

CODE SUMMARY:

ADDRESS: 16390 MAIN STREET, GUERNEVILLE, CA 95446
 APN: 070-030-059
 LAND SIZE: 0.19 ACRES
 ZONING: LCI F2 LG/ 116 LG/ RRC SR VOH
 BUILDING TYPE: VB
 FIRE SPRINKLERS: NON SPRINKLERED
 BUILDING AREA: 7,441 SQ FT (THIS PROJECT DOES NOT AFFECT BUILDING AREA)
 GROUP: B - OCCUPANCY
 PARKING: EXISTING TO REMAIN PER BUILDING PERMIT BLD17-0952:
 (9) COMPACT SPACES
 (26) STANDARD SPACES
 (1) STANDARD ACCESSIBLE SPACE
 (1) VAN ACCESSIBLE SPACE

ALTERATIONS TO EXISTING BUILDINGS:

CBC 11B-202.4 EXCEPTION #7

PROJECTS CONSISTING ONLY OF HEATING, VENTILATION, AIR CONDITIONING, REROOFING, ELECTRICAL WORK NOT INVOLVING PLACEMENT OF SWITCHES AND RECEPTACLES, COSMETIC WORK THAT DOES NOT AFFECT ITEMS REGULATED BY THIS CODE, SUCH AS PAINTING, EQUIPMENT NOT CONSIDERED TO BE A PART OF THE ARCHITECTURE OF THE BUILDING OR AREA, SUCH AS COMPUTER TERMINALS AND OFFICE EQUIPMENT SHALL NOT BE REQUIRED TO COMPLY WITH SECTION 11B-202.4 UNLESS THEY AFFECT THE USABILITY OF THE BUILDING OR FACILITY.

PER THE 2022 CALIFORNIA EXISTING BUILDING CODE(CCBC)

401.2 GENERAL. EXCEPT AS PROVIDED BY SECTION 401.2 OR THIS SECTION, ALTERATIONS TO ANY BUILDING OR STRUCTURE SHALL COMPLY WITH THE REQUIREMENTS OF THE CALIFORNIA BUILDING CODE, AS APPLICABLE, FOR NEW CONSTRUCTION. ALTERATIONS SHALL BE SUCH THAT THE EXISTING BUILDING OR STRUCTURE IS NO LESS CONFORMING TO THE PROVISIONS OF THE CALIFORNIA BUILDING CODE, AS APPLICABLE, THAN THE EXISTING BUILDING OR STRUCTURE WAS PRIOR TO THE ALTERATION.

THE PROJECT PROPOSES RE-ROOFING ON THE BUILDING AND IN-KIND UPGRADES TO ROOF MOUNTED HVAC EQUIPMENT AND FIRE ALARM UPDATES.

ACCESSIBLE ROUTE:
 EXISTING ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN PER BUILDING PERMIT BLD17-0952

ACCESSIBLE PARKING:
 EXISTING ACCESSIBLE PARKING PER BUILDING PERMIT BLD17-0952



ARCHITECT:
 CONSULTANT:

COUNTY OF SONOMA RE-ROOFING AND HVAC/FIRE ALARM IMPROVEMENTS

16390 MAIN STREET, GUERNEVILLE, CA 95446



SHEET LOG

REV #	DATE	ISSUED FOR

DATE STAMPED: 7/24/2024 Permit #: BLD22-1513
REVIEWED FOR CODE COMPLIANCE - PERMIT SONOMA

JOB NUMBER: 1189
 SHEET: **G2**

EXIT ACCESS PATH OF TRAVEL LEGEND

OCCUPANCY TAG

- BUSINESS - FUNCTION OF SPACE (PER CBC TABLE 1004.5)
- B - OCCUPANCY GROUP
- SF (GROSS OR NET) - AREA SQUARE FOOTAGE (GROSS OR NET)
- SF / OCC - OCC LOAD FACTOR (PER CBC TABLE 1004.5)
- # OCCUPANTS - MAXIMUM OCCUPANT LOAD

50 → 75 → TRAVEL DISTANCE W/ CUMULATIVE OCCUPANT LOAD & DISTANCE TO EXIT

EXIT - EGRESS COMPONENT
 EXIT DIRECTION
 OCCUPANCY LOAD

100 - CUMULATIVE LOAD - SUM OF OCCUPANTS

--- - EXIT ACCESS PATH OF TRAVEL
 - - - - - EXIT SEPARATION DISTANCE
 - . . . - MAXIMUM OVERALL DIAGONAL - AREA SERVED

STATE OF CALIFORNIA
Mechanical Systems
 CERTIFICATE OF COMPLIANCE
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A. GENERAL INFORMATION			
01 Project Location (city)	Guerneville	04 Total Conditioned Floor Area	5786
02 Climate Zone	2	05 Total Unconditioned Floor Area	0
03 Occupancy Types Within Project:		06 # of Stories (Habitable Above Grade)	1
<input type="checkbox"/> Office • <input type="checkbox"/> Support Areas • <input type="checkbox"/> All Other Occupancies			

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		
<input checked="" type="checkbox"/> Heating Air System	<input type="checkbox"/> Water Economizer	<input checked="" type="checkbox"/> Air System	<input type="checkbox"/> Pumps	<input type="checkbox"/> Air Economizer	<input type="checkbox"/> Electric Resistance Heat	<input type="checkbox"/> Fan Systems	<input type="checkbox"/> Fan Systems	<input type="checkbox"/> Fan Systems
<input checked="" type="checkbox"/> Cooling Air System	<input type="checkbox"/> System Piping	<input type="checkbox"/> Fan Systems	<input type="checkbox"/> Cooling Towers	<input checked="" type="checkbox"/> Ductwork (existing to remain, altered or new)	<input type="checkbox"/> Ventilation	<input type="checkbox"/> Zonal Systems/Terminal Boxes	<input type="checkbox"/> Zonal Systems/Terminal Boxes	<input type="checkbox"/> Zonal Systems/Terminal Boxes
<input type="checkbox"/> Mechanical Controls (existing to remain, altered or new)	<input type="checkbox"/> Chillers	<input type="checkbox"/> Boilers	<input type="checkbox"/> Boilers	<input type="checkbox"/> Boilers	<input type="checkbox"/> Boilers	<input type="checkbox"/> Boilers	<input type="checkbox"/> Boilers	<input type="checkbox"/> Boilers

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F. HVAC SYSTEM SUMMARY (DRY & WET SYSTEMS)
 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 Name or Item Tag	02 Size Category (Btu/h)	03 Heating Mode			04 Cooling Mode			
		Rating Condition (°F)	Efficiency Unit	Minimum Efficiency Required per Tables 110.2 / Title 20	Design Efficiency	Efficiency Unit	Minimum Efficiency Required per Tables 110.2 / Title 20	Design Efficiency
AC-1	<65,000		AFUE	0.8	0.81	SEER	14.3	13.4
AC-2	<65,000		AFUE	0.8	0.81	SEER	14.3	13.4
AC-4	<65,000		AFUE	0.8	0.81	SEER	14.3	13.4
AC-5	<65,000		AFUE	0.8	0.81	SEER	14.3	13.4

G. PUMPS
 This section does not apply to this project.

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H. FAN SYSTEMS & AIR ECONOMIZERS

System Name	AC-4	Quantity	1	Fan System Status	Alteration	System Zoning	all other systems	Serving Dwelling Units	Not Serving Dwelling Units	Fan System Airflow (cfm)	822	Site Elevation	200	Economizer	NA: Altered packaged AC or HP <54 kBtu/h	
																01
SF	Supply	1		Component	Airflow through Component (%)	Water Gauge (w.g.)	Component Allowance	Fan Allowance (watt/cfm) ³	Design Electrical Input Power Method	Motor Nameplate Horsepower	Design Electrical Input Power (kW)	Design				0.44
												Base Allowance for system serving spaces <=6 floors away	822	191	Manufacturer provided	
												MERV 13-16 Filter upstream of thermal conditioning equipment	822	114		
												Gas heat	822	48		
												Hydronic/DX cooling coil or heat pump coil	822	114		
												Economizer Return Damper	822	38		
Supply Fan System	822	114														
Supply Fan Base Allowance (kW)				Exhaust/Return/Relief/Transfer Fan Base Allowance(kW)			Fan System Allowance (kW) ¹	1		Fan System Electrical Output (kW)					0.44	

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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)	AND	Pumps 140.4(k), 170.2(c)(4)	AND	Fans/Economizers 140.4(c), 140.4(e), 170.2(c)	AND	System Controls 110.2, 120.2, 140.4(f), 170.2(c)	AND	Ventilation 120.1, 160.2	AND	Terminal Box Controls 140.4(d), 170.2(c)(4)(b)	AND	Distribution 120.3, 140.4(i), 160.2, 160.3	AND	Cooling Towers 110.2(e)(2)	AND	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)									COMPLIES
Mandatory Measures Compliance (See Table Q for Details)																

