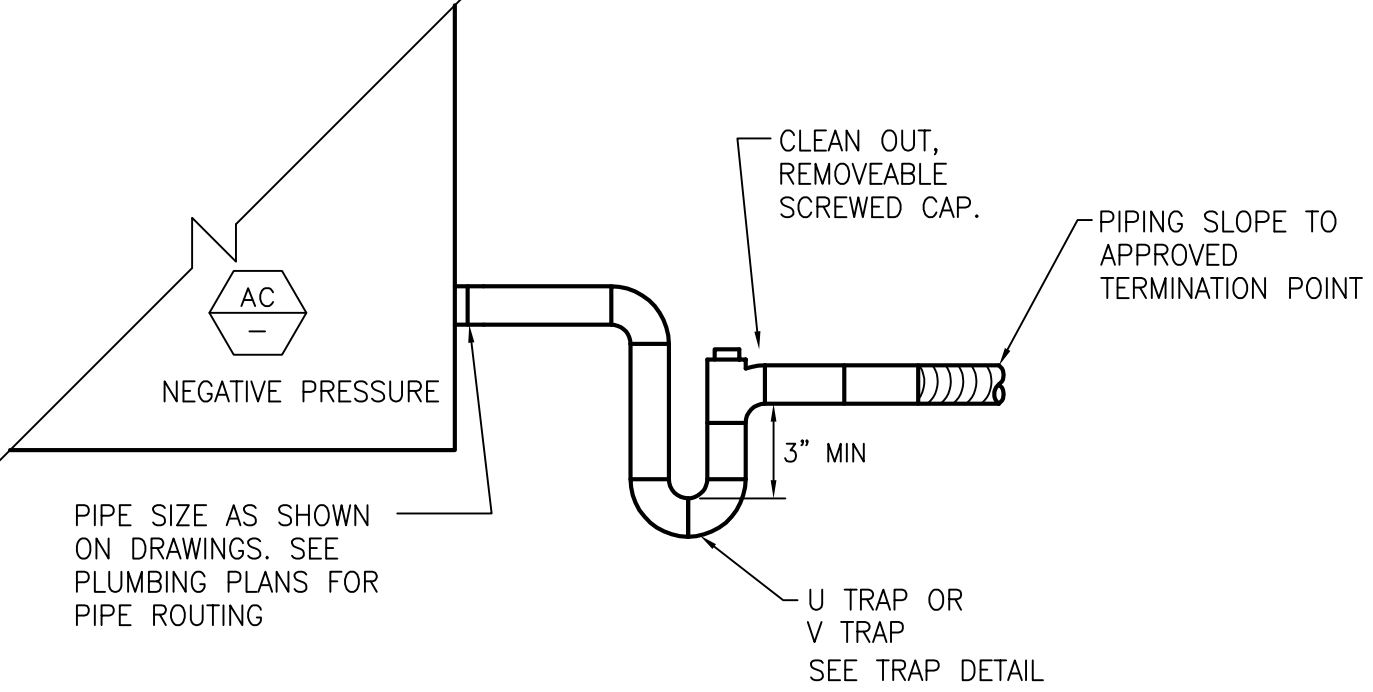
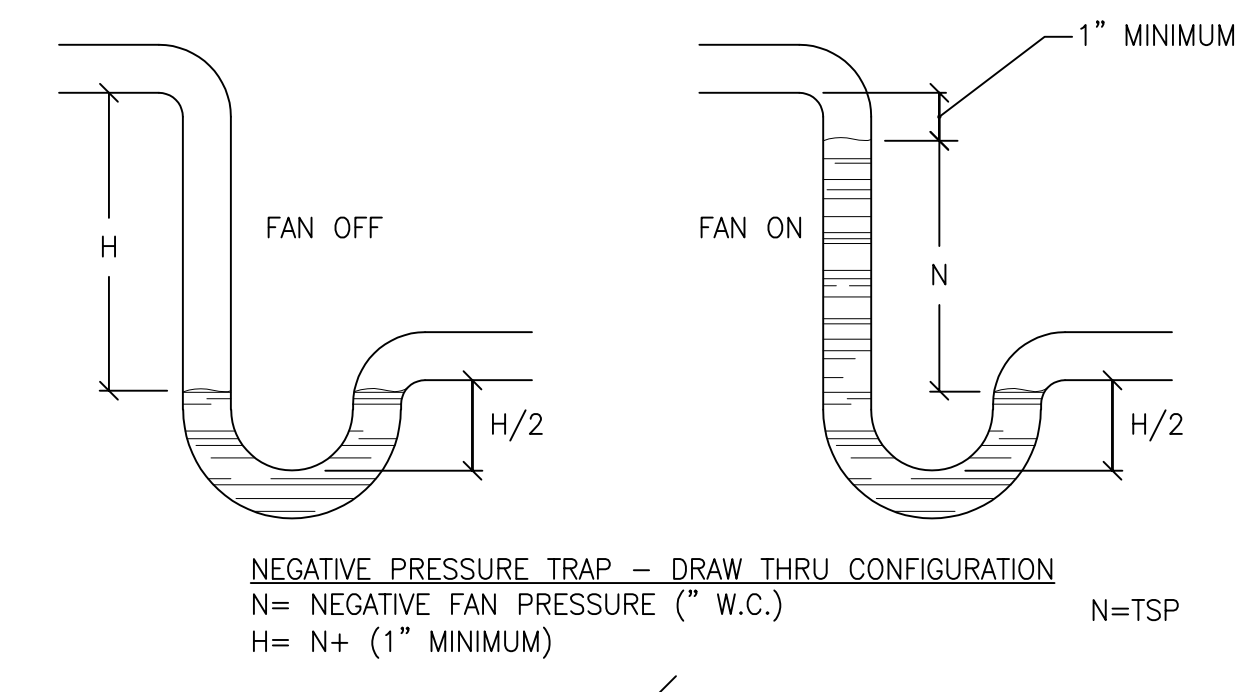
### APPLICABLE CODES

ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE REGULATIONS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

