0 5' 50' GRAPHIC SCALES: 1/16" = 1'-0"
0 5' 25' 1/8" = 1'-0"
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0 1' 3" = 1'-0"

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

GENERAL NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF GOVERNING CODES LISTED IN "APPLICABLE CODES" AND ALL GOVERNING LOCAL CODES AND REGULATIONS.
2. 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.
3. UNLESS STATED OTHERWISE IN THE SPECIFICATIONS, SPECIAL INSPECTION IS REQUIRED FOR SHOP AND FIELD STRUCTURAL WELDING.
4. 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.
5. 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.
6. 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 OPENING FOR CLARIFICATION. OTHERWISE, THE MOST RESTRICTIVE REQUIREMENT SHALL BE IN FORCE AT NO ADDITIONAL COST TO THE OWNER.
7. 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 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.
8. 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.
9. 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.
10. THE CONTRACTOR SHALL LIMIT HIS / HER ACTIVITY TO THE AREA DESCRIBED WITHIN THE DOCUMENTS UNLESS OTHERWISE PERMITTED BY THE OWNER'S REPRESENTATIVE.
11. 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.
12. WHERE EXISTING CONSTRUCTION AND FINISHES ARE CUT, DAMAGED, OR REMODELED, PATCH WITH MATERIALS TO MATCH IN KIND, QUALITY, PERFORMANCE CHARACTERISTICS, AND APPEARANCE.
13. 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.
14. 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.
15. ALL ITEMS IN THESE DRAWINGS ARE NEW UNLESS OTHERWISE NOTED.
16. 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.
17. 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 CONTRACTOR'S WORK, EXCEPT AS TO DEFECTS WHICH MAY DEVELOP IN OTHER CONTRACTOR'S WORK AFTER EXECUTION OF THIS CONTRACTOR'S WORK.
18. 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.
19. 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.
20. CONSTRUCTION PROCEDURES SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO THE START OF CONSTRUCTION.
21. 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.
22. 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.
23. 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.
24. 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..
25. ALL PIPE AND DUCT PENETRATIONS THROUGH FIRE RATED CONSTRUCTION SHALL BE FIRE STOPPED AND SEALED TO MAINTAIN THE REQUIRED RATING.
26. 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.
27. 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.
28. WORK SHALL BE EXECUTED IN A CAREFUL AND ORDERLY MANNER WITH THE LEAST POSSIBLE DISTURBANCE TO PUBLIC AND TO OCCUPANTS OF EXISTING BUILDING.
29. 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 (CFC), 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	2019 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
AUBURN, CA, 95603
CONTACT: MARTIN FREGOSO

CONSULTANTS

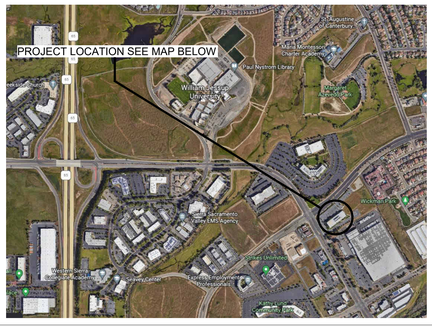
ARCHITECT
HIBSER YAMAUCHI ARCHITECTS, INC. TEL. (510) 446-2222
4602 2ND STREET, FAX (510) 446-2211
DAVIS, CA 95618
CONTACT: HOWARD CHO

MECHANICAL / PLUMBING
TURLEY & ASSOCIATES TEL. (916) 325-1065
2431 CAPITOL AVE
SACRAMENTO, CA 95816
CONTACT: NIRAV SHAH

ELECTRICAL / COMMUNICATIONS
M.NEILS ENGINEERING INC. TEL. (916) 923-4400
100 HOWE AVE #235N
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	
FIRST FLOOR	*34,739 SF*
SECOND FLOOR	*34,900 SF*
TOTAL	69,639 SF
SPRINKLER PROTECTION	YES (WET)
FIRE ALARM SYSTEM	AUTOMATIC
SMOKE CONTROL SYSTEM	NO
RISK CATEGORY	III
PROJECT AREA (TENANT IMPROVEMENTS)	SF

SCOPE OF WORK

1. 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).

INDEX OF DRAWINGS

PCOE GOLD IN EDUCATION

Revisions

Delta	Date	Revisions	By

-

CONSTRUCTION DOCUMENTS

AGENCY APPROVAL

LICENSED ARCHITECT HOWARD CHO C-39694 11-30-2027 RENEWAL DATE STATE OF CALIFORNIA

HIBSER YAMAUCHI Architects, Inc.
4602 2nd Street, Suite 3
Davis, CA 95618
530.758.1270 tel ¦ 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: SH/LDM
Checked By: HC
Issue Date: July 21, 2023
Revit Version: 2023

Sheet **A0.01**
Sheet of

C:\Users\WyattStarr\Documents\6306.000 PCOE- 1400 W Stanford Ranch- HVAC Package Unit Replacement_detached_wstarr26JXZ.rvt
2/18/2026 9:57:02 AM

GRAPHIC SCALES: 1/16" = 1'-0" | 1/8" = 1'-0" | 1/4" = 1'-0" | 1/2" = 1'-0" | 3/4" = 1'-0" | 1" = 1'-0" | 1 1/2" = 1'-0" | 3" = 1'-0"

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ABBREVIATIONS

&	AND
@	AT
℄	CENTERLINE
Ø	DIAMETER
#	POUND OR NUMBER
A/C	AIR CONDITIONING
AC	ASPHALTIC CONCRETE
ACOUS	ACOUSTICAL
ACT	ACOUSTIC CEILING TILE
ADD	ADDITIONAL
ADJ	ADJACENT
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
ALUM	ALUMINIUM
ANOD	ANODIZED
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
BITUM	BITUMINOUS
BD	BOARD
BLDG	BUILDING
BLKG	BLOCKING
BOT	BOTTOM
BTWN	BETWEEN
BUR	BUILT-UP ROOFING
CAB	CABINET
CB	CATCH BASIN
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
CG	CORNER GUARD
CJ	CONTROL JOINT
CLG	CEILING
CLO	CLOSET
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CO	CLEAN OUT
COL	COLUMN
COMP	COMPOSITION
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CORR	CORRIDOR
CT	CERAMIC TILE
CUST	CUSTODIAN
DBL	DOUBLE
DEMO	DEMOLITION
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DI	DRAIN OR DROP INLET
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DISP	DISPENSER
DIV	DIVISION
DN	DOWN
DS	DOWNSPOUT
DTL	DETAIL
DW	DISHWASHER
DWG	DRAWING
(E)	EXISTING
E	EAST
EA	EACH
EF	EXHAUST FAN
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
ENCL	ENCLOSURE
EQ	EQUAL
EQUIP	EQUIPMENT
EVA	EMERGENCY VEHICLE ACCESS
EWC	ELECTRICAL WATER COOLER
EXP	EXPANSION
EXT	EXTERIOR
FA	FIRE ALARM
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISH FLOOR
FIN	FINISH
FLR	FLOOR
FO	FACE OF
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOS	FACE OF STUD
FRP	FIBERGLASS REINFORCED PANEL
FT	FOOT OR FEET
FTG	FOOTING
GA	GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GSM	GALVANIZED WHEET METAL
GYP	GYPSUM
HB	HOSE BIB
HC	HOLLOW CORE
HD	HEAD
HDWR	HARDWARE
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HR	HOUR
HT	HEIGHT
INFO	INFORMATION
INSUL	INSULATION
INT	INTERIOR
JAN	JANITOR
JT	JOINT
LAB	LABORATORY
LAM	LAMINATE
LAV	LAVATORY
LBS	POUNDS
LT	LIGHT
MAX	MAXIMUM
MB	MACHINE BOLT
MDF	MEDIUM DENSITY FIREBOARD
MECH	MECHANICAL
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MOD	MODULAR
MTD	MOUNTED
MTG	MOUNTING
MTL	METAL
MUL	MULLION
(N)	NEW
N/A	NOT APPLICABLE
N	NORTH
NIC	NOT IN CONTRACT
NO or #	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
O/	OVER
OC	ON CENTER
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED OWNER INSTALLED
OPP	OPPOSITE
PL	PLATE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLYWD	PLYWOOD
PR	PAIR
PTD	PAPER TOWEL DISPENSER
PVC	POLYVINYL CHLORIDE
(R)	RELOCATE
RB	RESILIENT OR RUBBER BASE
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REF	REFERENCE
REFR	REFRIGERATOR
REINF	REINFORCED
REQ	REQUIRED
RF	RESILIENT FLOORING
RM	ROOM
RO	ROUGH OPENING
RWL	RAIN WATER LEADER
S	SOUTH
SC	SOLID CORE
SCD	SEE CIVIL DRAWINGS
SCHED	SCHEDULE
SD	SOAP DISPENSER
SED	SEE ELECTRICAL DRAWINGS
SF	SQUARE FEET
SFPD	SEE FIRE PROTECTION DRAWINGS
SHT	SHEET
SIM	SIMILAR
SLD	SEE LANDSCAPE DRAWINGS
SMD	SEE MECHANICAL DRAWINGS
SMS	SHEET METAL SCREW
SND	SANITARY NAPKIN DISPENSER
SPD	SEE PLUMBING DRAWINGS
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
SSD	SEE STRUCTURAL DRAWINGS
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL
SUSP	SUSPEND
TEL	TELEPHONE
TEMP	TEMPORARY
THK	THICK
T.O.	TOP OF
TOC	TOP OF CURB
TOP	TOP OF PARAPET
TOS	TOP OF SLAB
TOW	TOP OF WALL
TPD	TOILET PAPER DISPENSER
TV	TELEVISION
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
W	WEST
w/	WITH
W/O	WITHOUT
WC	WATER CLOSET
WD	WOOD
WH	WATER HEATER

SYMBOLS

GRID LINE

BUILDING ELEVATION
- ELEVATION IDENTIFICATION
- SHEET WHERE ELEVATION IS SHOWN

BUILDING OR WALL SECTION
- SECTION IDENTIFICATION
- SHEET WHERE SECTION IS SHOWN

DETAIL
- DETAIL IDENTIFICATION
- SHEET WHERE DETAIL IS SHOWN

INTERIOR ELEVATION(S)
- DETAIL NO. OF ELEVATION
- NO ARROWS MEAN ELEVATION NOT SHOWN
- SHEET WHERE ELEVATION IS SHOWN
- ELEVATION IDENTIFICATION

WORK POINT, CONTROL POINT OR DATUM POINT

REVISIONS
- REVISION NUMBER, SEE REVISION SCHEDULE ON TITLE BLOCK
- AREA OF REVISION

ROOM IDENTIFICATION
- CORR — ROOM NAME
- CORRD — KAISER ROOM CODE NAME
- 2088 — ROOM NUMBER
- 9'-0" — CEILING HEIGHT (OTHER THAN EXISTING OR 8'-0" A.F.F.)