D. EXCEPTIONAL CONDITIONS
 This table is auto-filled with unedited 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 System Name	02 Quantity	03 System Serving	04 System Status	05 Space Type	06 Utilizing Recovered Heat
AC-1	1	Single zone	Alteration		<input type="checkbox"/>
AC-2	1	Single zone	Alteration		<input type="checkbox"/>
AC-4	1	Single zone	Alteration		<input type="checkbox"/>
AC-5	1	Single zone	Alteration		<input type="checkbox"/>

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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)(4) 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	AC-1	Quantity	1	Fan System Status	Alteration	System Zoning	all other systems	Serving Dwelling Units	Not Serving Dwelling Units	Fan System Airflow (cfm)	1,753	Site Elevation	200	Economizer	Differential Temperature	
																01
SF	Supply	1		Component	Airflow through Component (%)	Water Gauge (w.g.)	Component Allowance	Fan Allowance (watt/cfm) ³	Design Electrical Input Power Method	Motor Nameplate Horsepower	Design Electrical Input Power (kW)	Design				0.86
												Base Allowance for system serving spaces <=6 floors away	1,753	407	Manufacturer provided	
												MERV 13-16 Filter upstream of thermal conditioning equipment	1,753	244		
												Gas heat	1,753	102		
												Hydronic/DX cooling coil or heat pump coil	1,753	244		
												Economizer Return Damper	1,753	81		
Supply Fan System	1,753	244														
Supply Fan Base Allowance (kW)				Exhaust/Return/Relief/Transfer Fan Base Allowance(kW)			Fan System Allowance (kW) ¹	1.32		Fan System Electrical Output (kW)					0.86	

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H. FAN SYSTEMS & AIR ECONOMIZERS

System Name	AC-5	Quantity	1	Fan System Status	Alteration	System Zoning	all other systems	Serving Dwelling Units	Not Serving Dwelling Units	Fan System Airflow (cfm)	1,753	Site Elevation	200	Economizer	Differential Temperature	
																01
SF	Supply	1		Component	Airflow through Component (%)	Water Gauge (w.g.)	Component Allowance	Fan Allowance (watt/cfm) ³	Design Electrical Input Power Method	Motor Nameplate Horsepower	Design Electrical Input Power (kW)	Design				0.86
												Base Allowance for system serving spaces <=6 floors away	1,753	407	Manufacturer provided	
												MERV 13-16 Filter upstream of thermal conditioning equipment	1,753	244		
												Gas heat	1,753	102		
												Hydronic/DX cooling coil or heat pump coil	1,753	244		
												Economizer Return Damper	1,753	81		
Supply Fan System	1,753	244														
Supply Fan Base Allowance (kW)				Exhaust/Return/Relief/Transfer Fan Base Allowance(kW)			Fan System Allowance (kW) ¹	1.32		Fan System Electrical Output (kW)					0.86	

¹ FOOTNOTES: Fans serving spaces with design background noise goals below NC35
² Low-turnaround 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.
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.

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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 Name or Item Tag	02 Equipment Category per Tables 110.2, 140.4(a)(2) and 170.2(c)(3)	03 Equipment Type per Tables 110.2 and Title 20	04 Smallest Size Available ¹ 140.4(a) and 170.2(c)(1)	05 Heating Output ^{2,3}			06 Cooling Output ^{2,3}			07 Load Calculations ⁴	
				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)	
AC-1	Furnace + AC	AC, air cooled, split + warm-air central furnace, gas-fired	NA: Altered per 141.0(b)(2)E and 180.2(b)(2)	73	73	0	41.74	40.9	48.04	45.56	
AC-2	Furnace + AC	AC, air cooled, split + warm-air central furnace, gas-fired	NA: Altered per 141.0(b)(2)E and 180.2(b)(2)	73	73	0	45.86	40.9	48.31	48.37	
AC-4	Furnace + AC	AC, air cooled, split + warm-air central furnace, gas-fired	NA: Altered per 141.0(b)(2)E and 180.2(b)(2)	37	37	0	19.55	17.8	16.18	21.37	
AC-5	Furnace + AC	AC, air cooled, split + warm-air central furnace, gas-fired	NA: Altered per 141.0(b)(2)E and 180.2(b)(2)	73	73	0	47.85	40.9	58.19	67.32	

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 exempted.
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).

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H. FAN SYSTEMS & AIR ECONOMIZERS

System Name	AC-2	Quantity	1	Fan System Status	Alteration	System Zoning	all other systems	Serving Dwelling Units	Not Serving Dwelling Units	Fan System Airflow (cfm)	1,753	Site Elevation	200	Economizer	Differential Temperature	
																01
SF	Supply	1		Component	Airflow through Component (%)	Water Gauge (w.g.)	Component Allowance	Fan Allowance (watt/cfm) ³	Design Electrical Input Power Method	Motor Nameplate Horsepower	Design Electrical Input Power (kW)	Design				0.86
												Base Allowance for system serving spaces <=6 floors away	1,753	407	Manufacturer provided	
												MERV 13-16 Filter upstream of thermal conditioning equipment	1,753	244		
												Gas heat	1,753	102		
												Hydronic/DX cooling coil or heat pump coil	1,753	244		
												Economizer Return Damper	1,753	81		
Supply Fan System	1,753	244														
Supply Fan Base Allowance (kW)				Exhaust/Return/Relief/Transfer Fan Base Allowance(kW)			Fan System Allowance (kW) ¹	1.32		Fan System Electrical Output (kW)					0.86	

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

01 Fan System Name	02 Qty	03 Hours of Operation per Year	04 Design Supply Airflow Rate	05 Outdoor Airflow	06 % Outdoor Air at Full Design Airflow	07 Exemptions to Exhaust Air Heat Recovery Requirement per 140.4(q) & 170.2(c)(4)	08 Exhaust Air Heat Recovery Requirement per 140.4(q) & 170.2(c)(4)	09 Type Of Heat Recovery Rating	10 Required Recovery Ratio	11 Energy Recovery Bypass

Fan Energy Index (FEI)

01 Name or Item Tag	02 FEI Exception	03 FEI

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)(4) 170.2(c)(4) or requirements in 141.0(b)(2)E and 180.2(b)(2) for altered space conditioning systems.

01 System Name	02 System Zoning	03 Conditioned Floor Area Being Served (ft²)	04 Thermostats 110.2(b) & (c), 120.2(a) 120.2(e) & 160.3(a)(2) & 160.3(a)(2)	05 Shut-Off Controls 120.2(g) & 160.3(a)(2)	06 Isolation Zone Controls 120.2(g) & 160.3(a)(2)	07 Demand Response 140.4(q) & 160.3(a)(2)	08 Supply Air Temp. Reset 140.4(f) & 170.2(c)(4)	09 Window Interlocks per 140.4(n) & 170.2(c)(4)
AC-1	Single zone	<= 25,000 ft²	Setback	Auto Timer Switch	NA: Servs < 25k ft²	DR Tstat per 110.12	Included	NA: Alteration Project
AC-2	Single zone	<= 25,000 ft²	Setback	Auto Timer Switch	NA: Servs < 25k ft²	DR Tstat per 110.12	Included	NA: Alteration Project
AC-4	Single zone	<= 25,000 ft²	Setback	Auto Timer Switch	NA: Servs < 25k ft²	DR Tstat per 110.12	Included	NA: Alteration Project
AC-5	Single zone	<= 25,000 ft²	Setback	Auto Timer Switch	NA: Servs < 25k ft²	DR Tstat per 110.12	Included	NA: Alteration Project

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.

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ARCHITECT: AXIA ARCHITECTS
 CONSULTANT: COUNTY OF SONOMA RE-ROOFING AND HVAC/FIRE ALARM IMPROVEMENTS
 SEAL: [Professional Seal]
 SHEET LOG: REV #, DATE, ISSUED FOR
 JOB NUMBER: 1189
 SHEET: G3
 T-24 DOCUMENTATION
 ORIGINAL DATE: JULY 15TH, 2024
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 501 Mendocino Ave. Santa Rosa, CA 95401
 707.542.4662
 16390 MAIN STREET, GUERNEVILLE, CA 95446
 Date Stamp: 7/24/2024 Permit #: BLD22-1513
 REVIEWED FOR CODE COMPLIANCE - PERMIT SONOMA
 Ronald Morris

J. VENTILATION AND INDOOR AIR QUALITY Table with columns for Zone, Space Name, Occupancy Type, and various airflow/CFM metrics. Includes rows for Break 104 Zone, Hallway 105 Zone, and Office zones 100-102.

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J. VENTILATION AND INDOOR AIR QUALITY Table with columns for Zone, Space Name, Occupancy Type, and various airflow/CFM metrics. Includes rows for Office zones 122-123, Reception 125 Zone, and Office zones 116-118.