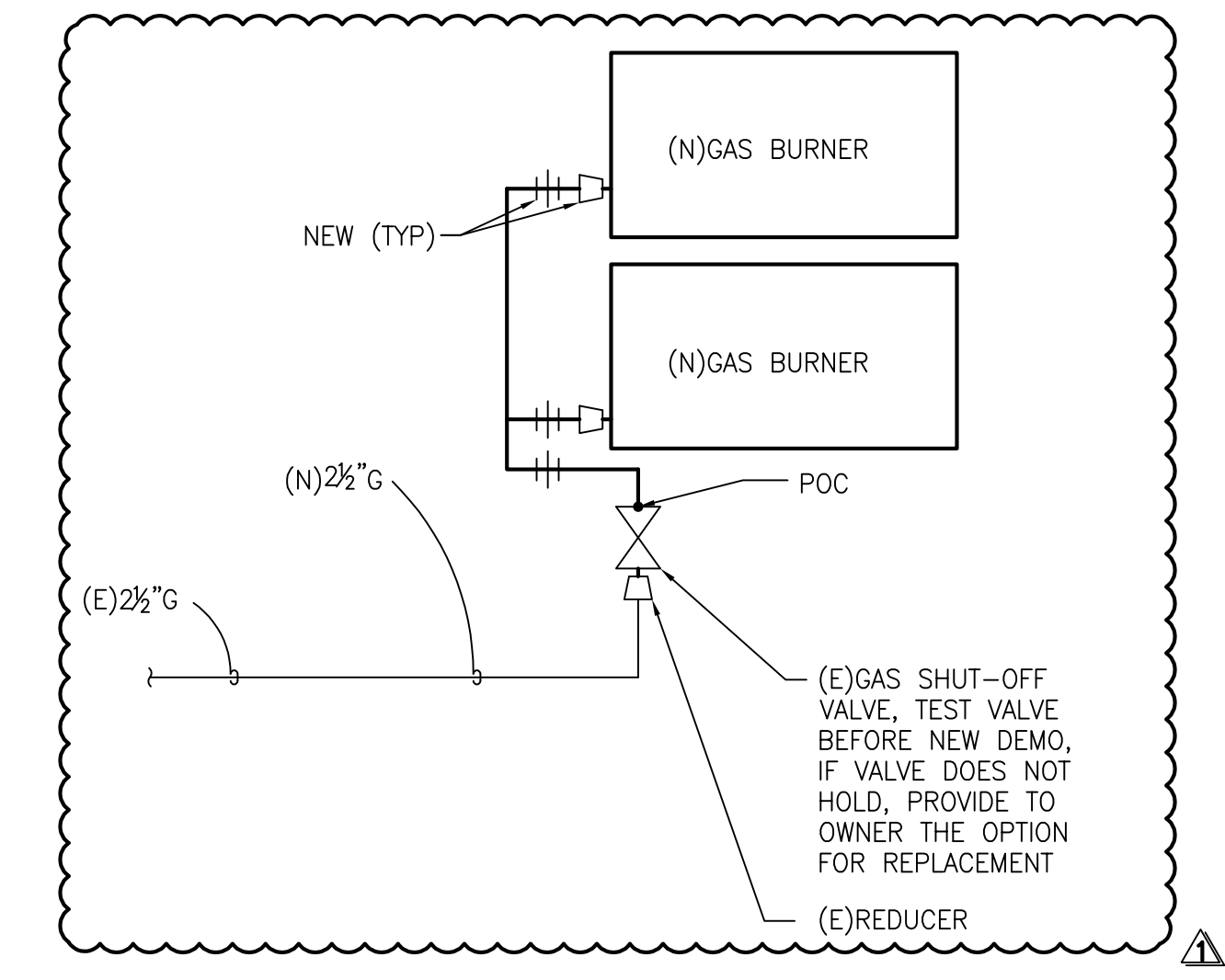
A) STATE OF CALIFORNIA CODE OF REGULATIONS (CCR) TITLE 24.

2025 EDITION OF THE CALIFORNIA BUILDING CODE.  
2025 EDITION OF THE CALIFORNIA ELECTRICAL CODE.  
2025 EDITION OF THE CALIFORNIA FIRE CODE.  
2025 EDITION OF THE CALIFORNIA MECHANICAL CODE.  
2025 EDITION OF THE CALIFORNIA PLUMBING CODE.

B) NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) LIFE SAFETY CODE.



**A** CONDENSATE DRAIN P-TRAP AT AC  
NO SCALE



**B** EQUIPMENT GAS CONNECTION DETAIL  
NO SCALE

### PLUMBING LEGEND

---	COLD WATER LINE
---	CONDENSATE DRAIN
---	FIRE SERVICE LINE
---	GAS
---	HOT WATER LINE
---	HOT WATER RETURN
---	LIQUID PETROLEUM GAS
---	OVERFLOW
---	PIPING OR EQUIPMENT TO BE REMOVED
---	RAINWATER LEADER
---	RISE OR DROP IN DIRECTION OF FLOW
---	SANITARY SOIL OR WASTE LINE
---	SECONDARY CONDENSATE DRAIN LINE
---	TRAP PRIMER LINE
---	VENT
---	CLEANOUT & WALL CLEANOUT
---	FIRE DEPARTMENT CONNECTION
---	FLOOR / GRADE CLEAN OUT
---	FLOOR DRAIN
---	HOSE BIBB / WALL HYDRANT
---	TRAP
---	TRAP PRIMER
---	BALANCING VALVE
---	BALL VALVE
---	BUTTERFLY VALVE
---	CHECK VALVE
---	FLEXIBLE CONNECTION
---	GATE VALVE
---	SHUT OFF COCK
---	PRESSURE GAUGE
---	PRESSURE REDUCING VALVE
---	REDUCER
---	PRESSURE & TEMPERATURE RELIEF VALVE
---	SHUT OFF VALVE
---	STRAINER
---	STRAINER & DRAIN VALVE WITH HOSE FITTING
---	SOLENOID VALVE
---	THERMOMETER
---	UNION

### PLUMBING ABBREVIATIONS

ABV	ABOVE
ABC, OH	ABOVE CEILING, OVERHEAD
AD	ACCESS DOOR
ADA	AMERICANS WITH DISABILITIES ACT
AFF	ABOVE FINISHED FLOOR
AIP	ABANDON IN PLACE
BR	BRANCH
CL	CENTERLINE
CO	CLEANOUT
CW	COLD WATER
DHW	DOMESTIC HOT WATER
DHWR	DOMESTIC HOT WATER RETURN
DIA, Ø	DIAMETER
FC	FLEXIBLE CONNECTION
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FSR	FIRE SPRINKLER RISER
GCO	GRADE CLEANOUT
HW	HOT WATER
HWR	HOT WATER RETURN
I.E.	INVERT ELEVATION
(N) (E)	NEW, EXISTING
NIC	NOT IN CONTRACT
POC	POINT OF CONNECTION
P, TRV	PRESSURE & TEMPERATURE RELIEF VALVE
RPPB	REDUCED PRESSURE BACKFLOW PREVENTER
(R) (D)	RISE, DROP
RD, OFL	ROOF DRAIN, OVERFLOW
RI	ROUGH-IN
RO	RUN-OUT
SMS	SHEET METAL SCREWS
SOV	SHUT OFF VALVE
TA, FA	TO ABOVE, FROM ABOVE
TB, FB	TO BELOW, FROM BELOW
TBR	TO BE REMOVED
TP	TRAP PRIMER
UG, UF	UNDERGROUND, UNDERFLOOR
UON	UNLESS OTHERWISE NOTED
UTR	UP THROUGH ROOF
V, VR, VTR	VENT, VENT RISER, VENT THRU ROOF
WT	WATERTIGHT
WCO	WALL CLEANOUT