KEYNOTE TAG
- 00.00 — REFER TO KEYNOTE LIST LOCATED ON PLAN SHEETS

AREA OF NO WORK

DOOR TAG (SEE DOOR SCHEDULE)
- 1 — DOOR MARK
- K — HARDWARE GROUP

1 — DOOR MARK

(E) DOOR TO REMAIN

(E) DOOR TO BE REMOVED

(N) DOOR & DOOR FRAME

WALL TAG

X# — WALL TYPE - REFER TO DRAWING SHEET A9.01

WINDOW TAG (SEE WINDOW SCHEDULE)
- # — WINDOW MARK

CASEWORK TAG
- TYPE / W H D / COMMENTS
- CASEWORK TYPE; REFER TO WI NORTH AMERICAN ARCHITECTURAL WOODWORK & KAISER CASEWORK STANDARDS
- CASEWORK DIMENSIONS
- CUSTIMIZATIONS & SPECIALTY HARDWARE

PCOE
GOLD IN EDUCATION

#	Revisions		
Delta	Date	Revisions	By

-

CONSTRUCTION DOCUMENTS

AGENCY APPROVAL

LICENSED ARCHITECT — LEONARDO HIBSER — C-39694 — 11-30-2027 RENEWAL DATE — STATE OF CALIFORNIA

HIBSER YAMAUCHI Architects, Inc.
4602 2nd Street, Suite 3
Davis, CA 95618
530.758.1270 tel | 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
SYMBOLS, LEGENDS AND ABBREVIATIONS

Client Project Number: N/A

Scale:	12" = 1'-0"
Drawn By:	Author
Checked By:	HC
Issue Date:	July 21, 2023
Revit Version:	2023

Sheet **A0.02**

Sheet of

0 5' 50' GRAPHIC SCALES: 1/16" = 1'-0"
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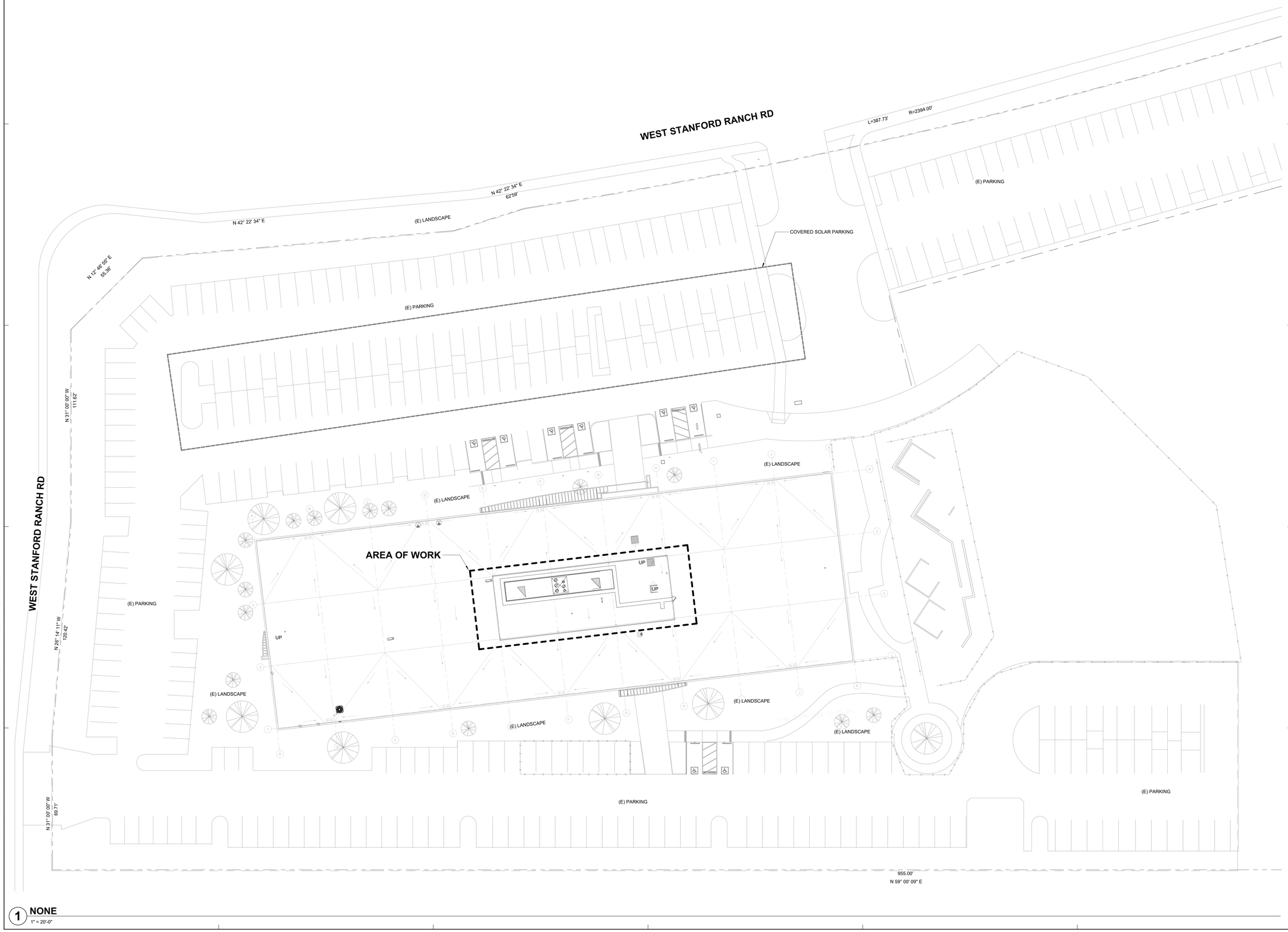

1 NONE
1" = 20'-0"

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2/18/2026 9:57:04 AM

PCOE
GOLD IN EDUCATION

Revisions

Delta	Date	Revisions	By

-

CONSTRUCTION DOCUMENTS

AGENCY APPROVAL

LICENSED ARCHITECT RICHARD S. HIBSER C-39694 11-30-2027 RENEWAL DATE STATE OF CALIFORNIA

HIBSER YAMAUCHI Architects, Inc.
4602 2nd Street, Suite 3
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530.758.1270 tel | 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
SITE PLAN

Client Project Number: N/A

Scale: 1" = 20'-0"
Drawn By: LDM/SH
Checked By: HC
Issue Date: July 21, 2023
Revit Version: 2023

Sheet
A1.01
Sheet of

GRAPHIC SCALES: 1/16" = 1'-0" | 1/8" = 1'-0" | 1/4" = 1'-0" | 1/2" = 1'-0" | 3/4" = 1'-0" | 1" = 1'-0" | 1 1/2" = 1'-0" | 3" = 1'-0"

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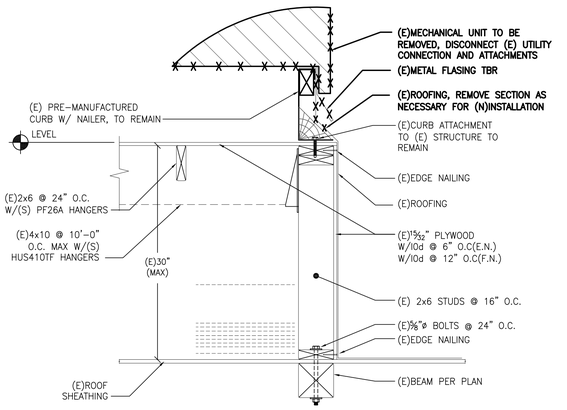
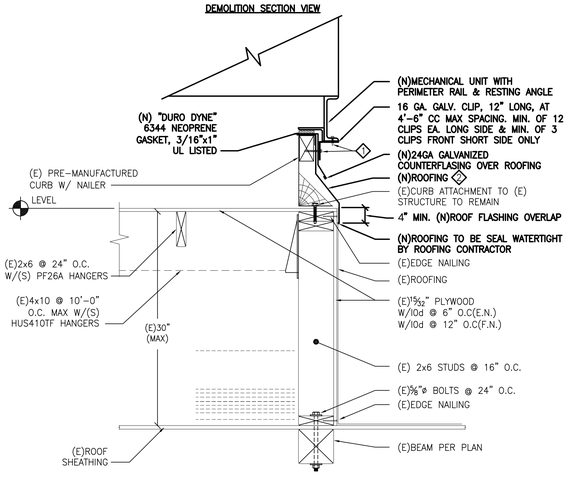


DEMOLITION SECTION VIEW



① SECURE CLIP TO UNIT FRAME W/ (4)-#10 SMS & TO CURB W/ (4)#10x2½" LONG WOOD SCREWS W/ EPDM WASHERS

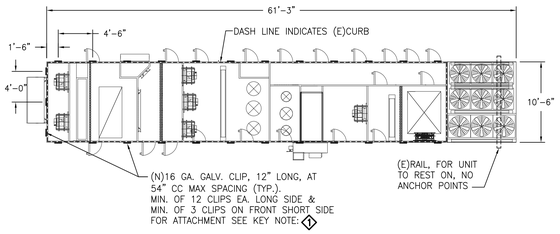
NEW SECTION VIEW

② (N)60 MIL SINGLE-PLY ROOF FLASHING UP AND OVER CURB

ROOF FINISH NOTES:

1. NEW ROOFING SHALL BE OF MATERIALS AND INSTALLED PER MFR RECOMMENDATIONS TO MAINTAIN OWNER'S EXISTING 30 YEAR 'NDL' ROOF WARRANTY.

2. EXISTING ROOF SYSTEM: 60 MIL WHITE TREMCO 'KEE' MECHANICALLY FASTENED SINGLE-PLY MEMBRANE O/ BUR



PLAN VIEW - NEW UNIT

A UNIT MOUNTING DETAIL

NO SCALE

EXISTING MECHANICAL EQUIPMENT SCHDULE (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 SCHDULE

(N) AC 1

AIR2O 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"W.C. ESP/4.34"W.C. TSP. (2)RETURN FAN WALL, EC MOTORS, 3.5KW ACTUAL POWER/4.4 KW NOMINAL POWER EACH, 2.0"W.C. ESP/3.15"W.C. TSP. (2)OUTSIDE AIR FAN WALL, EC MOTORS, 3.4KW ACTUAL POWER/4.2 KW NOMINAL POWER EACH, 1.0"W.C. ESP/2.6"W.C. TSP. (2)DX COILS, 5 ROWS, 11 FPI, 0.471"W.C. AIR PD. (2)SCROLL COMPRESSORS AND (2)DIGITAL COMPRESSORS. REFRIGERANT R454B.

HEATING/COOLING SECTION 13,500 CFM, COOLING CAPACITY 553.5 MBH TOTAL/447.2 MBH SENSIBLE. INDIRECT NATURAL GAS HEATER, 400 MBH INPUT/324 MBH OUTPUT, 5-13.5"W.C. GAS INLET PRESSURE. (3)SUPPLY FAN WALL, EC MOTORS, 4.6KW ACTUAL POWER/5.8 KW NOMINAL POWER EACH, 2.0"W.C. ESP/4.3"W.C. TSP. (2)RETURN FAN WALL, EC MOTORS, 3.9KW ACTUAL POWER/5.0 KW NOMINAL POWER EACH. (1)DX COILS, 8 ROWS, 10 FPI, 0.887"W.C. AIR PD. (1)SCROLL COMPRESSORS AND (1)DIGITAL COMPRESSORS. REFRIGERANT R454B.

92" ENERGY RECOVER WHEEL, 0.178 KW, 0.46" SUPPLY AIR PD, 0.42" RETURN AIR PD.

2.0" MERV 8 PRE-FILTER AND 4.0" MERV 13 POST FILTER.

TOTAL EFFICIENCY: EER/IEER 11.2/12.97, AFUE 81%.

SINGLE POWER CONNECTION, 460V/3ø/60HZ, FLA 421, MCA 434, MOCP 450.

UNIT OPERATING WEIGHT: 35,000 LBS.

MANUFACTURE PROVIDE AUTOMATED LOGIC CONTROLLER CAPABLE OF BACNET OR MODBUS SERIAL COMMUNICATION, NEW CONTROLLER SHALL BE COMPATIBLE W/ (E)BMS OF THE BUILDING

CONTRACTOR TO INSTALL DUCT SMOKE DETECTORS AT MAIN SUPPLY DUCT/PLENUM. (1) AT COOLING ONLY BRANCH AND ONE AT HEATING/COOLING SECTION.

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

CD	CONDENSATE DRAIN
G	GAS
	PIPING OR EQUIPMENT TO BE REMOVED
	RISE OR DROP IN DIRECTION OF FLOW
	CLEANOUT & WALL CLEANOUT
	TRAP

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
DIA, 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, 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

1. 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.

2. 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 WIHT 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 ENERGY 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.