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L. DISTRIBUTION (DUCTWORK AND PIPING) Table with columns for Question, Answer, and Compliance Status. Includes questions about duct leakage testing and system specifications.

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J. VENTILATION AND INDOOR AIR QUALITY Table with columns for Zone, Space Name, Occupancy Type, and various airflow/CFM metrics. Includes rows for Break 104 Zone, Hallway 105 Zone, and Office zones 109-110.

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J. VENTILATION AND INDOOR AIR QUALITY Table with columns for Zone, Space Name, Occupancy Type, and various airflow/CFM metrics. Includes rows for Office 128 Zone, Conference 130 Zone, and Office zone 129.

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L. DISTRIBUTION (DUCTWORK AND PIPING) Table with columns for Question, Answer, and Compliance Status. Includes questions about duct leakage testing and system specifications.

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J. VENTILATION AND INDOOR AIR QUALITY Table with columns for Zone, Space Name, Occupancy Type, and various airflow/CFM metrics. Includes rows for Office zones 111-112, 113-114, and 115-118.

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K. TERMINAL BOX CONTROLS and L. DISTRIBUTION (DUCTWORK AND PIPING) Tables. Includes questions about terminal box controls and duct leakage testing.

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L. DISTRIBUTION (DUCTWORK AND PIPING) Table with columns for Question, Answer, and Compliance Status. Includes questions about duct leakage testing and system specifications.

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AXIA ARCHITECTS logo and contact information. Vertical text: COUNTY OF SONOMA RE-ROOFING AND HVAC/FIRE ALARM IMPROVEMENTS. Vertical text: 16390 MAIN STREET, GUERNEVILLE, CA 95446. Vertical text: REVIEWED FOR CODE COMPLIANCE - PERMIT SONOMA. Vertical text: Date Stamp: 7/24/2024 Permit #: BLD21-1513. Vertical text: Ronald Morris. Vertical text: SEAL: LICENSED ARCHITECT BOB LAMM HILBURN No. C-29543 REN-1031-25. SHEET LOG table with columns for REV #, DATE, and ISSUED FOR. JOB NUMBER: 1189. SHEET: G4. T-24 DOCUMENTATION. ORIGINAL DATE: JULY 15TH, 2024. © AXIA ARCHITECTS

C:\Users\DHilberman\Documents\16390 Main Street Improvements\16390 Main Street Improvements - Mechanical Systems - 3/13/2024 9:02:39 PM C:\Users\DHilberman\Documents\16390 Main Street Improvements\16390 Main Street Improvements - Mechanical Systems - 3/13/2024 9:02:39 PM

L. DISTRIBUTION (DUCTWORK and PIPING)		
		Dwelling Units: Total duct leakage of duct system shall not exceed 12% or duct system to outside shall not exceed 6% per RA3.1.4 required for systems?
		Duct leakage testing per CMC Section 603.10.1 required for these systems?
11	No	The scope of the project includes only duct systems serving healthcare facilities
12	Yes	Duct system provides conditioned air to an occupiable space for a constant volume, single zone, space-conditioning system.
13	Yes	The space conditioning system serves less than 5,000 ft ² of conditioned floor area.
14	No	The combined surface area of the ducts is more than 25% of the total surface area of the entire duct system:
15		The scope of the project includes extending an existing duct system, which is constructed, insulated or sealed with asbestos.
16	No	The scope of the project includes an existing duct system that is documented to have been previously sealed as confirmed through field verification and diagnostic testing in accordance with procedures in the Reference Nonresidential Appendix NA2.
17		All Ductwork and plenums with pressure class ratings shall be constructed to Seal Class A
18		All ductwork is an extension of an existing duct system
19		Ductwork serving individual dwelling unit
20		< 25 ft of new or replacement space conditioning ducts installed
21	R-4.2	Duct Insulation R-value
22		
23		

M. COOLING TOWERS
 This section does not apply to this project.

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 Schema Version: rev 20220101 Report Generated: 2024-03-13 11:35:24

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
 I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Sean Plikuhn
 Company: SOLDATA Energy Consulting
 Address: P.O. Box 8579
 City/State/Zip: Santa Rosa CA 95407

Signature Date: 2024-03-13
 CEAI/HERS Certification Identification (if applicable):

Documentation Author Signature: *Sean Plikuhn*

RESPONSIBLE PERSON'S DECLARATION STATEMENT
 I certify the following under penalty of perjury, under the laws of the State of California:

- The information provided on this Certificate of Compliance is true and correct.
- 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)
- 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.
- 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.
- I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Chris Del Core
 Company: Costa Engineers
 Address: 851 Napa Valley Corporate Way, Suite D
 City/State/Zip: Napa CA 94558

Date Signed: 2024-03-13
 License: M31600
 Phone: (707) 252-9177

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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/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCI/

Form/Title
 NRCI-MCH-01-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/title24/2019standards/2019_compliance_documents/Nonresidential_Documents/NRCA/

Form/Title	Systems/Spaces To Be Field Verified
NRCA-MCH-02-A - Outdoor Air must be submitted for all newly installed HVAC units. Note: MCH-02-A can be performed in conjunction with MCH-07-A Supply Fan VFD Acceptance (if applicable) since testing activities overlap.	AC-1: 5T packaged; AC-2: 5T packaged; AC-4: 2T packaged; AC-5: 5T packaged;
NRCA-MCH-03-A - Constant Volume Single Zone HVAC NOTE: This form does not automatically move to "Yes". If Constant Volume Single Zone HVAC Systems are included in the scope, permit applicant should move this form to "Yes".	AC-1: 5T packaged; AC-2: 5T packaged; AC-4: 2T packaged; AC-5: 5T packaged;
NRCA-MCH-05-A - Air Economizer Controls	AC-1: 5T packaged; AC-2: 5T packaged; AC-4: 2T packaged; AC-5: 5T packaged;
NRCA-MCH-11-A Automatic Demand Shed Controls	AC-1: 5T packaged; AC-2: 5T packaged; AC-4: 2T packaged; AC-5: 5T packaged;
NRCA-MCH-12-A FDD for Packaged Direct Expansion Units	AC-1: 5T packaged; AC-2: 5T packaged; AC-5: 5T packaged;

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P. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION
 There are no NRCV forms required for this project.

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	Plan sheet or construction document location M-Sheets

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ARCHITECT:
 CONSULTANT:

COUNTY OF SONOMA RE-ROOFING AND HVAC/FIRE ALARM IMPROVEMENTS
 16390 MAIN STREET, GUERNEVILLE, CA 95446



SHEET LOG

REV #	DATE	ISSUED FOR

JOB NUMBER: 1189
 SHEET: **G5**
 T-24 DOCUMENTATION
 ORIGINAL DATE: JULY 15TH, 2024
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STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION
Envelope Component Approach NRCC-ENV-E
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CERTIFICATE OF COMPLIANCE
 Project Name: 16390 Main Street Improvements Report Page: (Page 2 of 6)
 Date Prepared: 3/13/2024

A. GENERAL INFORMATION

01 Project Location (city)	Guerneville	05 # of Stories (Habitable Above Grade)	1
02 Zipcode	95446	06 Total Conditioned Floor Area (ft ²)	7395
03 Climate Zone	2	07 Total Unconditioned Floor Area (ft ²)	0
04 Occupancy Types Within Project: (select all that apply): If one occupancy constitutes >= 80% of the conditioned floor area, the entire building envelope may be designed to comply with the provisions of that occupancy per 100.0(f).	08 <input type="checkbox"/>	08 Project includes unconditioned enclosed space(s) > 5,000 ft ² under a roof with a ceiling height of at least 15 ft. ¹	<input type="checkbox"/>

¹ FOOTNOTE: Enclosed spaces > 5,000 ft² directly under roof with ceiling height > 15 ft in climate zones 2 through 15 are required to meet the minimum daylighting requirements defined in 140.3(c)/170.2(b). Compliance with 140.3(c)/170.2(b) is documented in Table L. This is the only prescriptive requirement which applies to unconditioned spaces.

B. PROJECT SCOPE
 This table specifies project envelope components within the permit application demonstrating compliance using the prescriptive paths outlined in 140.3/170.2 and 141.0(a)/180.1 and 141.0(b)1 and 2/180.2 for additions and alterations.