### PIPING MATERIAL SCHEDULE

SYSTEM	LOCATION	MATERIAL		MATERIAL	
		MATERIAL	TEST METHOD	MATERIAL	TEST METHOD
CONDENSATE DRAIN	ABOVE SLAB	TYPE "M" HARD TEMPER SEAMLESS COPPER	ASTM B88	WROUGHT COPPER FITTINGS WITH 95/5 TIN-SILVER SOLDERED JOINTS	ANSI B16.22
GAS PIPE	ABOVE SLAB	SCHEDULE 40 BLACK STEEL*	ASTM A53	MALLEABLE IRON THREADED FITTINGS CLASS 150#	ASME B16.3

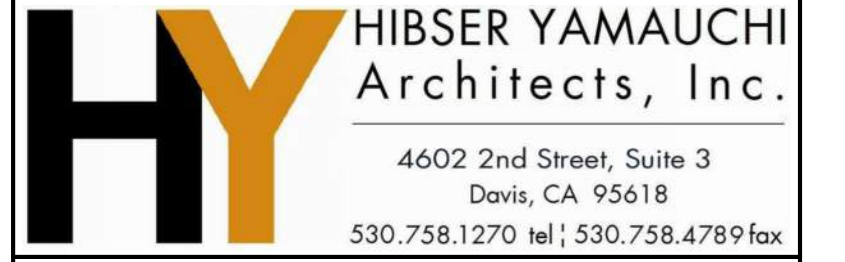
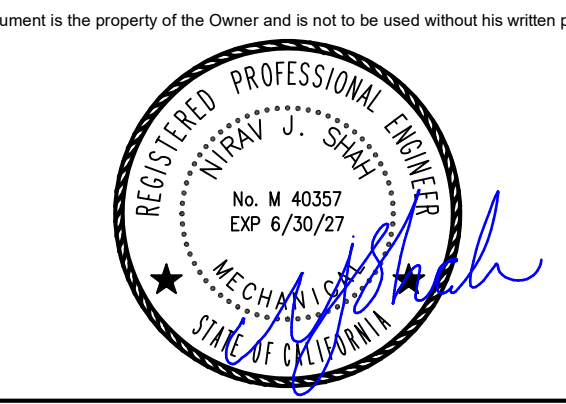
\* PRIME & PAINT ALL OUTDOOR GAS PIPING w/UV PROTECTED PAINT (GRAY).



Delta	Date	Revisions	By
1	05/14/26	Addendum #1	NS

CONSTRUCTION DOCUMENTS

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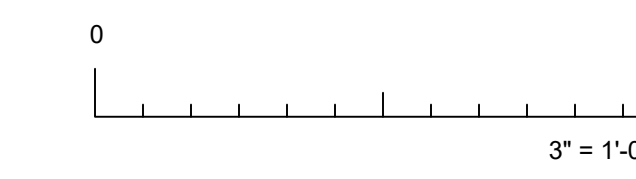
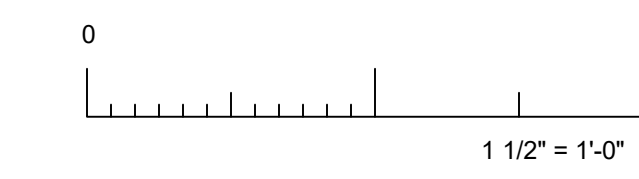
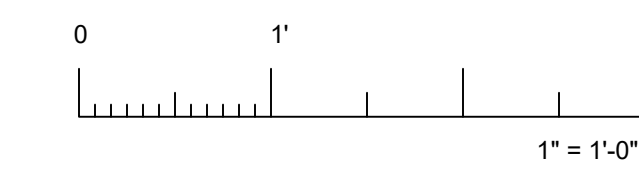
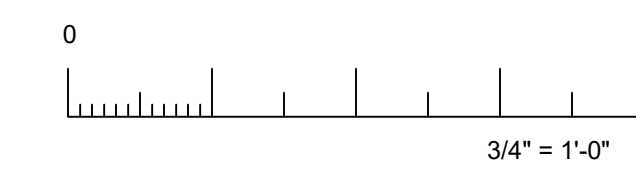
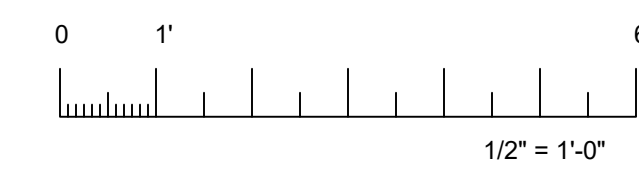
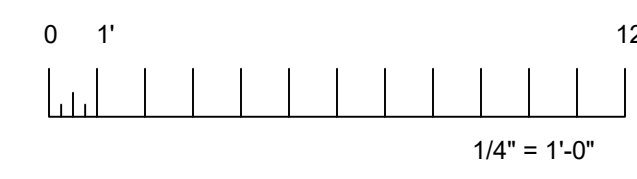
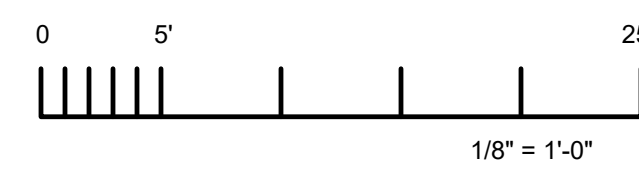
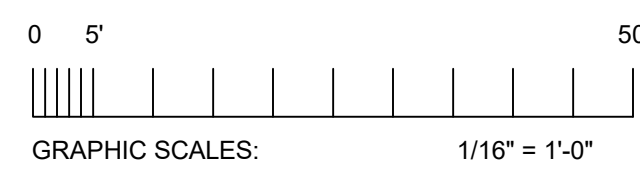