1. 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:

2. 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

— / —	UNIT TYPE / UNIT NUMBER
— / —	DETAIL NUMBER / SHEET NUMBER ON WHICH DETAIL IS FOUND
— / —	SECTION NUMBER / SHEET ON WHICH SECTION IS FOUND
10x12 AL	ACOUSTICALLY LINED DUCT - DIMENSIONS ARE OUTSIDE
	BRANCH TAKE-OFF WITH SPLITTER DAMPER & W/ THROAT SIZE AS INDICATED. TRANSITION TO DUCT SIZES SHOWN.
R(D)	DUCT RISE (DROP) IN DIRECTION OF AIR FLOW
8x10	DUCT - WIDTH x DEPTH
	LATERAL WITH CONICAL TRANSITION TO DUCT SIZES INDICATED
	CONICAL TEE FROM RECTANGULAR TO ROUND BRANCH
	45° ENTRY TEE, RECTANGULAR BRANCH, RECTANGULAR MAIN
RADIUS=1.5xø	45° WYE, CONICAL MAIN AND BRANCH WITH 45° ELBOW, BRANCH 90° TO MAIN
AE	TEE WITH ADJUSTABLE EXTRACTOR. RECTANGULAR MAIN, RECTANGULAR BRANCH
	RADIUS ELL. SEE SPECS.
	SQUARE ELL WITH TURNING VANES
6"ø 6x6	TRANSITION ROUND TO RECTANGULAR
	VERTICAL DUCT RISE OR DROP
	DUCTS, PIPES, OR EQUIPMENT TO BE REMOVED
	DUCT DROP OR RISE THRU ROOF OR FLOOR
	RETURN, OUTSIDE, OR EXHAUST AIR DUCT
	SUPPLY DUCT
AD	ACCESS DOOR
	AUTOMATIC CONTROL DAMPER
MAD	MANUAL AIR DAMPER
	VOLUME DAMPER WITH REMOTE BALANCING DEVICE
F	FIRE DAMPER
FS	FIRE SMOKE DAMPER
SD	SMOKE DETECTOR
DSP	DUCT STATIC PRESSURE SENSOR
1 STAT	THERMOSTAT

MECHANICAL ABBREVIATIONS

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

PCOE GOLD IN EDUCATION

Revisions

Delta	Date	Revisions	By

CONSTRUCTION DOCUMENTS

AGENCY APPROVAL

TURLEY & ASSOCIATES | MECHANICAL ENGINEERING GROUP, INC.
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Project Manager:	NS	Plot Date:	Jan 29, 2026 - 4:14pm
Project Drafter:	GH	Login:	NShah

X-REF: 25035_2025-10-03_ZH

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HY Architects Project number: 6306

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Project

HVAC PACKAGE UNIT REPLACEMENT

Sheet Title

MECHANICAL LEGENDS, SCHEDULES, NOTES, AND DETAILS

Client Project Number: N/A

Scale: As indicated
Drawn By: T&A
Checked By: T&A
Issue Date: JANUARY 30, 2026

Sheet **M0.01**

Sheet of

GRAPHIC SCALES: 1/16" = 1'-0" | 1/8" = 1'-0" | 1/4" = 1'-0" | 1/2" = 1'-0" | 3/4" = 1'-0" | 1" = 1'-0" | 1 1/2" = 1'-0" | 3" = 1'-0"

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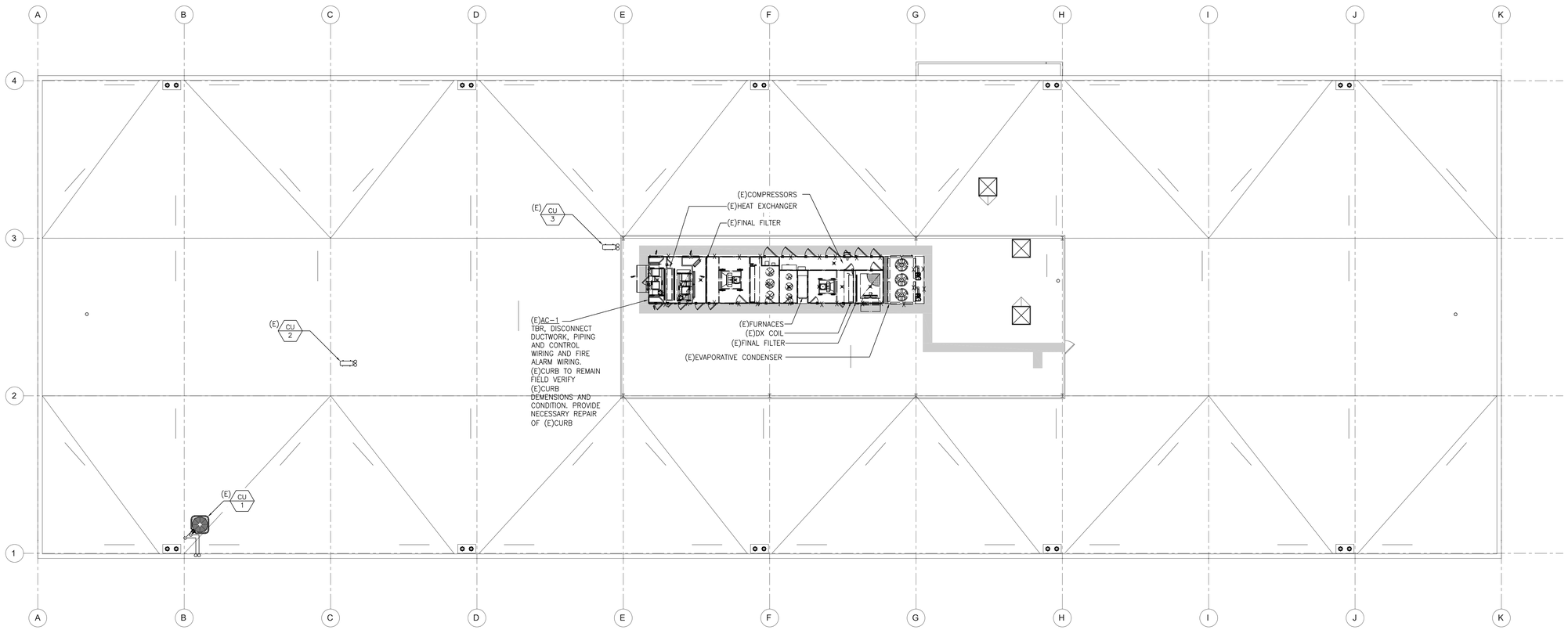

A DEMOLITION MECHANICAL ROOF PLAN

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).

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(916) 325-1065 FAX: (916) 325-1075 Email: office@turleymech.com

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Project Drafter:	ZH	Login: NShah	

REGISTERED PROFESSIONAL ENGINEER — NISHAD J. SHAH — No. M 40357 EXP 6/30/27 — MECHANICAL — STATE OF CALIFORNIA

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Project

HVAC PACKAGE UNIT REPLACEMENT

Sheet Title

MECHANICAL DEMOLITION ROOF PLAN

Client Project Number: N/A

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Issue Date:	JANUARY 30, 2026

Sheet **M3.11**

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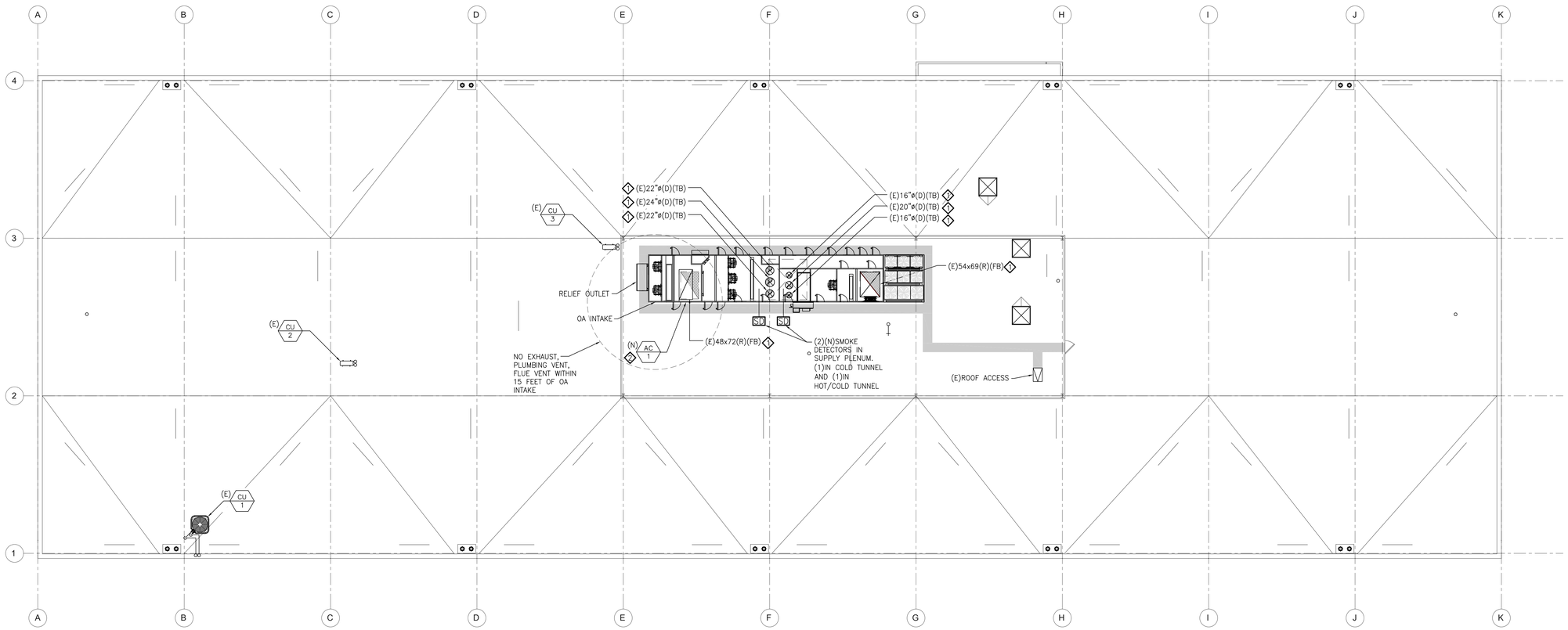

A MECHANICAL ROOF PLAN

SCALE: 3/32" = 1'-0"

KEY NOTES

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

GENERAL NOTES

1. AFTER INSTALLATION, BALANCE SUPPLY/RETURN AIRFLOW OF COLD TUNNEL AND HOT/COLD TUNNEL TO PREMEASURED VALUES, SET OUTSIDE AIRFLOW TO PREMEASURED VALUES.

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Revisions

Delta	Date	Revisions	By

-

CONSTRUCTION DOCUMENTS

AGENCY APPROVAL

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Project Manager:	NS	Plot Date: Jan 29, 2026 - 4:15pm	
Project Drafter:	ZH	Login: NSmith	

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HY Architects Project number: 6306

Facility

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Project

HVAC PACKAGE UNIT REPLACEMENT

Sheet Title

MECHANICAL ROOF PLAN

Client Project Number: N/A

Scale: As indicated
Drawn By: T&A
Checked By: T&A
Issue Date: JANUARY 30, 2026

Sheet **M3.21**

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GRAPHIC SCALES: 1/16" = 1'-0" | 1/8" = 1'-0" | 1/4" = 1'-0" | 1/2" = 1'-0" | 3/4" = 1'-0" | 1" = 1'-0" | 1 1/2" = 1'-0" | 3" = 1'-0"

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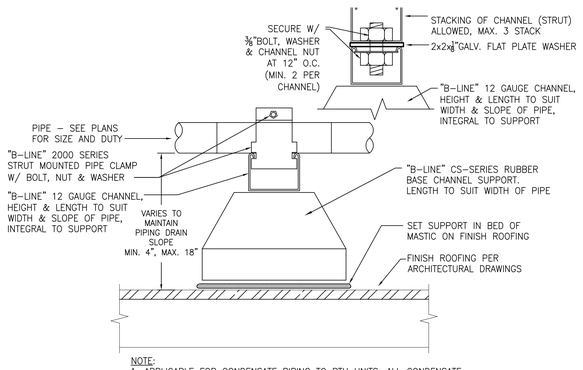

NOTE:
1. APPLICABLE FOR CONDENSATE PIPING TO RTU UNITS. ALL CONDENSATE PIPE SHALL BE TYPE L COPPER AND SLOPE MIN. OF ⅛"/FT.
2. APPLICABLE FOR GAS PIPE WITHIN 10'-0" OF THE UNIT FOR FINAL SUPPORT ONLY

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.