My project consists of (check all that apply)		Component Types	
01		02	
<input type="checkbox"/>	New Construction or Newly Conditioned Space	<input type="checkbox"/>	Walls
<input type="checkbox"/>	One or more enclosed spaces > 5,000 ft ² directly under roof with ceiling height > 15ft	<input type="checkbox"/>	Floors
<input type="checkbox"/>	Addition of conditioned space	<input type="checkbox"/>	Exterior Opaque Doors
<input type="checkbox"/>	One or more enclosed spaces > 5,000 ft ² directly under roof with ceiling height > 15ft	<input type="checkbox"/>	Fenestration/ Glazed Doors ¹
<input type="checkbox"/>	Addition is <=700 ft ²	<input type="checkbox"/>	Roof
<input type="checkbox"/>	Addition is >700 ft ²	<input type="checkbox"/>	Walls
<input checked="" type="checkbox"/>	Alteration of conditioned space	<input checked="" type="checkbox"/>	Exterior Opaque Doors
<input type="checkbox"/>	One or more enclosed spaces > 5,000 ft ² directly under roof with ceiling height > 15ft and lighting system installed for the first time	<input checked="" type="checkbox"/>	Fenestration/ Glazed Doors ¹
<input type="checkbox"/>		<input checked="" type="checkbox"/>	Roof Assembly
<input type="checkbox"/>		<input type="checkbox"/>	Walls
<input type="checkbox"/>		<input type="checkbox"/>	Floors
<input type="checkbox"/>		<input type="checkbox"/>	Fenestration

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G. RATED ROOFING MATERIAL (COOL ROOF)
 This table demonstrates compliance with prescriptive roof material requirements in 140.3(a)1A/170.2(a)1A for new construction, 141.0(a)/180.1 for additions, and 141.0(b)2B/180.2 for alterations. Roof recovers and replacements must also document compliance with insulation requirements in Table F. Roof recovers may document compliance with roof material only in Table G.

01	02	03	04	05	06	07	08	09	10
Tag/Plan Detail ID	Name/Description/Location	Status	Occupancy Type	Roof Slope	Roof Material	Compliance Method	Required Minimum Material Performance	Designed Material Performance	U-factor / R-value of Assembly
R-10 + R-19 Roof alt TPO White CRRC	R-10 + R-19 Roof	Altered	Nonresidential	Low slope	To Be Determined	Aged solar reflectance and thermal emittance	Reflectance 0.63 Emittance 0.75	Reflectance ¹ 0.74 Emittance 0.85	

H. WALL ASSEMBLY SCHEDULE
 This section does not apply to this project.

I. FLOOR ASSEMBLY SCHEDULE
 This section does not apply to this project.

J. EXTERIOR DOOR SCHEDULE
 This section does not apply to this project.

K. FENESTRATION AND GLAZED DOOR SCHEDULE
 This section does not apply to this project.

L. DAYLIGHT IN LARGE ENCLOSED SPACES
 This section does not apply to this project.

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B. PROJECT SCOPE
¹ FOOTNOTE: Doors that are more than 25% glass in area are considered Glazed Doors and should be documented on table K with fenestration.
² Roof recovers and replacements must also check "Roof Assembly" box and document compliance with insulation requirements in Table F. Roof recovers may document compliance with roof material only in Table G.

C. COMPLIANCE RESULTS
 Results in this table are automatically calculated from data input and calculations in Tables F through L. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see the applicable table referenced below.

Opaque Envelope Components								Fenestration	Daylighting Spaces > 5,000ft ²	Compliance Results
Roof Assembly	Roofing Materials	Walls	Floors	Doors						
01	02	03	04	05	06	07	08			
(See Table F)	(See Table G)	(See Table H)	(See Table I)	(See Table J)	(See Table K)	(See Table L)			COMPLIES	
Yes	Yes									

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. ROOF ASSEMBLY SCHEDULE
 This table demonstrates compliance for prescriptive roof assembly requirements in 140.3(a)1B/170.2(a)1B for new construction, 141.0(a)/180.1 for additions, or 141.0(b)2Biii/180.2 for alterations.

01	Indicate roof types included in the project:	<input checked="" type="checkbox"/> Framed	<input type="checkbox"/> Framed-Multifamily	<input type="checkbox"/> SIPs	<input type="checkbox"/> Span Deck & Concrete	<input type="checkbox"/> Metal Panels	<input type="checkbox"/> Metal Building
01		<input checked="" type="checkbox"/>					
02							
03							
04							
05							
06							

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M. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
 Selections have been made based on information provided in this document. If any selection have been changed by the permit applicant, an explanation should be included in Table E Additional Remarks. These documents must be provided to the building inspector during construction and can be found online

Form/Title
NRCC-ENV-01-E - Must be submitted for all buildings

N. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
 There are no NRCA forms required for this project.

O. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION
 There are no forms required for this project.

Generated Date/Time: Documentation Software: EnergyPro
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 Project Name: 16390 Main Street Improvements Report Page: (Page 3 of 6)
 Date Prepared: 3/13/2024

F. ROOF ASSEMBLY SCHEDULE

Tag/Plan Detail ID	Name/Description	Status	Exception to Roof Insulation Requirements in §151.0(b)2Biii (Alts. Only)	Occupancy Type					
R-10 + R-19 Roof alt TPO White CRRC	R-10 + R-19 Roof	Altered		Nonresidential/Relocatable 1 CZ					
07	08	09	10	11	12	13	14	15	16
Tag/Plan Detail ID	How Design U-factor was determined	Roof Type & Frame Material	Frame Spacing Depth	Cavity Insulation per Design ²	Continuous Insulation per Design ²	Thermal Performance Unit	Required Thermal Performance ³	U-factor per Design	Net Area ⁴ ft ²
R-10 + R-19 Roof	JAA Tables	Wood		19	10	U-factor	0.055	per JAA per Software/Other 0.034	7395

¹ FOOTNOTES: If any individual assembly is non-compliant, assemblies may show compliance using an area-weighted calculation. Metal building roofs may not be combined with other roof types. The area-weighted compliance option is not available for alterations demonstrating compliance with R-values in Table 141.0-C.
² For alterations using U-factor as the Thermal Performance Unit, at least R-10 insulation must be above deck.
³ If "R-value" is shown in cell 13 as the Thermal Performance Unit, the R-value shown here is for continuous insulation per Table 141.0-C.
⁴ Roof area minus any fenestration/skylight area

Area-Weighted Average U-factor Compliance Calculation for Framed/ SIPs/ Span Deck & Concrete/ Metal Panel Roofs

01	02	03	04	05
Roof Type	Total Area of Roof Type (ft ²)	Area-weighted U-factor for Roof Type Required	Area-weighted U-factor for Roof Type Designed	Compliance Results Using Area-Weighted Calculation Option
Framed	7395	0.055	0.034	
Total for all Roof Types:	7395	0.055	0.034	COMPLIES

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CERTIFICATE OF COMPLIANCE
 Project Name: 16390 Main Street Improvements Report Page: (Page 6 of 6)
 Date Prepared: 3/13/2024

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
 I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Sean Plikuhn
 Signature Date: 2024-03-13
 Address: P.O. Box 8579, Santa Rosa CA 95407
 City/State/Zip: Santa Rosa CA 95407
 Phone: 707-545-4440

RESPONSIBLE PERSON'S DECLARATION STATEMENT
 I certify the following under penalty of perjury, under the laws of the State of California:

- The information provided on this Certificate of Compliance is true and correct.
- 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).
- 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.
- 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.
- I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