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1400 STANFORD RANCH, ROCKLIN CA 95765

Project: HVAC PACKAGE UNIT REPLACEMENT

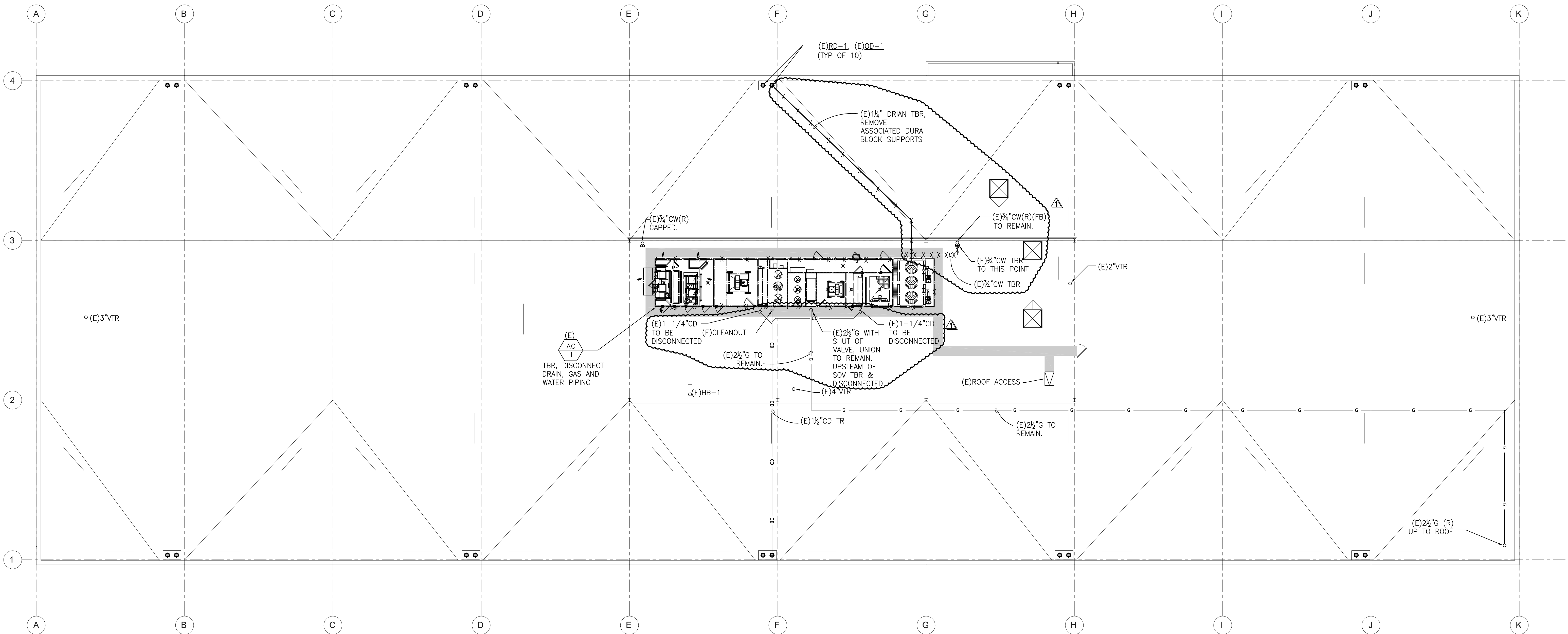
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Scale: As Indicated  
Drawn By: T&A  
Checked By: T&A  
Issue Date: JANUARY 30, 2026  
Sheet of: **P0.01**

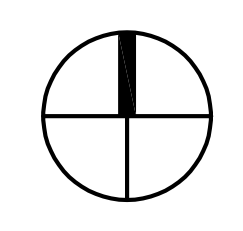


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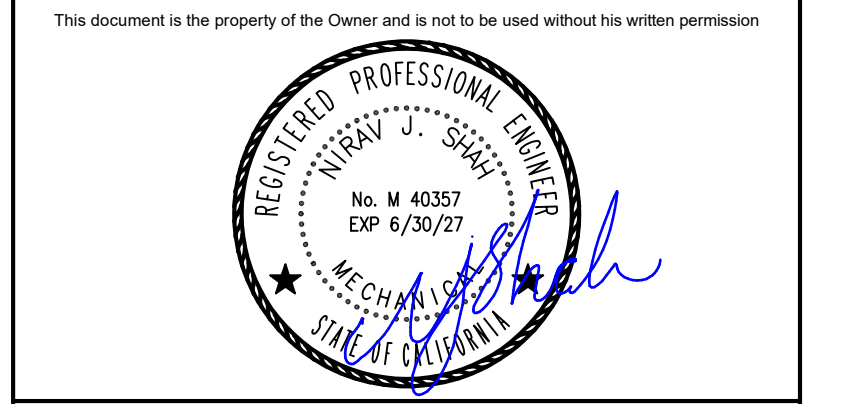


**A** DEMOLITION PLUMBING ROOF PLAN  
SCALE: 3/32" = 1'-0"



**B** GAS DEMOLITION DETAIL  
NO SCALE

<b>TURLEY MECHANICAL &amp; ASSOCIATES</b>		1100 Creekside Oaks Drive San Jose, CA 95128		(916) 225-5866 Fax: (916) 225-9000 Email: office@turley.com	
Project Engineer:	NS	Job Number:	25234	Project Manager:	NS
Project Number:	221	Plan Date:	May 20, 2026	Project Name:	NS



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HY Architects Project number: 6306