1. 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:
2. 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

APPLICABLE CODES

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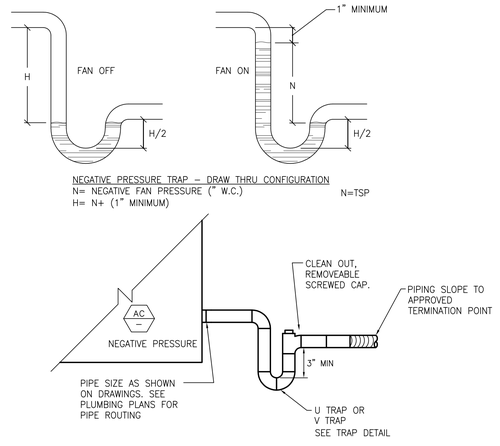
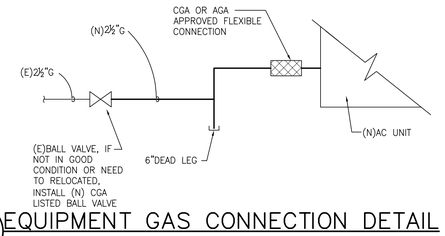
2025 EDITION OF THE CALIFORNIA ELECTRICAL CODE.
2025 EDITION OF THE CALIFORNIA FIRE CODE.
2025 EDITION OF THE CALIFORNIA MECHANICAL CODE.
2025 EDITION OF THE CALIFORNIA PLUMBING CODE.

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



NEGATIVE PRESSURE TRAP - DRAW THRU CONFIGURATION
N= NEGATIVE FAN PRESSURE (" W.C.)
H= N+ (1" MINIMUM)
N=TSP

A CONDENSATE DRAIN P-TRAP AT AC
NO SCALE



B EQUIPMENT GAS CONNECTION DETAIL
NO SCALE

PLUMBING LEGEND

CW	COLD WATER LINE
CD	CONDENSATE DRAIN
F	FIRE SERVICE LINE
G	GAS
HW	HOT WATER LINE
HWR	HOT WATER RETURN
LPG	LIQUID PETROLEUM GAS
OFL	OVERFLOW
X X X X X	PIPING OR EQUIPMENT TO BE REMOVED
RWL	RAINWATER LEADER
	RISE OR DROP IN DIRECTION OF FLOW
	SANITARY SOIL OR WASTE LINE
SCD	SECONDARY CONDENSATE DRAIN LINE
TP	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
RPBP	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	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).

PCOE GOLD IN EDUCATION

Revisions

Delta	Date	Revisions	By

-

CONSTRUCTION DOCUMENTS

AGENCY APPROVAL

TURLEY & ASSOCIATES | MECHANICAL ENGINEERING GROUP, INC
1700 Creekside Oaks Drive, Suite 120, Sacramento, CA 95833
(916) 325-1065 FAX: (916) 325-1070 Email: office@turleymech.com

Project Engineer:	NB	Job Number:	25226
Project Manager:	NB	Plot Date: Feb 17, 2026 - 2:47pm	
Project Drafter:	DH	Login: NBNeh	

REGISTERED PROFESSIONAL ENGINEER NISHAD J. SOHONI No. M 40357 EXP 6/30/27 MECHANICAL STATE OF CALIFORNIA

HIBSER YAMAUCHI Architects, Inc.
4602 2nd Street, Suite 3
Davis, CA 95618
530.758.1270 tel ; 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
PLUMBING LEGENDS, SCHEDULES, AND NOTES

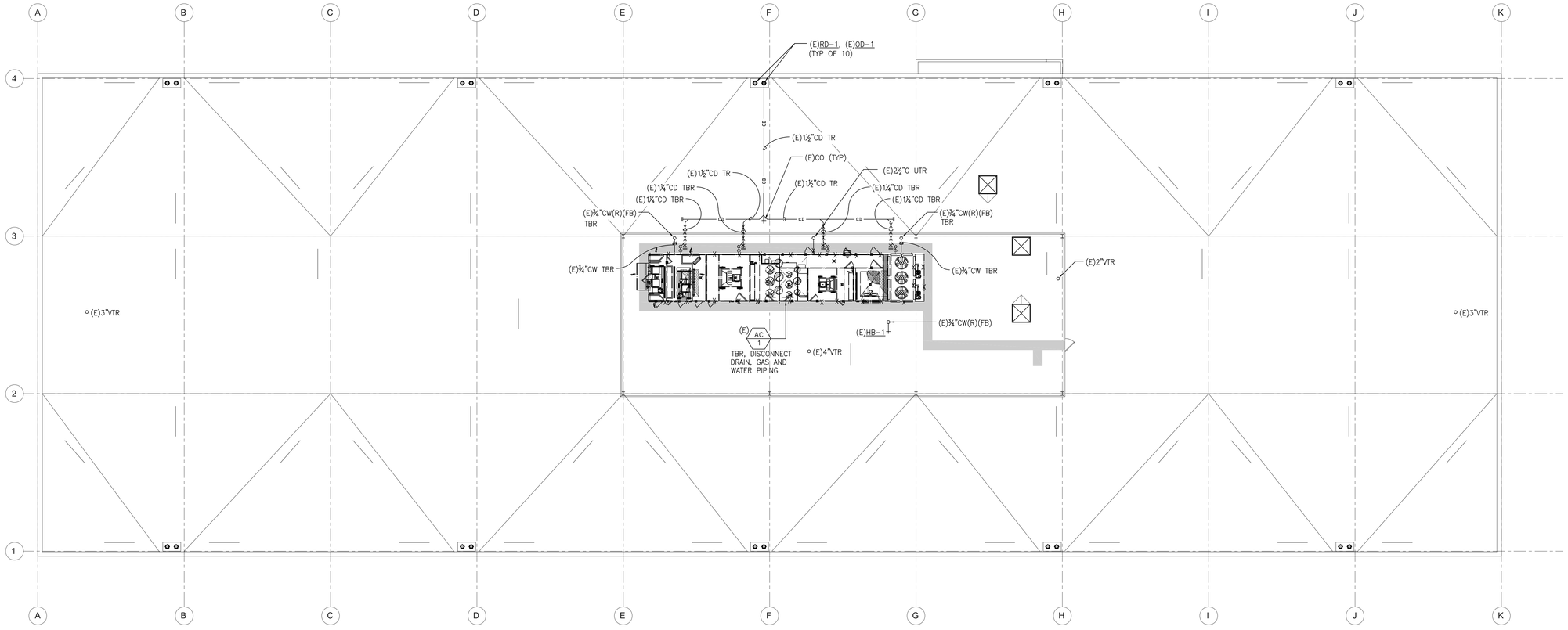
Client Project Number: N/A

Scale: As indicated
Drawn By: T&A
Checked By: T&A
Issue Date: JANUARY 30, 2026

Sheet
P0.01
Sheet of

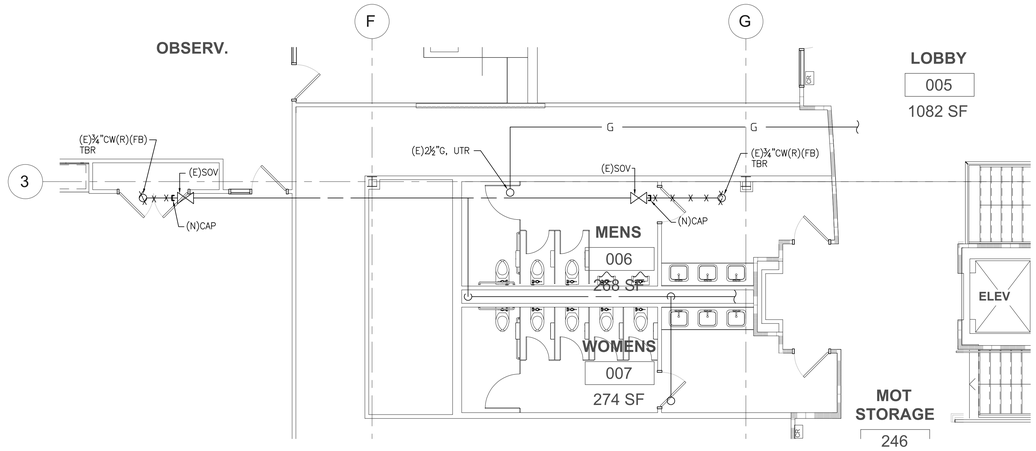
GRAPHIC SCALES: 1/16" = 1'-0" | 1/8" = 1'-0" | 1/4" = 1'-0" | 1/2" = 1'-0" | 3/4" = 1'-0" | 1" = 1'-0" | 1 1/2" = 1'-0" | 3" = 1'-0"

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



A DEMOLITION PLUMBING ROOF PLAN

SCALE: 3/32" = 1'-0"



B PARTIAL ENLARGED DEMOLITION PLUMBING 2ND FLOOR PLAN

SCALE: 3/16" = 1'-0"

PCOE GOLD IN EDUCATION

Revisions

Delta	Date	Revisions	By

-

CONSTRUCTION DOCUMENTS

AGENCY APPROVAL

TURLEY & ASSOCIATES | MECHANICAL ENGINEERING GROUP, INC.
1760 Creekside Oaks Drive, Suite 120, Sacramento, CA 95833
(916) 325-1065 FAX: (916) 325-1075 Email: office@turleymech.com

Project Engineer:	NS	Job Number:	25035
Project Manager:	NS	Plot Date: Jan 29, 2026 - 4:15pm	
Project Drafter:	ZH	Login: NSmith	

REGISTERED PROFESSIONAL ENGINEER NISHAY J. SHAH No. M 40357 EXP 6/30/27 MECHANICAL STATE OF CALIFORNIA

HIBSER YAMAUCHI Architects, Inc.
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HY Architects Project number: 6306

Facility

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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

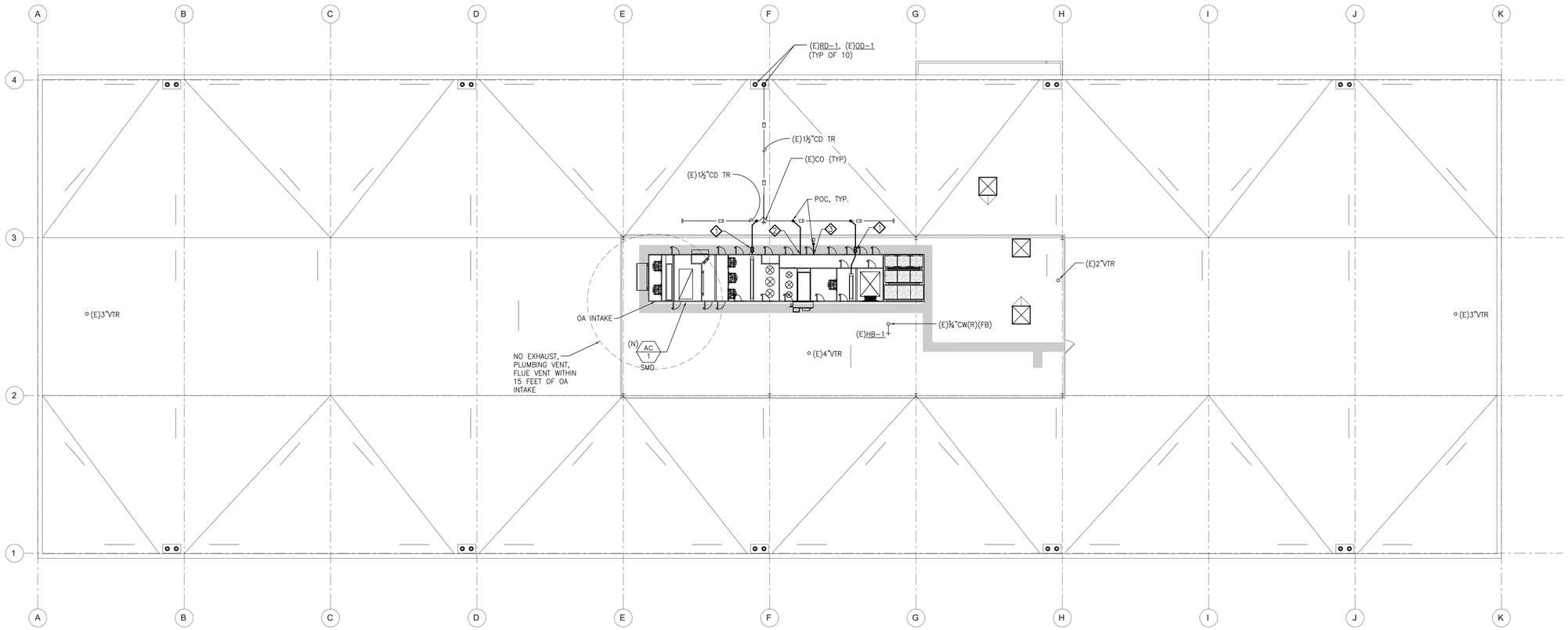
Scale:	As indicated
Drawn By:	T&A
Checked By:	T&A
Issue Date:	JANUARY 30, 2026