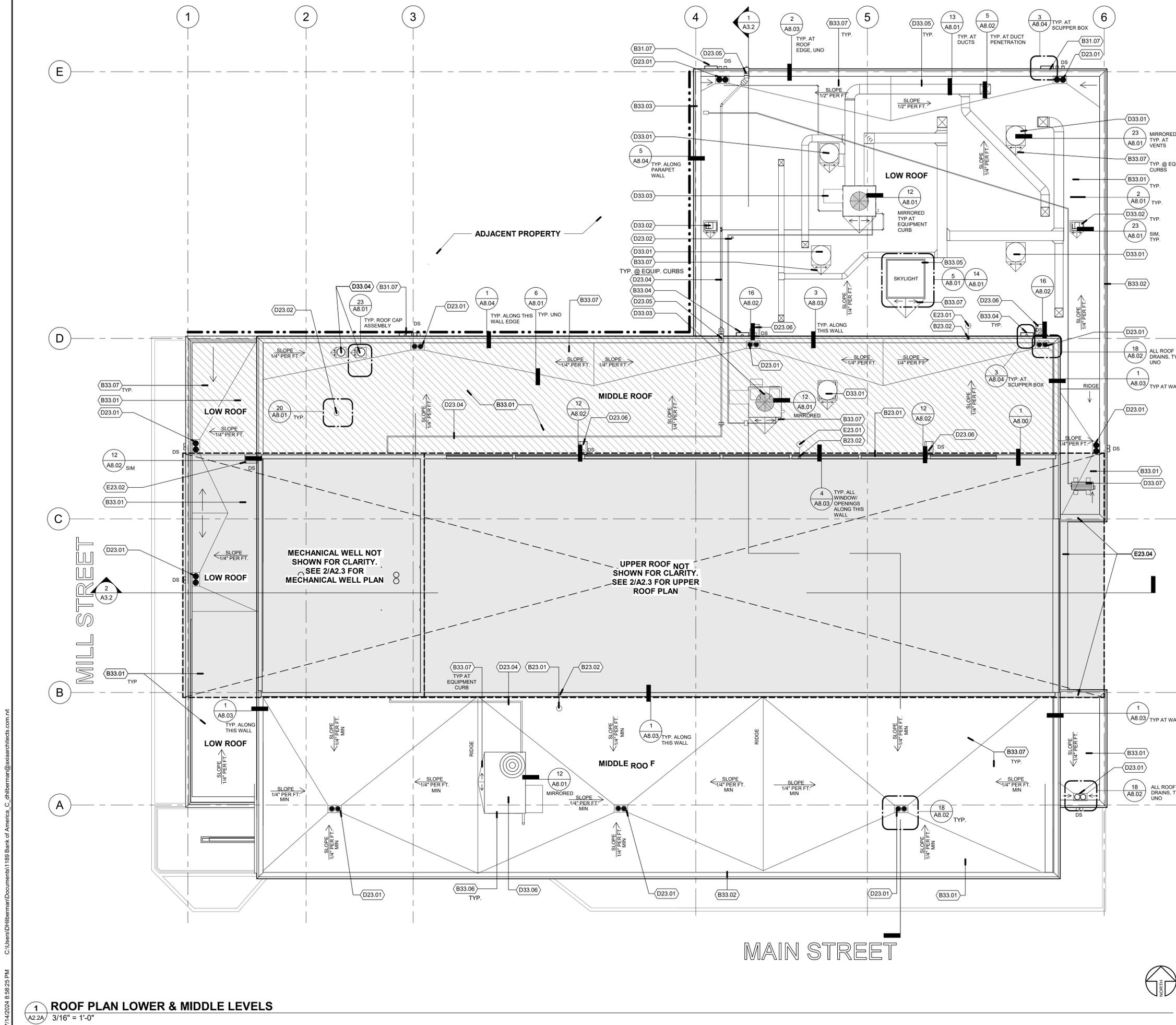
Responsible Designer Name: Sean Plikuhn
 Date Signed: 2024-03-13
 Address: 540 Mendocino Avenue, Santa Rosa CA 95401
 City/State/Zip: Santa Rosa CA 95401
 License: C 29543
 Phone: (707) 542-4652

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ARCHITECT: AXIA ARCHITECTS
 CONSULTANT: COUNTY OF SONOMA RE-ROOFING AND HVAC/FIRE ALARM IMPROVEMENTS
 SEAL: [Professional Seal]
 SHEET LOG: [Table]
 JOB NUMBER: 1189
 SHEET: G6
 T-24 DOCUMENTATION
 ORIGINAL DATE: JULY 15TH, 2024
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500 Mendocino Ave, Santa Rosa, CA 95401
 707-542-4652
 axiaarchitects.com

16390 MAIN STREET, GUERNEVILLE, CA 95446
 Date Stamp: 7/24/2024 Permit #: BLD24-1513
 REVIEWED FOR CODE COMPLIANCE - PERMIT SONOMA



- ### ROOF PLAN GENERAL NOTES
- ALL ROOF MATERIALS TO BE CLASS A RATED OR NON-COMBUSTIBLE CONFORMING TO CBC 1503 AND 1504.
 - ROOF PLANS INCLUDE THE LOCATION OF ROOFTOP UTILITIES AND UTILITY PENETRATIONS, IN THE ROOF
 - REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR EQUIPMENT, DUCTWORK, PENETRATIONS AND OTHER FEATURES NOT OTHERWISE SHOWN. FOR TYPICAL ROOFING ASSEMBLY AT EQUIPMENT SUPPORT AND PENETRATION, SEE SHEET A8.01
 - MECHANICAL / PLUMBING VENT FLASHINGS, PIPE BOOTS PER MECHANICAL DRAWINGS.
 - MECHANICAL UNIT MOUNTING PER MECHANICAL DRAWINGS.
 - MINIMUM THICKNESS OF RIGID INSULATION TO BE R-10 OR 2" AT LOW POINT OF ROOF. SLOPE 1/4" PER FT. TO DRAIN MINIMUM. SEE PLAN FOR SLOPES.
 - ELEVATIONS SHOWN ARE MEASURED FROM FINISHED FLOOR DATUM FOR THIS BUILDING.
 - PROVIDE BLOCKING, BACKING, FRAMING, SHEATHING, UTILITIES OR OTHER CONCEALED WORK, WHETHER SPECIFICALLY SHOWN OR INFERRED. REFER TO MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR CONCEALED WORK NOT SHOWN ON ARCHITECTURAL DRAWINGS.
 - SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION ON FIXED AND SURFACE MOUNTING FOR UTILITIES AND DUCTWORK.
 - NEATLY CUT AND REMOVE SURFACES AND FINISHES AS REQUIRED OR TO A NATURAL POINT OF DIVISION TO ENABLE INSTALLATION OF BLOCKING, BACKING, FRAMING, SHEATHING, UTILITIES OR OTHER CONCEALED WORK, WHETHER SPECIFICALLY SHOWN OR INFERRED FOR SUPPORT OR RENOVATION. REFER TO STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR CONCEALED WORK NOT SHOWN ON ARCHITECTURAL DRAWINGS.
 - REPAIR AND REPLACE ALL EXISTING SURFACES AND FINISHES TO MATCH EXISTING UNDISTURBED WORK.
 - EQUIPMENT / WALKWAYS PADS SHALL BE PROVIDED AT SERVICEABLE EQUIPMENT. SEE DETAIL 8/A8.01 FOR INFORMATION LAYOUT AROUND EACH EQUIPMENT.
 - ALL NEW CRICKETS AND TAPERED INSULATION SHALL BE INSTALLED WITH A FINISHED 1/2" PER FOOT MIN. SLOPE. CRICKET THE UP SLOPE SIDE OF ALL SQUARE CURBS AND PROJECTIONS.
 - REMOVE ALL ABANDONED EQUIPMENT IDENTIFIED ON ROOF TOP AND AS SHOWN ON DRAWINGS - (PATCH DECK) HOLES LESS THAN 10" WIDE - SCREW 22 GA STAINLESS STEEL SHEET METAL TO EXISTING DECK HOLES GREATER THAN 10" WIDE - ATTACH NEW WOOD DECK (MATCH EXISTING) SPAN FROM JOIST TO JOIST.
 - ENSURE ALL SOIL STACK FLASHING IS MIN 10" ABOVE ROOF, COUPLE PVC PIPE ABOVE DECK, COUPLE CAST IRON PIPE UNDER DECK.
 - PROVIDE WALKWAY PROTECTION PADS AROUND ALL ROOF TOP ACCESS LADDERS (TOP & BOTTOM).
 - ISOLATE ALL HEAT PIPES / SLEEVES AS RECOMMENDED & OUTLINED IN THE NRCA MANUAL FOR ISOLATED STACK FLASHING - (RE-DETAILS)

- ### KEYNOTES
- B23.01 INFILL CAVITIES WHERE EXISTING WINDOWS ARE REMOVED WITH NEW 2X4 STUDS TO MATCH EXISTING FRAMING AND PROVIDE NEW SIDING TO MATCH EXISTING
 - B23.02 PROVIDE BLOCKING AS REQUIRED BY FALL PROTECTION MANUFACTURER
 - B31.07 SCUPPER BOX AND DS
 - B33.01 NEW PVC ADHERED CLASS A ROOF SYSTEM, 1/4:12 SLOPE TYPICAL UNO. SEE ROOF PLANS FOR ROOF SLOPES
 - B33.02 NEW METAL EDGE FLASHING, TYPICAL UNO
 - B33.03 NEW PARAPET CAP
 - B33.04 EXISTING SCUPPER BOX AND RE-INSTALLED DS
 - B33.05 REINSTALLED SKYLIGHT ON NEW CURB
 - B33.06 PROVIDE WALKWAY PADS AT EQUIPMENT THAT REQUIRES MAINTENANCE, SEE DETAIL 8/A8.01
 - B33.07 CRICKET ASSEMBLY COMPRISED OF PVC ROOF MEMBRANE OVER COVER/ OVER BUILT-UP TAPERED RIGID INSULATION
 - D23.01 NEW MAIN ROOF DRAIN ASSEMBLY & OVERFLOW ROOF DRAIN ASSEMBLY. CONTRACTOR TO COORDINATE LOCATION OF EXISTING RAINWATER LEADERS THAT RUNS INSIDE BUILDING WITH NEW WORK
 - D23.02 NEW ROOF FLASHING BOOT AT EXISTING PLUMBING VENT STACK
 - D23.04 NEW GAS PIPE, SPD
 - D23.05 PROVIDE SEISMIC EXPANSION AT GAS PIPE, SPD
 - D23.06 MODIFIED DOWNSPOUT AND NEW CONCRETE SPLASH BLOCK, SEE DETAIL
 - D33.01 NEW GALVANIZED GRAVITY VENT HOOD & CURB, SMD
 - D33.02 NEW EXHAUST HOOD & CURB SIZE, SMD
 - D33.03 NEW MECHANICAL UNIT AND INTEGRATED CURB, SMD. SET NEW UNIT IN EXISTING LOCATION OPENINGS
 - D33.04 NEW ROOF CAP, SMD
 - D33.05 NEW ROOFTOP MOUNTED DUCTS, SMD
 - D33.06 REINSTALLED EXISTING MECHANICAL EQUIPMENT ON NEW INTEGRATED CURB
 - D33.07 REINSTALLED EXISTING MECHANICAL EQUIPMENT. SMD FOR ANCHORING DETAIL
 - E23.01 PROVIDE NEW FALL PROTECTION ANCHORAGE
 - E23.02 NEW CONCRETE SPLASHBLOCK. PROVIDE PVC WALK PAD REINFORCEMENT UNDERNEATH
 - E23.04 NEW BIRD DETERRENT STRIPS