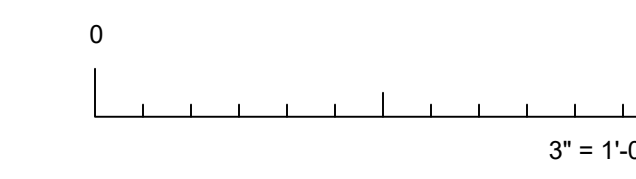
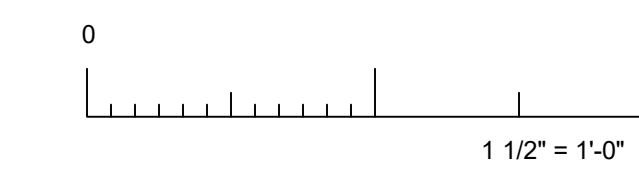
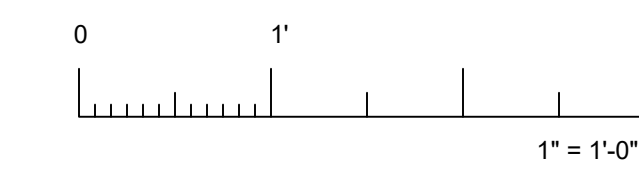
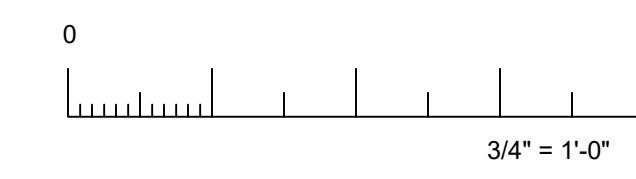
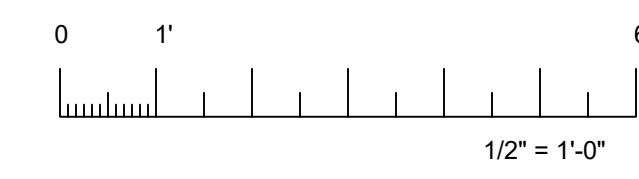
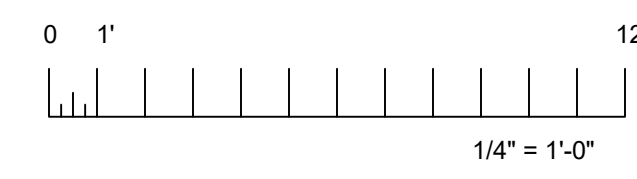
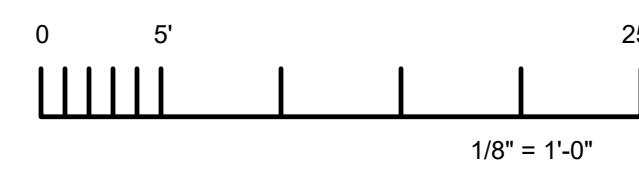
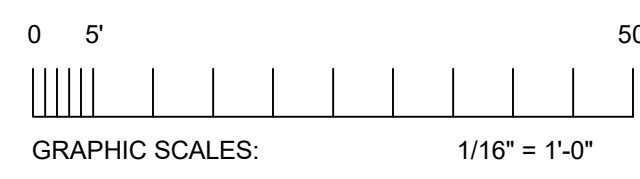
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1400 STANFORD RANCH, ROCKLIN CA 95765

Project: HVAC PACKAGE UNIT REPLACEMENT

Sheet Title: PLUMBING DEMOLITION ROOF PLAN

Client Project Number: N/A

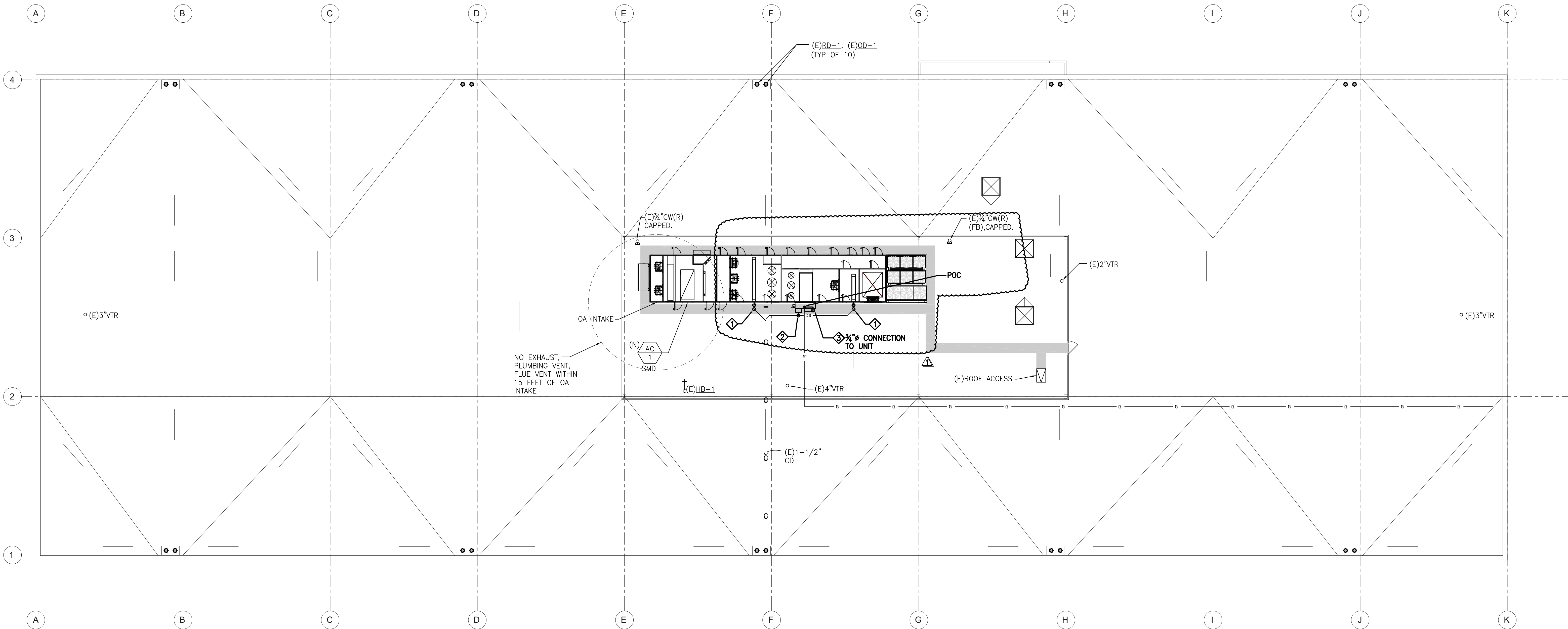
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1100 Cassaba Oaks Drive San Jose, CA 95088	(916) 225-5866 Fax: (916) 225-5055 Email: <a href="mailto:office@turley.com">office@turley.com</a>
Project Engineer: NS	Job Number: 20234
Project Manager: NS	Proj. Date: May 20, 2026 - 8:15pm
Project Designer: NS	Logon: NS

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HY Architects Project number: 6306