Sheet **P3.11**

Sheet of

GRAPHIC SCALES: 1/16" = 1'-0" | 1/8" = 1'-0" | 1/4" = 1'-0" | 1/2" = 1'-0" | 3/4" = 1'-0" | 1" = 1'-0" | 1 1/2" = 1'-0" | 3" = 1'-0"

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



A PLUMBING ROOF PLAN

SCALE: 3/32" = 1'-0"

KEY NOTES

1. (N)1¼"CD FROM DX COILS, PROVIDE P-TRAP AND CLEAN-OUT. SEE A/P0.01. (N)1¼"CD ON ROOF SHALL HAVE MIN ⅛"/FEET SLOPE TOWARD FLOW DIRECTION.
2. (N)¾"DRAIN FROM INDIRECT BURNER. (N)¾"DRAIN ON ROOF SHALL HAVE MIN ⅛"/FEET SLOPE TOWARD FLOW DIRECTION.
3. (N)2½"G CONNECT TO (N)AHU. SEE B/P0.01.

PCOE
GOLD IN EDUCATION

Revisions

Delta	Date	Revisions	By

-

CONSTRUCTION DOCUMENTS

AGENCY APPROVAL

TURLEY & ASSOCIATES | MECHANICAL ENGINEERING GROUP, INC.
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Project Engineer:	NS	Job Number:	25230
Project Manager:	NS	Plot Date: Jan 29, 2026 - 4:16pm	
Project Drafter:	JH	Login: hibhah	

REGISTERED PROFESSIONAL ENGINEER, NATHAN J. SCHAU, No. M 40357, EXP 6/30/27, MECHANICAL, STATE OF CALIFORNIA

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HY Architects Project number: 6306

Facility

NEW MAIN OFFICE
1400 STANFORD RANCH, ROCKLIN CA 95765

Project

HVAC PACKAGE UNIT REPLACEMENT

Sheet Title

PLUMBING ROOF PLAN

Client Project Number: N/A

Scale: As indicated
Drawn By: T&A
Checked By: T&A
Issue Date: JANUARY 30, 2026

Sheet **P3.21**

Sheet of

0 5' 50' GRAPHIC SCALES: 1/16" = 1'-0"
0 5' 25' 1/8" = 1'-0"
0 1' 12' 1/4" = 1'-0"
0 1' 6' 1/2" = 1'-0"
0 4' 3/4" = 1'-0"
0 1' 3' 1" = 1'-0"
0 2' 1 1/2" = 1'-0"
0 1' 3" = 1'-0"

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

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-MCH-E
Project Name: 25236 - PCOE	**Report Page:**	**(Page 7 of 10)**
	Date Prepared:	2026-01-29T13:55:36-05:00

I. SYSTEM CONTROLS

This table is used to demonstrate compliance with mandatory controls in §110.2 and §120.2 and prescriptive controls in §140.4(f) and (n), §170.2(c)4D §170.2(c)4L or requirements in §141.0(b)2E §180.2(b)2 for altered space conditioning systems.

01	02	03	04	05	06	07	08	09	10	11
System Name	System Zoning	Conditioned Floor Area Being Served (ft²)	Thermostats §110.2(b) & (c)[1], §120.2(a) §160.3(a)2A or §160.3(b)8 or §141.0(b)2E & §180.2(b)2	Shut-Off Controls §120.2(e) & §160.3(a) 2D	Isolation Zone Controls §120.2(g) & §160.3(a) 2F	Demand Response §110.12 §120.2(b) & §160.3(a)2B	Supply Air Temp. Reset §140.4(f) & §170.2(c) 4D	Window Interlocks per §140.4(i) & §170.2(c)4D	Direct Digital Control (DDC) per §120.2	Heat Pump Defrost per §160.3(b)7
(N)AC-1	Multi-zone w/ DDC to zone	NA: Altered per 141.0(b)2E	EMCS	EMCS	EMCS	EMCS	NA: Alteration	NA: Alteration Project	DDC controller logic using ASHRAE Guideline 36	NA: Altered Equipment

[1] *FOOTNOTES: Gravity gas wall heaters, gravity floor heaters, gravity room heaters, non-central electric heaters, fireplaces or decorative gas appliances, wood stoves are not required to have setback thermostats.*

J. VENTILATION AND INDOOR AIR QUALITY

This section does not apply to this project.

K. TERMINAL BOX CONTROLS

This section does not apply to this project.

L. DISTRIBUTION (DUCTWORK and PIPING)

This section does not apply to this project.

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-MCH-E
Project Name: 25236 - PCOE	**Report Page:**	**(Page 8 of 10)**
	Date Prepared:	2026-01-29T13:55:36-05:00

M. COOLING TOWERS

This section does not apply to this project.

N. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/2022-building-energy-efficiency-4

Form/Title
NRCI-MCH-E - Must be submitted for all buildings

O. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/2022-building-energy-efficiency-4

Form/Title	Systems/Spaces To Be Field Verified
NRCA-MCH-05-A - Air Economizer, DOAS, HRV, & ERV Controls	(N)AC-1
NRCA-MCH-07-A Supply Fan Variable Flow Controls	(N)AC-1 Supply Fan 1; (N)AC-1 Supply Fan 2
NRCA-MCH-11-A Automatic Demand Shed Controls	(N)AC-1
NRCA-MCH-13-A Automatic FDD for Air Handling Units and Zone Terminal Units Acceptance	(N)AC-1
NRCA-MCH-18-A Energy Management Control Systems	(N)AC-1

P. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION

There are no NRCV forms required for this project.

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-MCH-E
Project Name: 25236 - PCOE	**Report Page:**	**(Page 4 of 10)**
	Date Prepared:	2026-01-29T13:55:36-05:00

F. HVAC SYSTEM SUMMARY (DRY & WET SYSTEMS)

Mechanical Heat Recovery§140.4(s)

01	02	03	04	05	06	07
Name or Item Tag	Coincident Peak Cooling Load of All High Load Spaces (kBtu/h)	Design Capacity of All Mechanical Cooling Systems[2] (kBtu/h)	Design Capacity of All Service Water Heating Systems[1] (kBtu/h)	Design Capacity for all space heating systems (kBtu/h)	Simultaneous Mechanical Heat Recovery	
(N)AC-1	1,272.7	1,795.8	0	648	Not Required	

[1] *FOOTNOTES: Excluding systems expected to operate less than 5 hours per week.*
[2] *FOOTNOTES: If the design includes capacity for future cooling systems, then assume 20% of future systems serve high load spaces.*

G. PUMPS

This section does not apply to this project.

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-MCH-E
Project Name: 25236 - PCOE	**Report Page:**	**(Page 5 of 10)**
	Date Prepared:	2026-01-29T13:55:36-05:00

H. FAN SYSTEMS & AIR ECONOMIZERS

This table is used to demonstrate compliance with prescriptive requirements found in §140.4(c), §140.4(e), §140.4(m), §170.2(c)3, and §170.2(c)4A for fan systems. Fan systems serving only process loads are exempt from these requirements and do not need to be included in Table H.

System Name	(N)AC-1	Quantity	1	Fan System Status	Alteration	System Zoning	Multi-zone VAV systems	Serving Dwelling Units	Not Serving Dwelling Units	Fan System Airflow (cfm)	38,500	Site Elevation	249	Economizer	Differential Temperature
01	02	03	04			05		06	07	08	09			10	11
								Allowance		Design					
Fan Name or Item Tag	Fan Type	Qty	Component			Airflow through Component (%)		Water Gauge (w.g)	Component Allowance (watt/cfm)	Fan System Allowance (watt/cfm)[3]	Design Electrical Input Power Method			Motor Nameplate Horsepower	Fan Electrical Input Power (kW)
(N)AC-1 Supply Fan 1	Supply	5	Hydronic/DX cooling coil or heat pump coil			100			0.105	0.21	Manufacturer provided				4.6
			Altered:Supply Fan System			100			0.105						
(N)AC-1 Supply Fan 2	Supply	3	Altered:Supply Fan System			100			0.105	0.105	Manufacturer provided				4.6
(N)AC-1 Return Fan 1	Return	2	Altered:Exhaust/Relief/Return/Transfer Fan System			100				0.054	Manufacturer provided				3.5
Supply Fan Base Allowance (watt/cfm)		0.413	Exhaust/Return/Relief/Transfer Fan Base Allowance(watt/cfm)					0.23	Fan System Allowance (kW)[3]		81.69		Fan System Electrical Input Power (kW)		43.8

[1] *FOOTNOTES: Fans serving spaces with design background noise goals below NC35*
[2] *Low-turndown single-zone VAV fan system must be capable of and configured to reduce airflow to 50 percent of design airflow and use no more than 30 percent of the design wattage at that airflow. No more than 10 percent of the design load served by the equipment shall have fixed loads.*
[3] *Fan system allowance includes fan system base allowance.*
[4] *Filter pressure loss can only be counted once per fan system.*

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-MCH-E
Project Name: 25236 - PCOE	**Report Page:**	**(Page 6 of 10)**
	Date Prepared:	2026-01-29T13:55:36-05:00

H. FAN SYSTEMS & AIR ECONOMIZERS

[5] *Complex Fan System means a fan system that combines a single cabinet fan system with other supply fans, exhaust fans, or both.*
[6] *Computer room economizers must meet requirements of §140.9(a) and will be documented on the NRCC-PRC-E document..*
[7] *Indoor fans meeting the requirements of 140.4(a)3D shall turn off when there is no demand for heating or cooling in the space. At 66% air flow the power draw shall be no more than 51% of the fan power at full fan speed and at 33% airflow the power draw shall be no more than 12% of the fan power at full fan speed.*

H. EXHAUST AIR HEAT RECOVERY 140.4(q), 170.2(c)4O

01	02	03	04	05	06	07	08	09	10	11
Fan System Name	Qty	Hours of Operation per Year	Design Supply Airflow Rate	Outdoor Airflow	% Outdoor Air at Full Design Airflow	Exemptions to Exhaust Air Heat Recovery Requirement per §140.4(q) & §170.2(c)4O	Exhaust Air Heat Recovery §140.4(q) & §170.2(c)4O	Type Of Heat Recovery Rating	Required Recovery Ratio	Energy Recovery Bypass
(N)AC-1	1	< 8,000	38,500	10,500	27	No Exemptions Apply	Required for heating and cooling design conditions	Sensible Energy Recovery Ratio	0.6	Economizer Controls per 140.4(q)2

Fan Energy Index (FEI)

01	02	03
Name or Item Tag	FEI Exception	FEI
(N)AC-1	Altered Fan System	

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-MCH-E
Project Name: 25236 - PCOE	**Report Page:**	**(Page 1 of 10)**
Project Address: 1400 Stanford Ranch, Rocklin CA 95765	**Date Prepared:**	2026-01-29T13:55:36-05:00

This document is used to demonstrate compliance for mechanical systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in §140.4, or §141.0(b)2 for alterations.