ROOF PLAN LEGEND

- 2 HOUR RATED FIRE PROOF ROOFING ASSEMBLY
- UPPER ROOF AREA
- PROPERTY LINE

REV #	DATE	ISSUED FOR

AXIA ARCHITECTS

501 Mendocino Ave. Santa Rosa, CA 95401
707.542.4622
axiaarchitects.com

COUNTY OF SONOMA RE-ROOFING AND HVAC/FIRE ALARM IMPROVEMENTS

16390 MAIN STREET, GUERNEVILLE, CA 95446

ARCHITECT:

DATE STAMPED: 7/24/2024 Permit #: BLD21-1513
REVIEWED FOR CODE COMPLIANCE - PERMIT SONOMA

SHEET LOG

REV # DATE ISSUED FOR

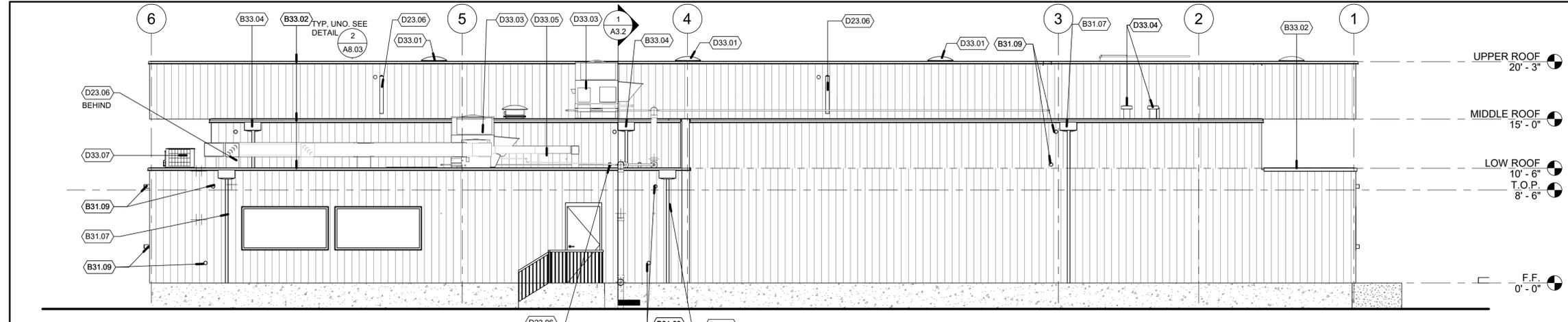
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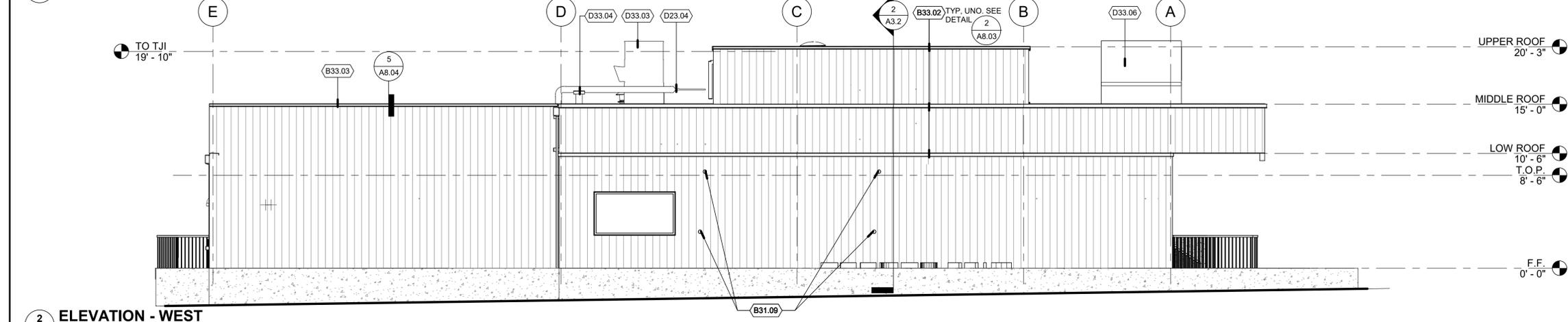
ROOF PLAN LOWER & MIDDLE LEVELS

ORIGINAL DATE: JULY 15TH, 2024

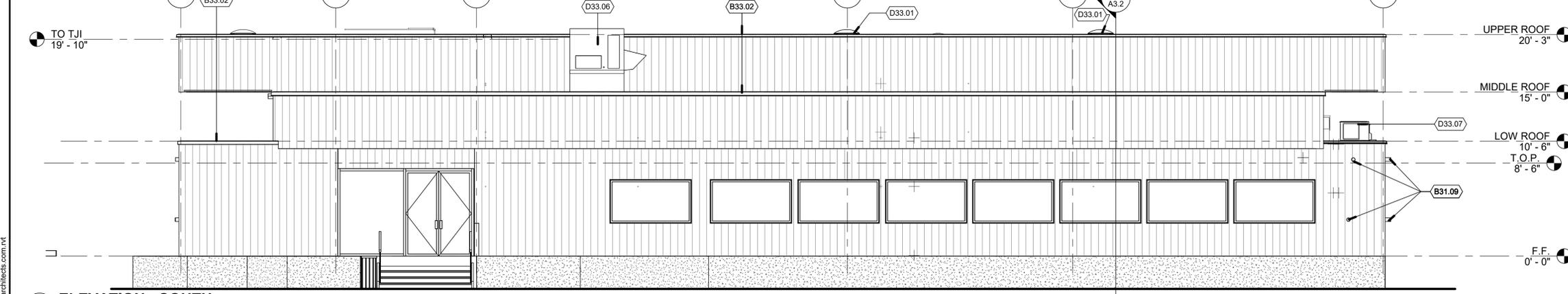
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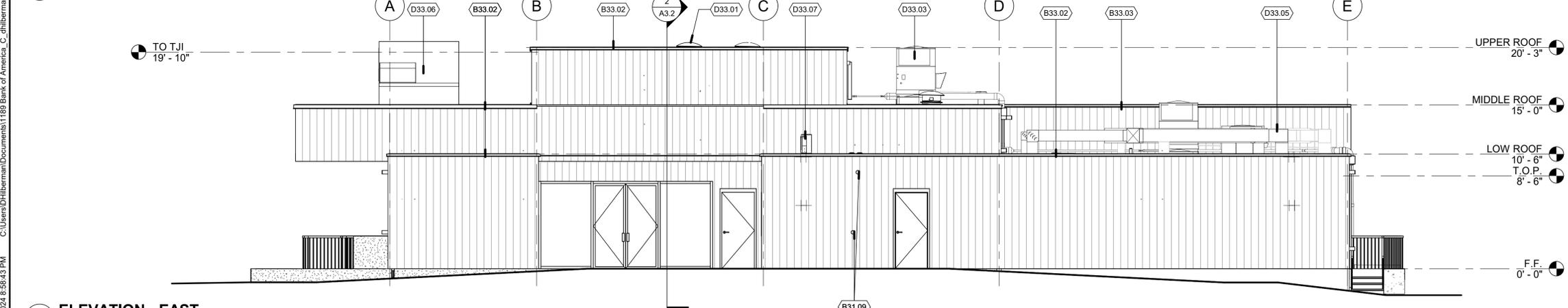
1 ELEVATION - NORTH
A3.1 3/16" = 1'-0"



2 ELEVATION - WEST
A3.1 3/16" = 1'-0"



3 ELEVATION - SOUTH
A3.1 3/16" = 1'-0"



4 ELEVATION - EAST
A3.1 3/16" = 1'-0"

EXTERIOR ELEVATION GENERAL NOTES

1. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR EQUIPMENT, DUCTWORK, PENETRATIONS AND OTHER FEATURES OTHERWISE NOT SHOWN