Facility  
NEW MAIN OFFICE  
1400 STANFORD RANCH, ROCKLIN CA 95765

Project  
HVAC PACKAGE UNIT REPLACEMENT

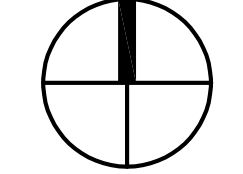
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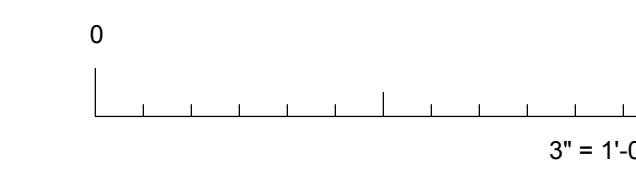
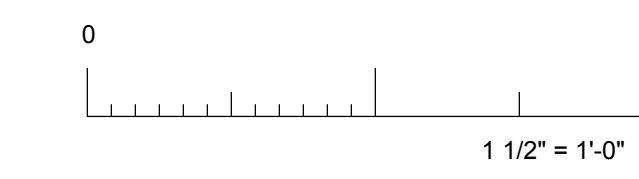
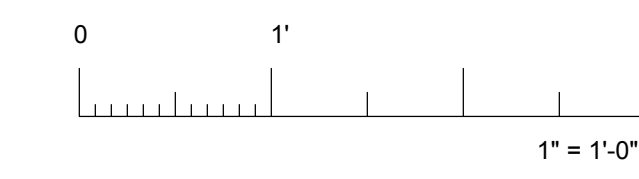
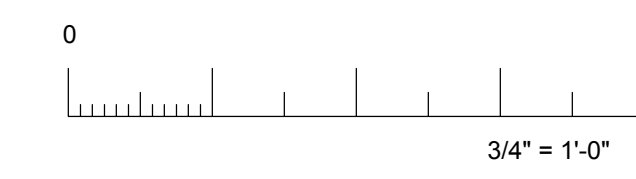
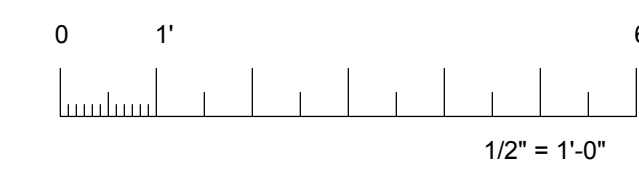
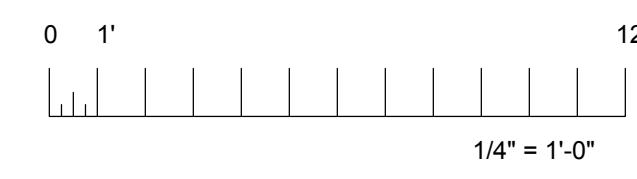
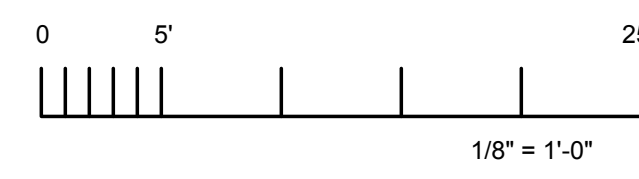
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- KEY NOTES
- (N) 1/4" CD FROM DX COILS. PROVIDE P-TRAP AND CLEAN-OUT. SEE A/P0.01.
  - (N) 1/4" CD ON ROOF SHALL HAVE MIN 1/8" FEET SLOPE TOWARD FLOW DIRECTION.
  - (N) 3/4" DRAIN FROM INDIRECT BURNER. (N) 3/4" DRAIN ON ROOF SHALL HAVE MIN 1/8" FEET SLOPE TOWARD FLOW DIRECTION.
  - (N) 2 1/2" G CONNECT TO (N) AHU. SEE B/P0.01.

**A PLUMBING ROOF PLAN**  
SCALE: 3/32" = 1'-0"





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NUMBERED NOTES

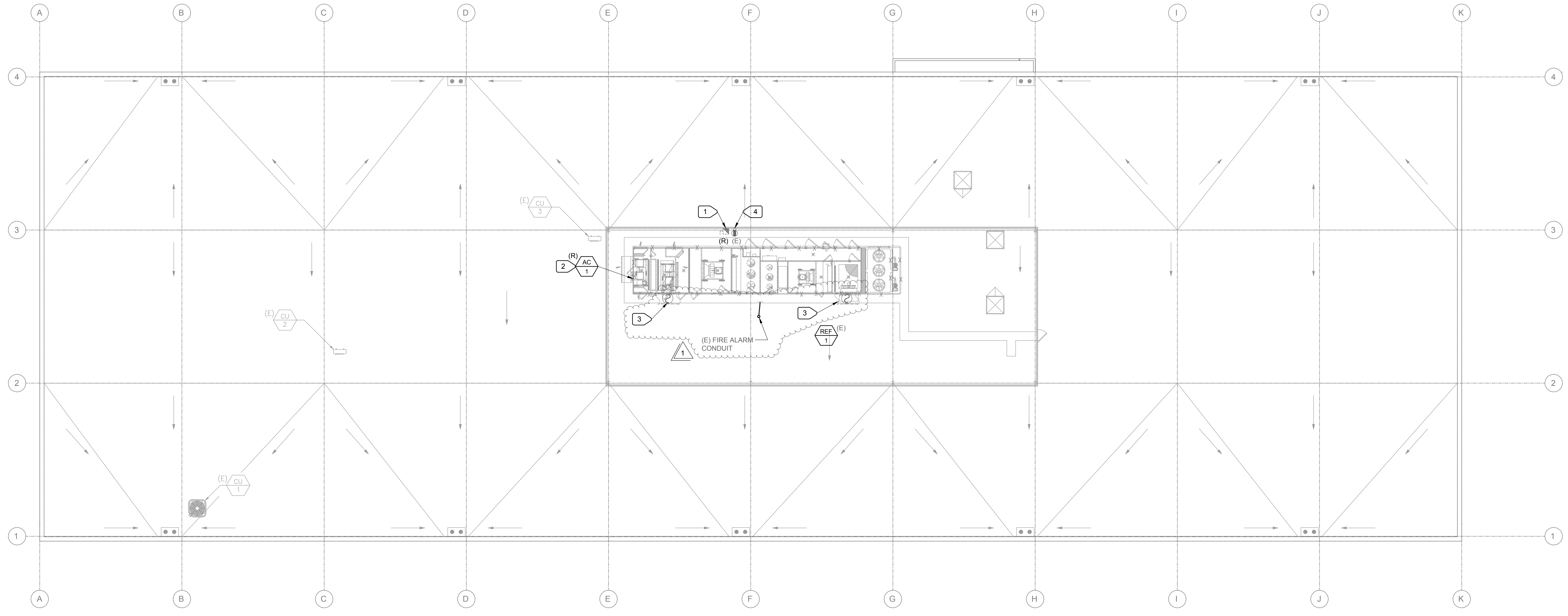
- 1 DISCONNECT AND REMOVE EXISTING DISCONNECT SWITCH. REMOVE EXISTING CONDUCTORS BACK TO MAIN SWITCHBOARD. PROTECT EXISTING CONDUITS TO MAIN SERVICE SWITCHBOARD FOR REUSE.
- 2 DISCONNECT AND REMOVE EXISTING CONDUCTORS AND CONDUIT BACK TO EXISTING DISCONNECT SWITCH.
- 3 LOCATE AND DISCONNECT EXISTING DUCT SMOKE DETECTORS AND SAMPLING TUBES. PROTECT EXISTING FIRE ALARM INITIATION CIRCUIT FOR RECONNECTION TO NEW DUCT DETECTORS. COORDINATE WITH FIRE ALARM CONTRACTOR.
- 4 EXISTING RECEPTACLE TO REMAIN. PROTECT DURING CONSTRUCTION.