A. GENERAL INFORMATION

01	Project Location (city)	Rocklin	04	Total Conditioned Floor Area	57860
02	Climate Zone	11	05	Total Unconditioned Floor Area	0
03	Occupancy Types Within Project:		06	# of Stories (Habitable Above Grade)	2

● Office

B. PROJECT SCOPE

This table Includes mechanical systems or components that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in §140.4, §170.2(b) or §141.0(b)2 and §180.2(b)2 for alterations.

01	02	03
Air System(s)	Wet System Components	Dry System Components
☒ Heating Air System	☐ Water Economizer	☒ Air Economizer
☒ Cooling Air System	☐ Pumps	☐ Electric Resistance Heat
☐ Ventilation (including DOAS, ERV, HRV systems)	☐ System Piping	☒ Fan Systems
Mechanical Controls	☐ Cooling Towers	☐ Ductwork (existing to remain, altered or new)
	☐ Chillers	
☒ Mechanical Controls (existing to remain, altered or new)	☐ Boilers	☐ Zonal Systems/ Terminal Boxes

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-MCH-E
Project Name: 25236 - PCOE	**Report Page:**	**(Page 2 of 10)**
	Date Prepared:	2026-01-29T13:55:36-05:00

C. COMPLIANCE RESULTS

Table C will indicate if the project data input into the compliance document is compliant with mechanical requirements. This table is not editable by the user. If this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D., or the table indicated as not compliant for guidance.

01		02		03		04		05		06		07		08	09
System Summary §110.1, §110.2, §140.4, §170.2(c), §141.0(b), §180.2(b)2	AND	Pumps §140.4(k), §170.2(c)4I	AND	Fans/Economizers §140.4(c), §140.4(e), §140.4(p), §170.2(c)	AND	System Controls § 110.2, §120.2, §140.4(f), §140.4(r), §170.2(c)	AND	Ventilation §120.1, §160.2	AND	Terminal Box Controls §140.4(d), §170.2(c)4B	AND	Distribution §120.3, §140.4(l), §160.2, §160.3, §141.0(b)2D, §180.2(b)2Bi	AND	Cooling Towers §110.2(e)2	Compliance Results
(See Table F)		(See Table G)		(See Table H)		(See Table I)		(See Table J)		(See Table K)		(See Table L)		(See Table M)	
Yes	AND		AND	Yes	AND	Yes	AND		AND		AND		AND		COMPLIES
Mandatory Measures Compliance (See Table Q for Details)														COMPLIES	

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

F. HVAC SYSTEM SUMMARY (DRY & WET SYSTEMS)

Space Conditioning System Information

01	02	03	04	05	06
System Name	Quantity	System Serving	System Status	Space Type	Utilizing Recovered Heat
(N)AC-1	1	Multi-zone	Alteration	Office	☒

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-MCH-E
Project Name: 25236 - PCOE	**Report Page:**	**(Page 3 of 10)**
	Date Prepared:	2026-01-29T13:55:36-05:00

F. HVAC SYSTEM SUMMARY (DRY & WET SYSTEMS)

Dry System Equipment Sizing (includes air conditioners, condensers, heat pumps, VRF, furnaces and unit heaters and DOAS systems)

01	02	03	04	05	06	07	08	09	10	11
				Equipment Sizing per Mechanical Schedule (kBtu/h) §140.4(a&b), §170.2(c)1 & §170.2(c)2						
				Heating Output [2,3]			Cooling Output [2,3]		Load Calculations [3,4]	
Name or Item Tag	Equipment Category per Tables 110.2, §140.4(a)2 and 170.2(c)3aii	Equipment Type per Tables 110.2 and Title 20	Smallest Size Available [1] §140.4(a) and §170.2(c)1	Per Design (kBtu/h)	Rated (kBtu/h)	Supp. Heating Output (kBtu/h)	Sensible Per Design (kBtu/h)	Rated (kBtu/h)	Total Heating Load (kBtu/h)	Total Sensible Cooling Load (kBtu/h)
(N)AC-1	Furnace + AC (split or packaged)	AC, air cooled, single pkg + warm-air central furnace, gas-fired	Yes	648	648	0	1,417.6	1,796.1	625	1,103.8

[1] *FOOTNOTES: Equipment shall be the smallest size, within the available options of the desired equipment line, necessary to meet the design heating and cooling loads of the building per §140.4(a) and §170.2(c)1. Healthcare facilities are excepted.*
[2] *It is common practice to show rated output capacity on the equipment schedule. Sensible cooling output comes from specification sheet tables.*
[3] *If equipment is heating only, leave cooling output and load blank. If equipment is cooling only, leave heating output and load blank.*
[4] *Authority Having Jurisdiction may ask for load calculations used for compliance per §140.4(b) and §170.2(c).*

Dry System Equipment Efficiency (other than Package Terminal Air Conditioners (PTAC) and Package Terminal Heat Pumps (PTHP), DX-DOAS and Dual Fuel Heat Pumps)

01	02	03	04	05	06	07	08	09	10
		Heating Mode					Cooling Mode		
Name or Item Tag	Size Category (Btu/h)	Rating Condition (°F)	Efficiency Unit	Minimum Efficiency Required per Tables 110.2 / Title 20	Design Efficiency	Refrigerant Loop Heat Recovery	Efficiency Unit	Minimum Efficiency Required per Tables 110.2 / Title 20	Design Efficiency
(N)AC-1	>=760kBtuh cooling/ >=225kBtuh heating		TE	0.8	0.8		EER	9.5	10.7
							IEER	12.3	12.97

PCOE
GOLD IN EDUCATION

Revisions

Delta	Date	Revisions	By

-

CONSTRUCTION DOCUMENTS

AGENCY APPROVAL

TURLEY & ASSOCIATES | MECHANICAL ENGINEERING GROUP, INC
1700 Creekside Oaks Drive, Suite 120, Sacramento, CA 95833
(916) 325-1065 FAX: (916) 325-1075 Email: office@turleymech.com

Project Engineer:	NS	Job Number:	25236
Project Manager:	NS	Plot Date: Jan 29, 2026 - 4:15pm	
Project Drafter:	BH	Login: kthao	
X-refs: 25236_2025_10-03_PH			

REGISTERED PROFESSIONAL ENGINEER NISHAD J. SOHONI No. M 40357 EXP 6/30/27 MECHANICAL STATE OF CALIFORNIA

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HY Architects Project number: 6306

Facility
NEW MAIN OFFICE
1400 STANFORD RANCH, ROCKLIN CA 95765

Project
HVAC PACKAGE UNIT REPLACEMENT

Sheet Title
TITLE-24 REPORTS

Client Project Number: N/A

Scale: As indicated
Drawn By: T&A
Checked By: T&A
Issue Date: JANUARY 30, 2026

Sheet
T-24A
Sheet of

0 5' 50' — 0 5' 25' — 0 1' 12' — 0 1' 6' — 0 4' — 0 1' 3' — 0 2' — 0 1'

GRAPHIC SCALES: 1/16" = 1'-0" | 1/8" = 1'-0" | 1/4" = 1'-0" | 1/2" = 1'-0" | 3/4" = 1'-0" | 1" = 1'-0" | 1 1/2" = 1'-0" | 3" = 1'-0"

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A REDUCED PRINT SCALE ACCORDINGLY

STATE OF CALIFORNIA
Mechanical Systems — CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-MCH-E
Project Name: 25236 - PCOE	**Report Page:** (Page 9 of 10)
	Date Prepared: 2026-01-29T13:55:36-05:00

Q. MANDATORY MEASURES DOCUMENTATION LOCATION

This table is used to indicate where mandatory measures are documented in the plan set or construction documentation.

01		02
Compliance with Mandatory Measures documented through MCH Mandatory Measures Note Block	No	Plan sheet or construction document location
03		04
Mandatory Measure		**Plan sheet or construction document location**
Heating Equipment Efficiency per §110.1, Title 20, and federal minimums		M0.01
Cooling Equipment Efficiency per §110.1, Title 20, and federal minimums		M0.01
Furnace Standby Loss Control per §110.2(d)		N/A
Heat Pump with Supplemental electric Resistance Heater Controls per §110.2(b)		N/A

STATE OF CALIFORNIA
Mechanical Systems — CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-MCH-E
Project Name: 25236 - PCOE	**Report Page:** (Page 10 of 10)
Project Address: 1400 Stanford Ranch, Rocklin CA 95765	**Date Prepared:** 2026-01-29T13:55:36-05:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Austin Hoang	Documentation Author Signature: Austin
Company: Turley & Associates	Signature Date: 2026-01-29
Address: 1760 Creekside Oaks Drive, Suite 120	CEA/AEA/ECC Certification Identification (if applicable):
City/State/Zip: Sacramento CA 95833	Phone:

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 Person Name: Nirav Shah	Responsible Person Signature:
Responsible Person Scope: Mechanical Designer	
Company: Turley & Associates	Date Signed: 2026-01-29
Address: 1760 Creekside Oaks Drive, Suite 120	License: M40357
City/State/Zip: Sacramento CA 95833	Phone:

CA Building Energy Efficiency Standards - 2025 Nonresidential Compliance | Generated Date/Time: Report Version: 2025.0.000 Schema Version: rev 20250101 | Documentation Software: Energy Code Ace Compliance ID: ECA-369325-0126-0008 Report Generated: 2026-01-29 10:55:44

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Delta	Date	Revisions	By

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CONSTRUCTION DOCUMENTS

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(916) 325-1565 FAX: (916) 325-1075 Email: office@turleymech.com

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Project Manager:	NS	Plot Date: Jan 29, 2026 - 4:15pm	
Project Drafter:	SH	Login: kthom	

X-Refs: 25236 2025-10-03.rvt

REGISTERED PROFESSIONAL ENGINEER — NISHAD J. SHAH — No. M 40357 EXP 6/30/27 — MECHANICAL — STATE OF CALIFORNIA

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530.758.1270 tel ; 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-24 REPORTS

Client Project Number: N/A

Scale:	As indicated
Drawn By:	T&A
Checked By:	T&A
Issue Date:	JANUARY 30, 2026

Sheet **T-24B**

Sheet of

GRAPHIC SCALES: 1/16" = 1'-0" | 1/8" = 1'-0" | 1/4" = 1'-0" | 1/2" = 1'-0" | 3/4" = 1'-0" | 1" = 1'-0" | 1 1/2" = 1'-0" | 3" = 1'-0"

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Feb 18, 2026, 3:21pm J:\Vlan\Zeuten

ABBREVIATIONS

A	AMPERES	MTD.	MOUNTED
AC	ALTERNATING CURRENT	N	NEUTRAL
AMP	AMPERE	(N)	NEW
AWG	AMERICAN WIRE GAUGE	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
BKR	BREAKER	PH	PHASE
C.	CONDUIT	RCPT.	RECEPTACLE
C.B.	CIRCUIT BREAKER	SWBD	SWITCHBOARD
CKT	CIRCUIT	TYP.	TYPICAL
(E)	EXISTING	UL	UNDERWRITERS LABORATORY
FACP	FIRE ALARM CONTROL PANEL	UNO	UNLESS NOTED OTHERWISE
GA.	GAUGE	V	VOLT
GND	GROUND	W	WIRE, WATT
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	WP	WEATHER PROTECTED
MIN.	MINIMUM		

EXISTING LOAD CALCULATION

Project Name : PCOE Stanford Ranch Corp Center HVAC Replacement Date: 18-Feb-26
Project No. 25281.21 By: M. Neils Engineering, Inc.

Existing maximum demand (based on 12 months readings below): 261.60 kVA
Source: M. Neils Engineering, Inc., PG&E meter # 1009408809

Jul-24	154.9	Nov-24	205.5	Mar-25	169.0
Aug-24	184.0	Dec-24	153.2	Apr-25	164.4
Sep-24	261.6	Jan-25	140.2	May-25	181.7
Oct-24	212.7	Feb-25	156.9	Jun-25	199.1

Existing load factor (25%) 65.40 kVA

Existing load (BEING REMOVED) 265.92 kVA

Total EXISTING service load = 61.08 kVA

New Load (BEING ADDED) 360.64 kVA

Total service load (NEW improvements) = 360.64 kVA

TOTAL SERVICE LOAD (EXISTING + NEW improvements) = 421.72 kVA

421.72 kVA at 277/480 , 3 phase = 507.48 amperes

Existing: 2000A /3 main circuit breaker (Main Switchboard , "MSB")
Therefore, existing 2000 amperes, 277/480 Volt, 3-phase, 4-wire service has the capacity for the new load.