KEYNOTES

- B31.07 SCUPPER BOX AND DS
- B31.09 EXISTING DOWNSPOUT AND OVERFLOW DRAIN
- B33.02 NEW METAL EDGE FLASHING, TYPICAL UNO
- B33.03 NEW PARAPET CAP
- B33.04 EXISTING SCUPPER BOX AND RE-INSTALLED DS
- D23.04 NEW GAS PIPE, SPD
- D23.06 MODIFIED DOWNSPOUT AND NEW CONCRETE SPLASH BLOCK, SEE DETAIL
- D33.01 NEW GALVANIZED GRAVITY VENT HOOD & CURB, SMD
- D33.03 NEW MECHANICAL UNIT AND INTEGRATED CURB, SMD. SET NEW UNIT IN EXISTING LOCATION OPENINGS
- D33.04 NEW ROOF CAP, SMD
- D33.05 NEW ROOFTOP MOUNTED DUCTS, SMD
- D33.06 REINSTALLED EXISTING MECHANICAL EQUIPMENT ON NEW INTEGRATED CURB
- D33.07 REINSTALLED EXISTING MECHANICAL EQUIPMENT. SMD FOR ANCHORING DETAIL

ARCHITECT:
AXIA ARCHITECTS
500 Mendocino Ave, Santa Rosa, CA 95401
707.542.4622
axiaarchitects.com

CONSULTANT:

COUNTY OF SONOMA RE-ROOFING AND HVAC/FIRE ALARM IMPROVEMENTS
16390 MAIN STREET, GUERNEVILLE, CA 95446

SEAL:
LICENSED ARCHITECT
RONALD MORRIS
No. C 29543
REN-10/31-25
STATE OF CALIFORNIA
Date Stamp: 7/24/2024 Permit #: BLD22-1513
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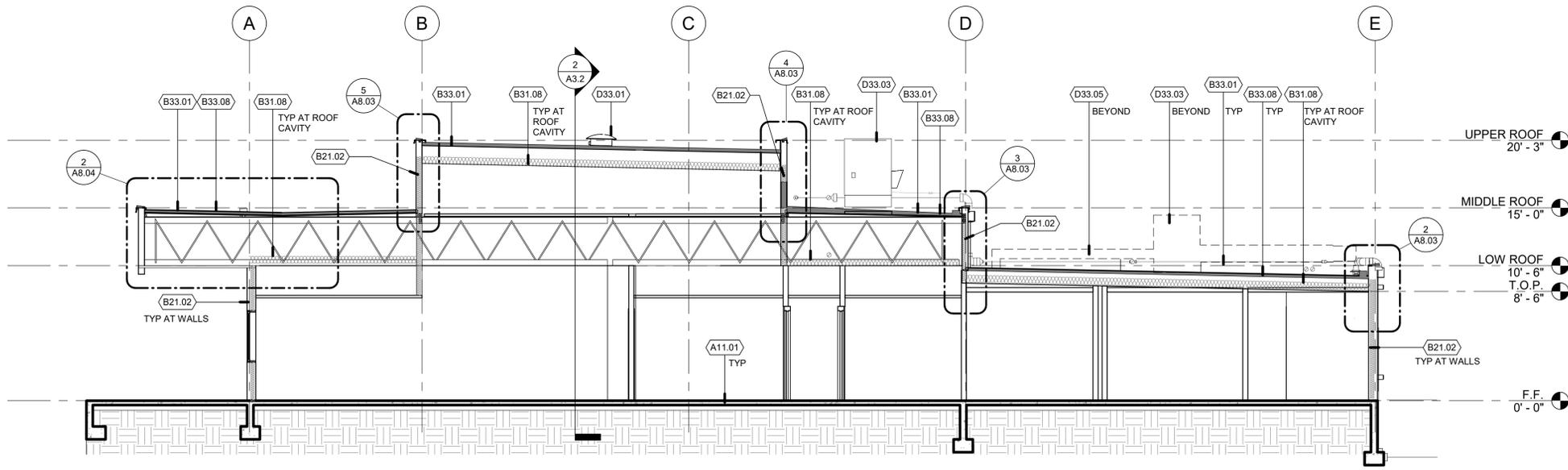
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A3.1
EXTERIOR ELEVATIONS
ORIGINAL DATE: JULY 15TH, 2024
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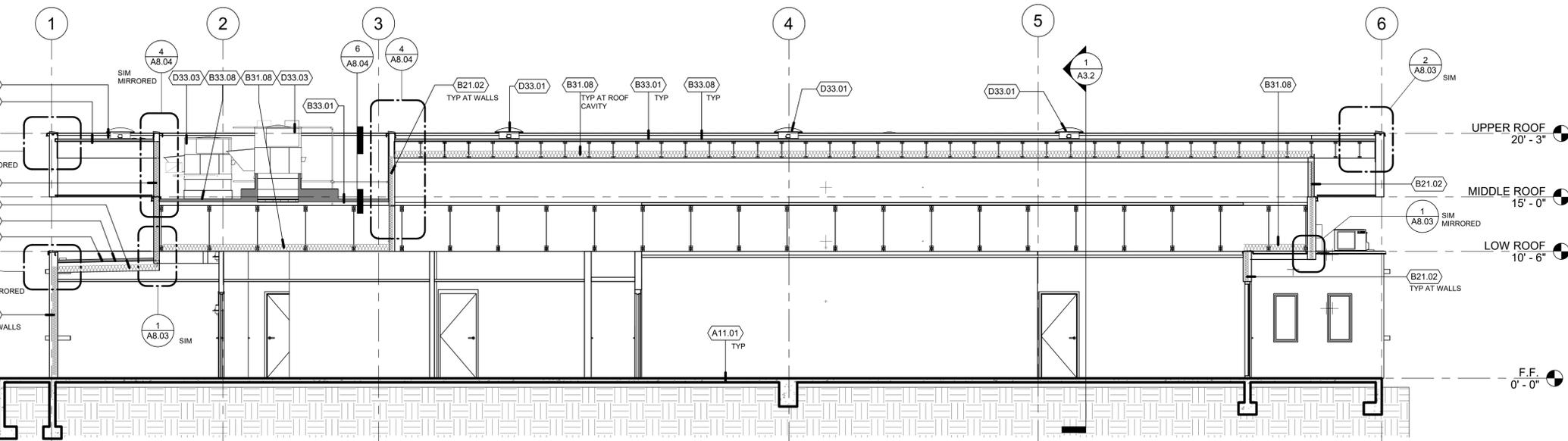
7/14/2024 8:58:43 PM C:\Users\DHilberman\Documents\1189 Bank of America_C_dhillerman@axiaarchitects.com.rvt

BUILDING SECTION GENERAL NOTES

- ELEVATIONS SHOWN ARE MEASURED FROM FINISHED FLOOR DATUM FOR THIS BUILDING.
- REFER TO FINISH SCHEDULE FOR FINISHES, TYPICAL.
- FLASH AND SEAL ALL PENETRATIONS THROUGH EXTERIOR ROOFS AND WALLS, AND FLOORS WEATHER TIGHT AND WATERPROOF. PACK ALL PENETRATIONS THROUGH THE BUILDING INSULATION ENVELOPE WITH INSULATION.
- FLASH ALL WINDOWS, DOORS, LOUVERS, ACCESS PANELS AND SIMILAR WALL OPENINGS.
- ROOF AND EXTERIOR WALL INSULATION IS EXISTING, INSTALLED AS PART OF APPROVED BUILDING CONSTRUCTION. REPAIR AND PATCH ALL INSULATION DISTURBED BY NEW CONSTRUCTION. PROVIDE AND MAINTAIN COMPLETE THERMAL BARRIER MATCHING ORIGINAL DESIGN.
- ROOF AND EXTERIOR WALL FIRE RATING IS EXISTING, INSTALLED AS PART OF APPROVED BUILDING CONSTRUCTION. REPAIR AND PATCH ALL FIRE-RATED ASSEMBLIES DISTURBED BY NEW CONSTRUCTION. PROVIDE AND MAINTAIN COMPLETE FIRE-RATED ASSEMBLIES MATCHING ORIGINAL DESIGN.
- FIREBLOCKING, CBC 718.2.2: PROVIDE MATERIALS COMPLYING WITH CBC 718.2.1 AT CONCEALED SPACES, FURRED SPACES, CEILING/FLOOR LEVELS AND 10'-0" INTERVALS ALONG LENGTH OF WALL, SOFFITS, DROP CEILINGS, AND COVE CEILINGS, CONCEALED PLACES BETWEEN STAIR STRINGERS & BETWEEN STUDS IN LINE WITH STAIR RUN, AND ALL LOCATIONS LISTED IN CBC 718.2.2 THROUGH 718.2.7.
- ATTIC DRAFTSTOPPING, CBC 718.4: PROVIDE MATERIALS COMPLYING WITH CBC 718.3.1. OPENINGS IN DRAFTSTOPPING PARTITIONS SHALL BE PROTECTED BY SELF-CLOSING DOORS WITH AUTOMATIC LATCHES CONSTRUCTED AS REQUIRED FOR THE PARTITIONS.
- DRAFTSTOPPING SHALL BE INSTALLED TO SUBDIVIDE COMBUSTIBLE ATTIC SPACES AND COMBUSTIBLE CONCEALED ROOF SPACES SUCH THAT ANY HORIZONTAL AREA DOES NOT EXCEED 3,000 SF. VENTILATION OF CONCEALED ROOF SPACES SHALL BE MAINTAINED IN ACCORDANCE WITH SECTION 1202.2.1.
- OPENINGS INTO ATTIC, CBC 1202.2.2: EXTERIOR OPENINGS INTO THE ATTIC SPACE OF ANY BUILDING INTENDED FOR HUMAN OCCUPANCY SHALL BE PROTECTED TO PREVENT THE ENTRY OF BIRDS, SQUIRRELS, RODENTS, SNAKES AND OTHER SIMILAR CREATURES.