Revisions	Date	Revisions	By
Δ	5/14/2026	ADDENDUM #1	YJV

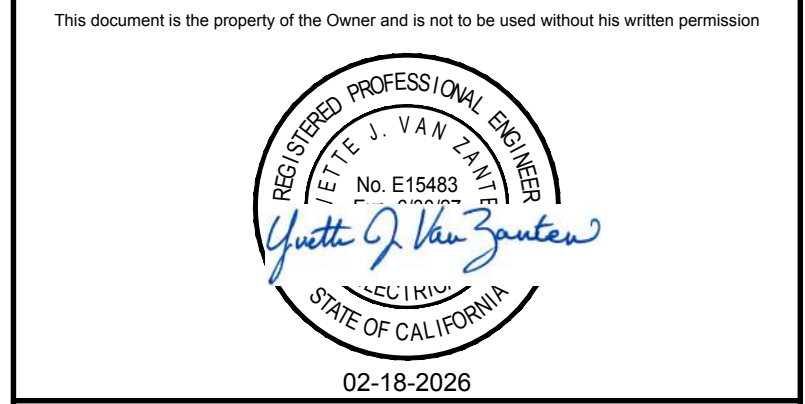
CONSTRUCTION DOCUMENTS

AGENCY APPROVAL



1 ROOF PLAN - DEMOLITION ELECTRICAL  
E2.10 SCALE: 3/32" = 1'-0"

**M. NEILS ENGINEERING INC.**  
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Tel: 916.923-4400  
PROJECT #: 25281.21



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530.758.1270 tel | 530.758.4789 fax

Facility  
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Project  
HVAC PACKAGE UNIT REPLACEMENT

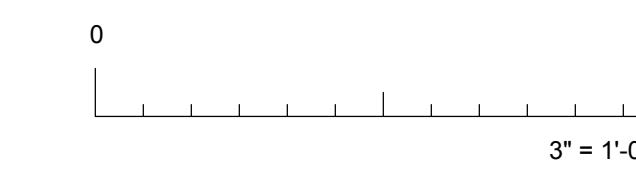
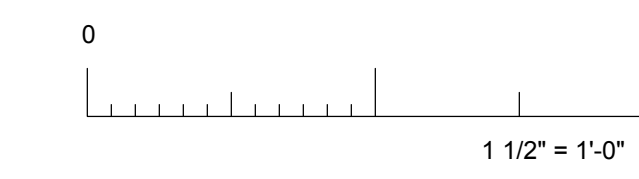
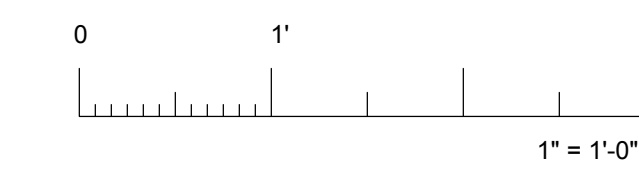
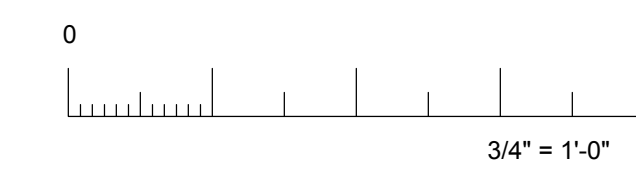
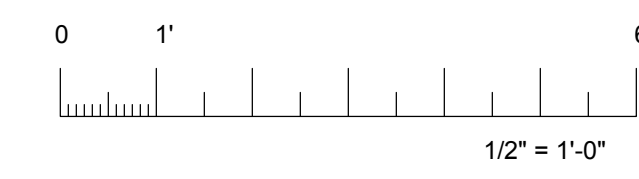
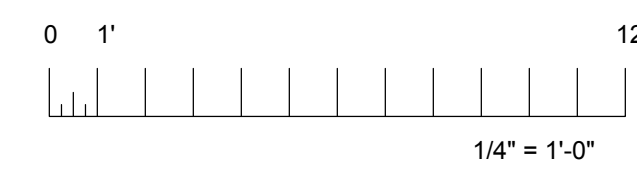
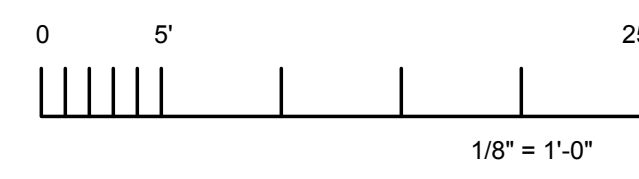
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Client Project Number: N/A

Scale: As indicated  
Drawn By: NAK  
Checked By: SKL  
Issue Date: January 30, 2026