ELECTRICAL SYMBOL LIST

- JUNCTION BOX - SIZE AS REQUIRED BY CODE
- GFCI DUPLEX CONVENIENCE OUTLET - NEMA 5-20R
- FIRE ALARM MECHANICAL DUCT DETECTOR. COORDINATE LOCATION WITH HVAC DRAWINGS AND CONTRACTOR.
- SWITCHBOARD, DISTRIBUTION PANEL, OR MOTOR CONTROL CENTER
- EQUIPMENT DISCONNECT SWITCH - EXTERNALLY OPERATED, FUSED WITH FUSE SIZE TO MATCH EQUIPMENT NAMEPLATE.
- EQ 1 — MECHANICAL EQUIPMENT DESIGNATION - SEE MECHANICAL PLANS
- CONDUIT AND WIRING
- CONDUIT HOMERUN TO PANELBOARD, SWITCHBOARD OR TERMINAL CABINET
- 1 — DRAWING SHEET NUMBERED NOTE DESIGNATION - APPLIES TO NUMBERED NOTE ON SAME SHEET
- 1 / E1 — DRAWING PLAN OR DETAIL DESIGNATION - "1" OR "A" DENOTES PLAN OR DETAIL NUMBER, "E-1" DENOTES SHEET NUMBER

SYMBOL LIST NOTES:

1. "ABC-#" INDICATES PANEL AND CIRCUIT NUMBER.
2. MINIMUM CONDUCTOR SIZE FOR 120V BRANCH CIRCUITS SHALL BE #12 AWG. AT A MINIMUM ALL BRANCH CIRCUITS SHALL CONTAIN 3/4"C, 2#12 AWG AND 1#12 GND UNLESS OTHERWISE INDICATED.
3. EXISTING ELECTRICAL EQUIPMENT, OUTLETS, AND DEVICES ARE SHOWN THE SAME AS NEW, EXCEPT LIGHTLY AND ACCOMPANIED BY (E). SUCH ELECTRICAL EQUIPMENT, OUTLETS, AND DEVICES ARE TO REMAIN AS IS, UNLESS OTHERWISE NOTED ON PLAN OR SPECIFICATION.
4. ELECTRICAL OUTLET BOXES MOUNTED ON OPPOSITE SIDES OF FIRE-RATED WALLS OR PARTITIONS SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF NOT LESS THAN 24 INCHES PER CBC, WHETHER SHOWN ON THE PLANS OR NOT.
5. VERIFY ON SITE THAT ALL PANELBOARDS HAVE MINIMUM WORKING SPACES PER CODE AND THAT THE DEDICATED PANELBOARD SPACES ARE CLEAR OF ALL DUCTS, PIPING AND EQUIPMENT FOREIGN TO THE PANEL BOARDS. NOTIFY THE ENGINEER FOR CORRECTIVE ACTION IN THE EVENT THAT FOREIGN OBJECTS IMPEDE THE DEDICATED PANELBOARD AREAS.
6. WHERE CONDUIT STUB IS INDICATED, PROVIDE CONDUIT WITH BUSHING AT THE END OF CONDUIT AND PULL ROPE INTO ACCESSIBLE CEILING AREA.

ELECTRICAL SHEET INDEX

No. OF SHEETS	DRAWING No.	DRAWING DESCRIPTIONS
1	E0.01	ELECTRICAL COVER SHEET
2	E1.01	SITE PLAN - ELECTRICAL
3	E2.10	ROOF PLAN - DEMOLITION - ELECTRICAL
4	E2.11	ROOF PLAN - REMODEL - ELECTRICAL

APPLICABLE CODES AND REGULATIONS

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

2025 CALIFORNIA BUILDING CODE (CBC) - PART 2, TITLE 24, BASED ON THE 2024 INTERNATIONAL BUILDING CODE (IBC).

2025 CALIFORNIA ELECTRICAL CODE (CEC) - PART 3, TITLE 24, BASED ON THE 2023 NATIONAL ELECTRICAL CODE (NEC).

2025 CALIFORNIA MECHANICAL CODE (CMC) - PART 4, TITLE 24, BASED ON THE 2024 UNIFORM MECHANICAL CODE (UMC).

2025 CALIFORNIA PLUMBING CODE (CPC) - PART 5, TITLE 24, BASED ON THE 2024 UNIFORM PLUMBING CODE (UPC).

2025 CALIFORNIA ENERGY CODE - PART 6, TITLE 24

2025 CALIFORNIA FIRE CODE (CFC) - PART 9, TITLE 24, BASED ON THE 2024 INTERNATIONAL FIRE CODE (IFC).

2025 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN) - PART 11, TITLE 24

2025 NFPA 72 FIRE ALARM CODE

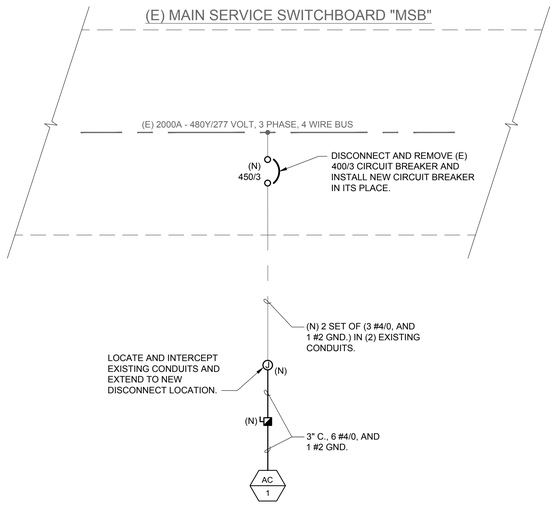
2025 EDITION TITLE 19, CALIFORNIA CODE OF REGULATIONS, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.

OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA)

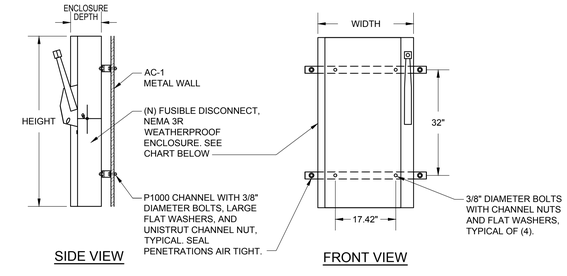
ALL APPLICABLE LOCAL AND STATE CODES/REGULATIONS

DEMOLITION GENERAL NOTES

1. INFORMATION SHOWN RELATIVE TO EXISTING CONDITIONS IS BASED UPON AVAILABLE RECORDS AND DATA. THEREFORE, IT SHALL BE REGARDED AS AN APPROXIMATION ONLY. CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT. PRIOR TO SUBMITTING BID AND/OR BEFORE START OF ANY ELECTRICAL WORK, INSPECT ALL EXISTING LOCATIONS AND CONDITIONS AND ASCERTAIN WORK REQUIRED TO CLEAR PROJECT AREA OF ALL EXISTING ELECTRICAL ITEMS NOT BEING REUSED OR EXISTING TO REMAIN AS IS. REPORT ALL DISCREPANCIES AND COORDINATE ALL DEMOLITION WORK WITH THE OWNER'S REPRESENTATIVE. MAINTAIN SERVICE TO EXISTING ELECTRICAL EQUIPMENT IN AREAS ADJACENT TO REMODEL AREA, UNLESS OTHERWISE NOTED.
2. PROTECT ALL EXISTING ELECTRICAL EQUIPMENT ON EXISTING WALLS NOT REQUIRED TO BE DEMOLISHED UNLESS OTHERWISE NOTED. REMOVE FROM SITE, ALL ELECTRICAL EQUIPMENT, HARDWARE, AND OTHER ITEMS BEING REMOVED BY CONTRACTOR.
3. CUT, PATCH AND MATCH IN ALL AREAS AFFECTED BY REMOVAL OF ELECTRICAL EQUIPMENT AND DEVICES.
4. CAUSE AS LITTLE INTERFERENCE OR INTERRUPTION OF EXISTING UTILITIES AND SERVICES. SCHEDULE ANY POWER OR OTHER UTILITY SHUTDOWN WITH THE OWNER'S REPRESENTATIVE. SHUTDOWNS WHICH MAY BE REQUIRED SHALL BE PRESENTED IN WRITING TO THE OWNER'S REPRESENTATIVE FOR APPROVAL TWO WEEKS PRIOR TO COMMENCEMENT OF WORK. SHUTDOWN WORK SHALL BE PERFORMED ON OVERTIME HOURS IF SO DIRECTED BY OWNER'S REPRESENTATIVE.
5. DISCONNECT AND REMOVE ALL EXISTING ELECTRICAL EQUIPMENT, DEVICES, CONDUIT, WIRING AND OTHER ELECTRICAL ITEMS, WHETHER SHOWN OR NOT, FROM EXISTING EQUIPMENT BEING REMOVED. MAINTAIN CIRCUIT CONTINUITY TO ALL EXISTING REMAINING DEVICES, UNLESS OTHERWISE NOTED.
6. COORDINATE WITH OTHER TRADES AND PROMPTLY TRANSMIT ALL INFORMATION REQUIRED BY THEM. COORDINATE THE SEQUENCE OF DEMOLITION WITH OTHER TRADES TO ENSURE THAT ALL WORK PROCEEDS WITH A MINIMUM OF INTERFERENCE AND DELAY.
7. RELOCATE ALL CONDUITS THAT ARE TO REMAIN IN SERVICE WHICH ARE IN A LOCATION TO CONFLICT WITH NEW WORK.
8. WHEREVER EXISTING ELECTRICAL DEVICES, PANELS, CONDUITS, CABLES, AND OTHER ITEMS, CONFLICT WITH REMODEL WORK, WHETHER SHOWN OR NOT, RELOCATE THESE ITEMS TO COORDINATE WITH NEW CONSTRUCTION.
9. REUSE EXISTING CONDUITS AND WIRING WHEREVER POSSIBLE UNLESS OTHERWISE NOTED TO BE REMOVED.
10. PROVIDE PROTECTIVE COVERING OVER EXISTING EQUIPMENT WHEN INSTALLING ALL NEW WORK.

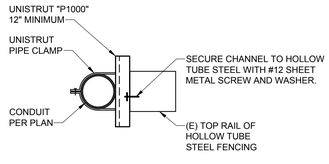


1 E0.01 — PARTIAL ONE-LINE POWER DIAGRAM
NO SCALE



HEIGHT	WIDTH	DEPTH	WEIGHT
50.3"	27.8"	9.53"	195.11 LBS

2 E0.01 — FUSIBLE DISCONNECT SWITCH ENCLOSURE DETAIL
NO SCALE



3 E0.01 — CONDUIT SURFACE MOUNTING DETAIL
NO SCALE

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100 Howe Ave., Suite 235N
Sacramento, CA 95825-8217
www.mneilsengineering.com
Tel: (916) 923-4400
PROJECT #: 25281.21

REGISTERED PROFESSIONAL ENGINEER — VETTE J. VAN ZEUTEN — No. E15483 Exp. 6/30/27 — ELECTRICAL — STATE OF CALIFORNIA

02-18-2026

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HY Architects Project number: 6306

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Project
HVAC PACKAGE UNIT REPLACEMENT

Sheet Title
ELECTRICAL COVER SHEET

Client Project Number: N/A

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

Sheet
E0.01
Sheet of

GRAPHIC SCALES: 1/16" = 1'-0" | 1/8" = 1'-0" | 1/4" = 1'-0" | 1/2" = 1'-0" | 3/4" = 1'-0" | 1" = 1'-0" | 1 1/2" = 1'-0" | 3" = 1'-0"

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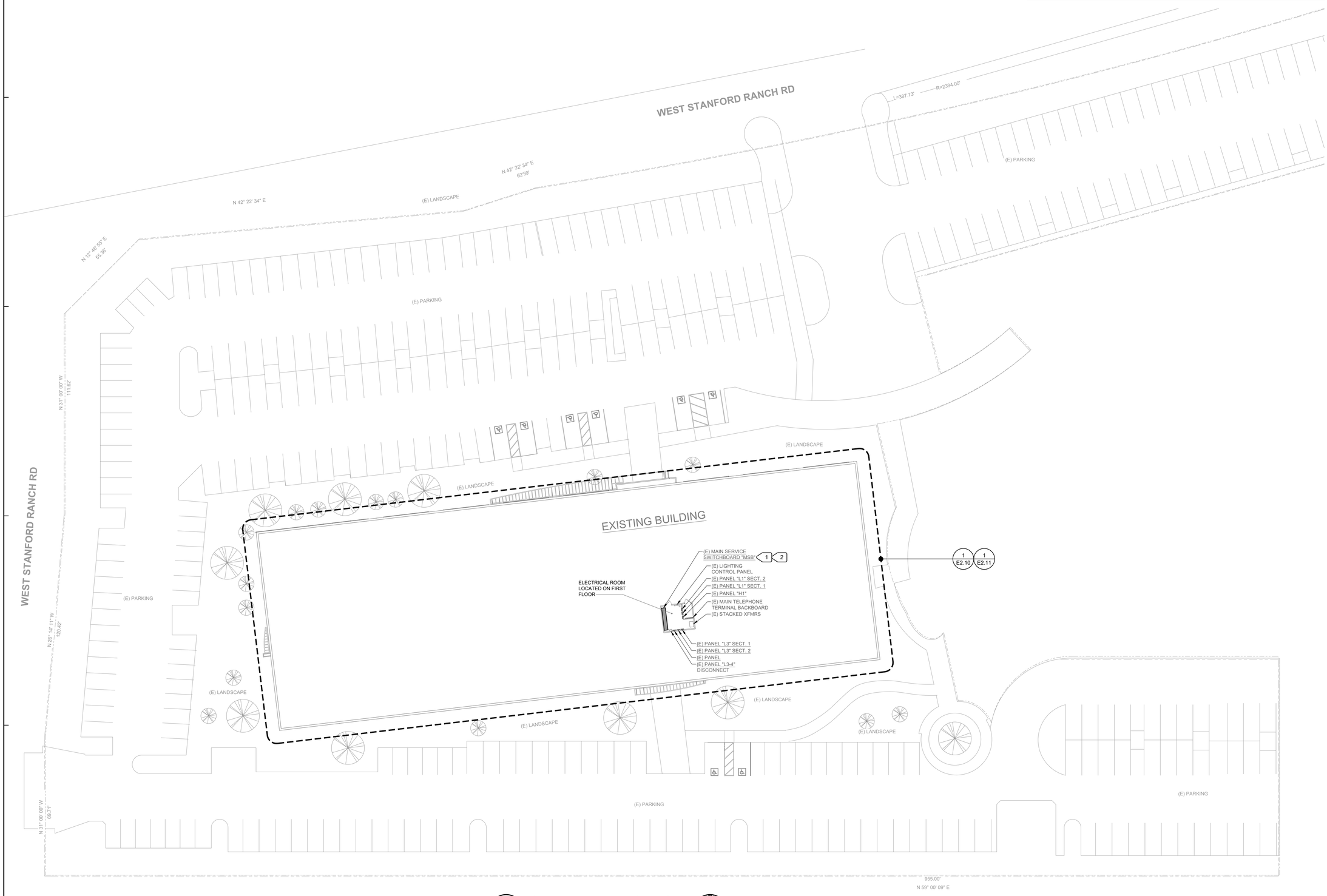
Feb 18, 2026, 2:52pm / kenjo

NUMBERED NOTES

1. DISCONNECT AND REMOVE EXISTING 400/3 CIRCUIT BREAKER. REPLACE WITH NEW 450/3 CIRCUIT BREAKER.
2. PROVIDE (2) SETS OF 3 #4/0 CU. AND 1 #2 CU. GND. IN EXISTING CONDUITS TO "AC/1".



1 / E1.01 SITE PLAN - ELECTRICAL

SCALE : 1" = 20'-0"

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02-18-2026

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HY Architects Project number: 6306

Facility

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Project

HVAC PACKAGE UNIT REPLACEMENT

Sheet Title

SITE PLAN - ELECTRICAL

Client Project Number: N/A

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

Sheet **E1.01**

Sheet of

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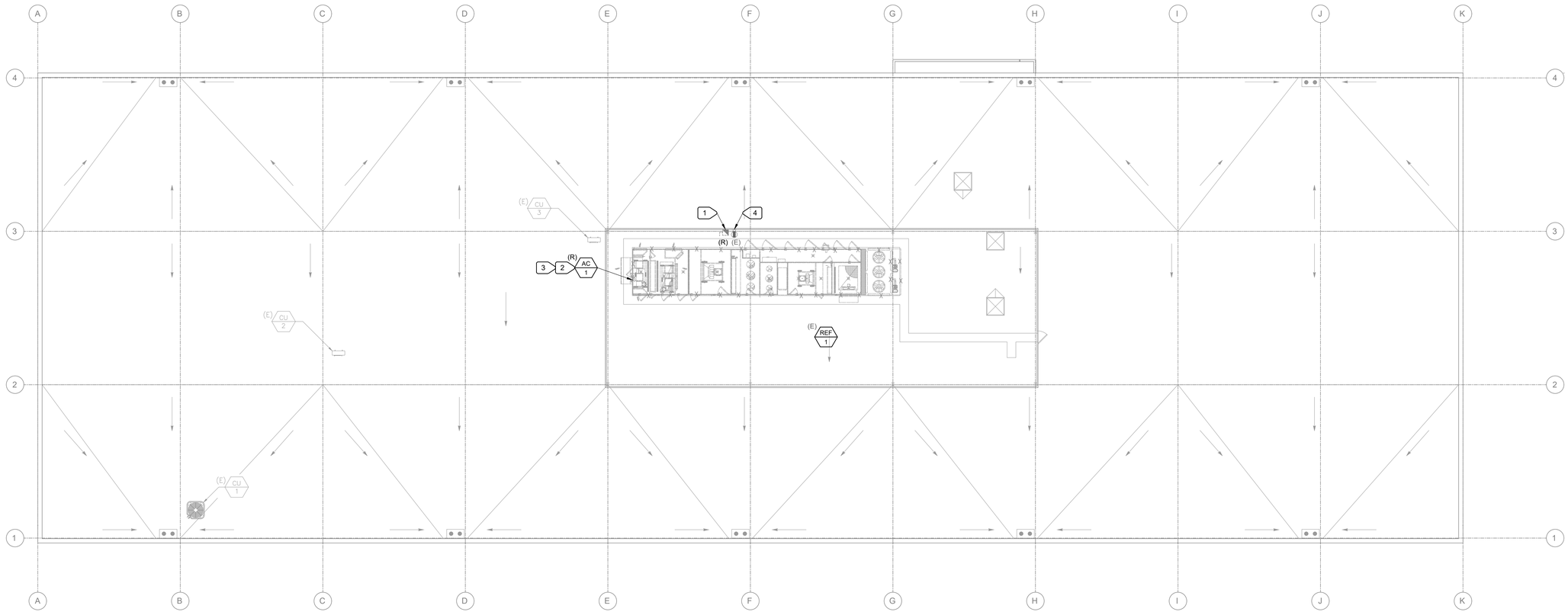
NUMBERED NOTES

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. DISCONNECT POWER TO EXISTING DUCT SMOKE DETECTORS. COORDINATE WITH FIRE ALARM CONTRACTOR.
4. EXISTING RECEPTACLE TO REMAIN. PROTECT DURING CONSTRUCTION.



1 / E2.10 ROOF PLAN - DEMOLITION ELECTRICAL

SCALE : 3/32" = 1'-0"

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PROJECT #: 25281.21

REGISTERED PROFESSIONAL ENGINEER — MATTHEW J. VAN ZANTEN — No. E15483 Exp. 6/30/27 — STATE OF CALIFORNIA

02-18-2026

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HY Architects Project number: 6306

Facility

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Project

HVAC PACKAGE UNIT REPLACEMENT

Sheet Title

ROOF PLAN - DEMOLITION ELECTRICAL

Client Project Number: N/A

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

Sheet **E2.10**

Sheet of

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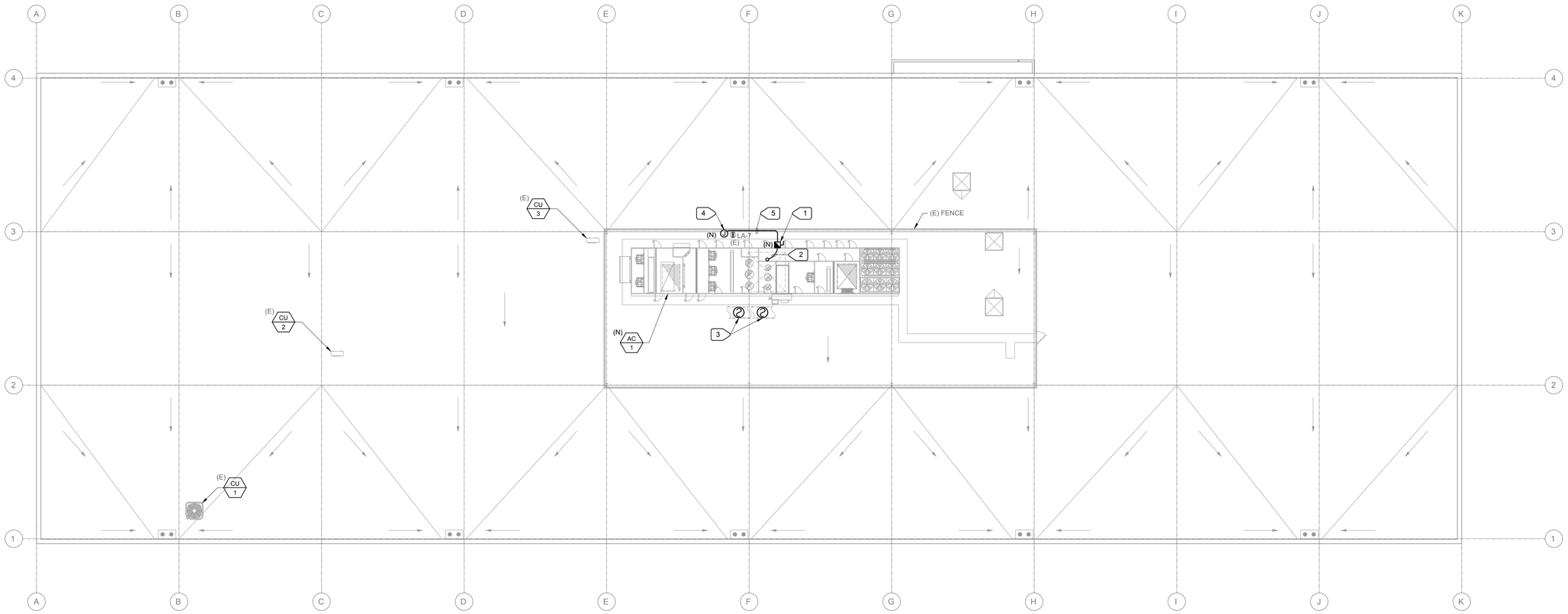
NUMBERED NOTES

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. LOCATE AND CONNECT POWER FOR DUCT SMOKE DETECTORS. COORDINATE WITH MECHANICAL AND FIRE ALARM CONTRACTOR.
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.



1 / E2.11 — ROOF PLAN - REMODEL ELECTRICAL

SCALE : 3/32" = 1'-0"

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Revisions

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02-18-2026

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HY Architects Project number: 6306

Facility

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Project

HVAC PACKAGE UNIT REPLACEMENT

Sheet Title

ROOF PLAN - REMODEL ELECTRICAL

Client Project Number: N/A

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

Sheet **E2.11**

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