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of  
**E2.10**

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NUMBERED NOTES

- 1 PROVIDE NEMA 3R MOTOR RATED FUSED DISCONNECT SWITCH WITH OVERLOAD PROTECTION AND LOCKABLE COVER. PROVIDE WITH FUSES SIZED TO EQUIPMENT NAMEPLATE REQUIREMENT. COORDINATE EXACT LOCATION OF DISCONNECT SWITCH WITH MECHANICAL. OPERABLE HANDLE OF DISCONNECT SWITCH SHALL BE NO HIGHER THAN 6'-6". REFER TO DETAIL "2/E0.01".
- 2 PROVIDE 3" CONDUIT WITH 6 #4/0, AND 1 #2 GND FROM DISCONNECT SWITCH TO "AC/1" CONTROL/POWER PANEL. COORDINATE WITH MECHANICAL FOR EXACT LOCATION OF POWER ENTRY. CONDUIT WITHIN UNIT MAY BE FLEXIBLE METAL CONDUIT. CONDUIT EXPOSED TO WEATHER SHALL BE RSC.
- 3 NEW DUCT DETECTORS PROVIDED BY HVAC MANUFACTURER. LOCATE (E) FIRE ALARM INITIATION LOOP. EXTEND TO NEW DUCT SMOKE DETECTORS AND CONNECT. PROVIDE MONITOR MODULES AS NECESSARY TO ENSURE COMPATIBILITY OF NEW DUCT DETECTORS WITH EXISTING FIRE ALARM SYSTEM. FIRE ALARM SYSTEM SHALL BE REPROGRAMMED AS REQUIRED TO ACTIVATE DUCT DETECTORS. PROVIDE TERMINAL BLOCK IF EXISTING FIRE ALARM WIRING IS NOT LONG ENOUGH TO REACH NEW DETECTOR LOCATIONS. SPLICES ARE NOT ALLOWED IN FIRE ALARM WIRING.
- 4 LOCATE JUNCTION BOX TO INTERCEPT EXISTING CONDUITS. EXTEND NEW CONDUIT TO NEW DISCONNECT SWITCH.
- 5 SUPPORT NEW 3" RSC CONDUIT ON STRUT CHANNEL ON EXISTING TOP RAIL OF EXISTING STEEL FENCE. REFER TO DETAIL "3/E0.01". SUPPORT ALONG FENCE THEN ACROSS TO DISCONNECT SWITCH. CONDUIT SHALL BE 6'-8" MINIMUM. PROVIDE SUPPORTS WITHIN 3FT. OF JUNCTION BOX AND CONDUIT BENDS.

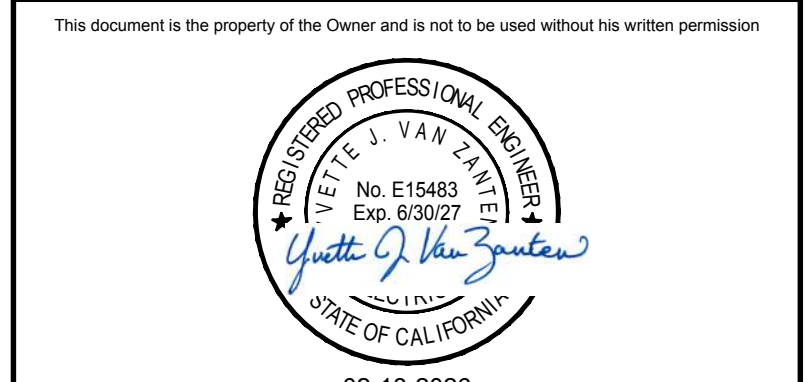


Revisions	Date	Revisions	By
Δ	5/14/2026	ADDENDUM #1	YJV

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AGENCY APPROVAL

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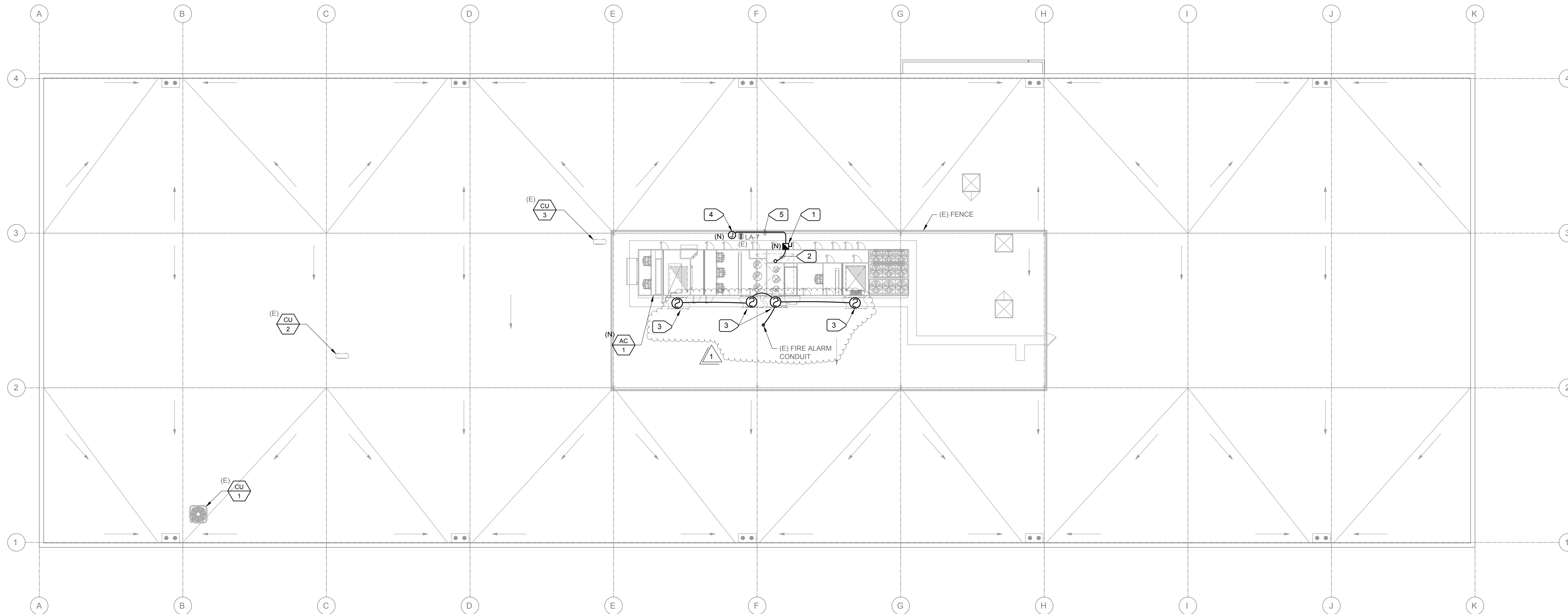
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 HVAC PACKAGE UNIT  
 REPLACEMENT

Sheet Title  
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 ELECTRICAL

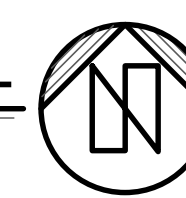
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Scale: As indicated  
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 Checked By: SKL  
 Issue Date: January 30, 2026

Sheet  
**E2.11**  
 Sheet of



1 ROOF PLAN - REMODEL ELECTRICAL  
 E2.11 SCALE: 3/32" = 1'-0"



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