1 LONGITUDINAL BUILDING SECTION
A3.2 3/16" = 1'-0"



2 CROSS BUILDING SECTION
A3.2 3/16" = 1'-0"

KEYNOTES

- A11.01 EXISTING 4" CONCRETE SLAB OVER 10 MIL POLYETHYLENE/ OVER 4" GRAVEL
- B21.02 EXISTING R-11 BATT INSULATION
- B31.08 EXISTING R-19 BATT INSULATION
- B33.01 NEW PVC ADHERED CLASS A ROOF SYSTEM, 1/4:12 SLOPE TYPICAL UNO. SEE ROOF PLANS FOR ROOF SLOPES
- B33.08 NEW ROOFING ASSEMBLY HAS R-10 VALUE, MIN.
- D33.01 NEW GALVANIZED GRAVITY VENT HOOD & CURB, SMD
- D33.03 NEW MECHANICAL UNIT AND INTEGRATED CURB, SMD, SET NEW UNIT IN EXISTING LOCATION OPENINGS
- D33.05 NEW ROOFTOP MOUNTED DUCTS, SMD

COUNTY OF SONOMA RE-ROOFING
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IMPROVEMENTS

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SHEET LOG

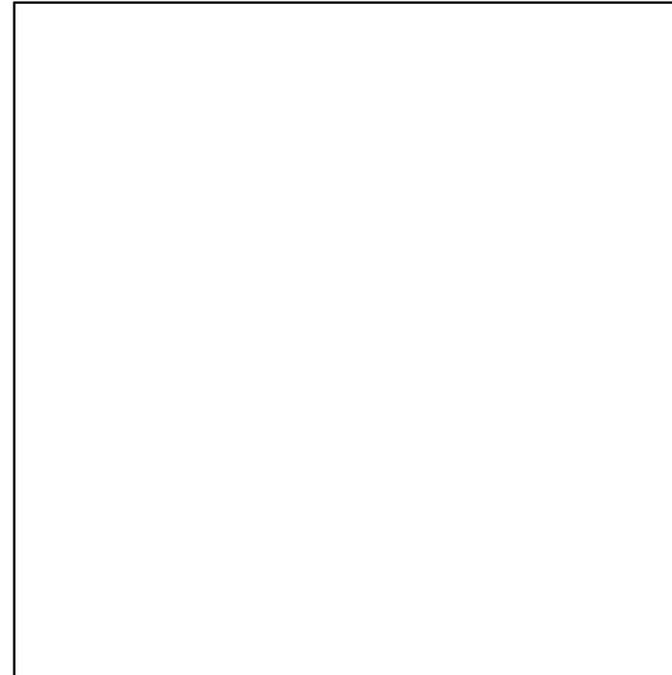
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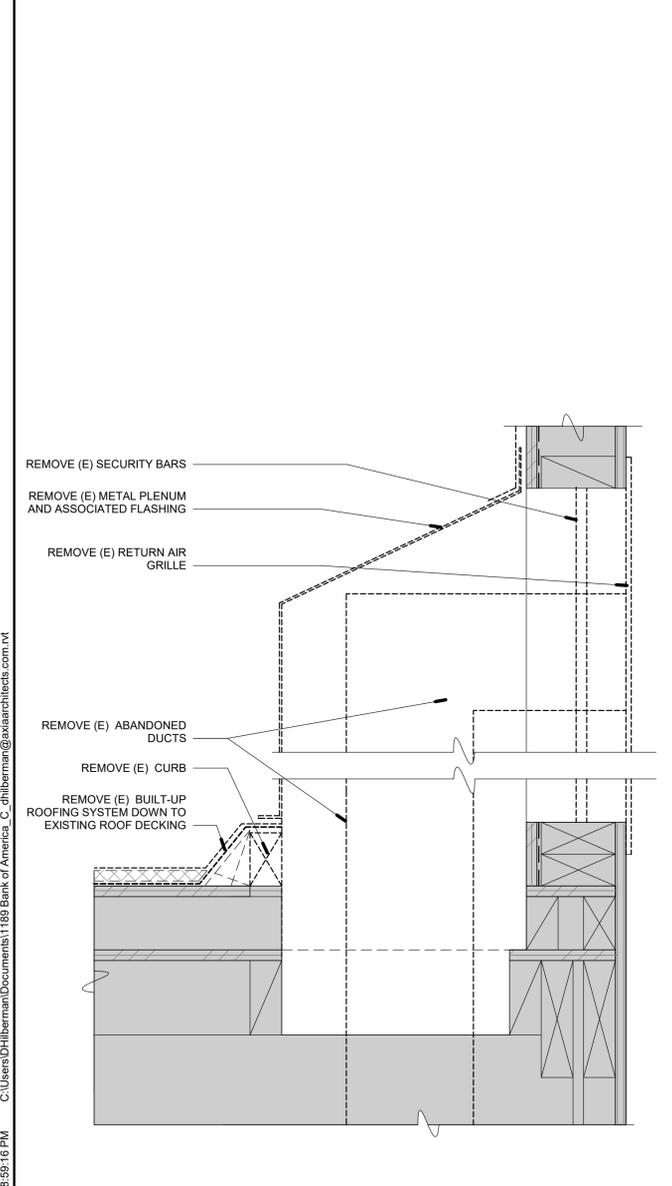
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BUILDING SECTIONS

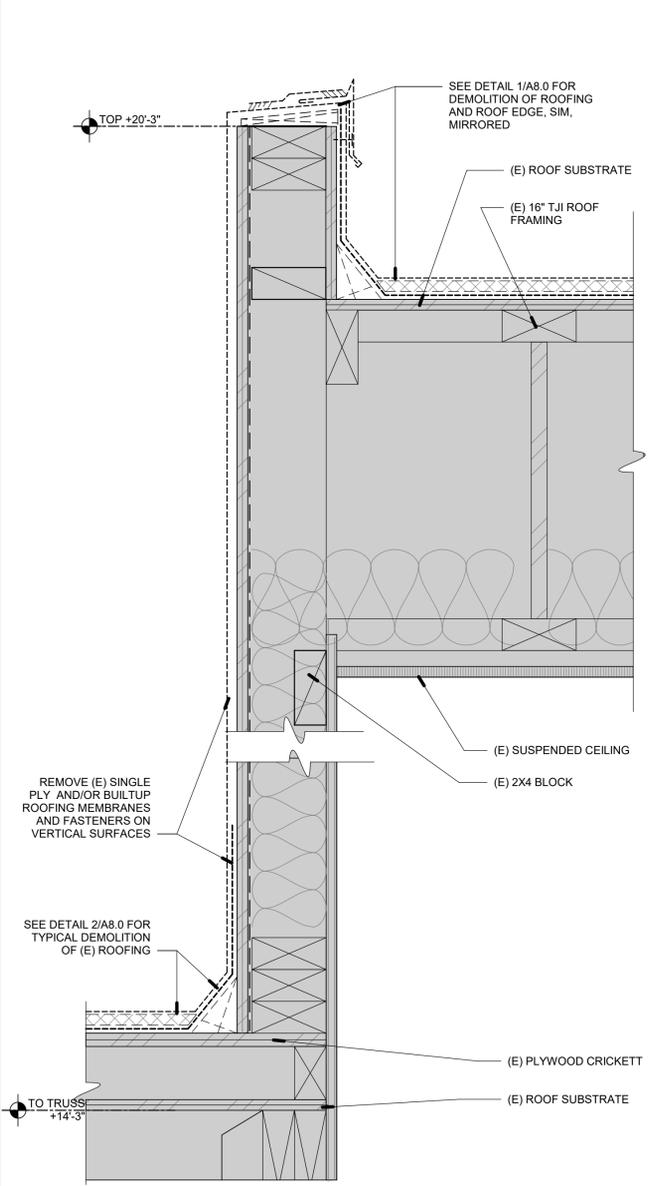
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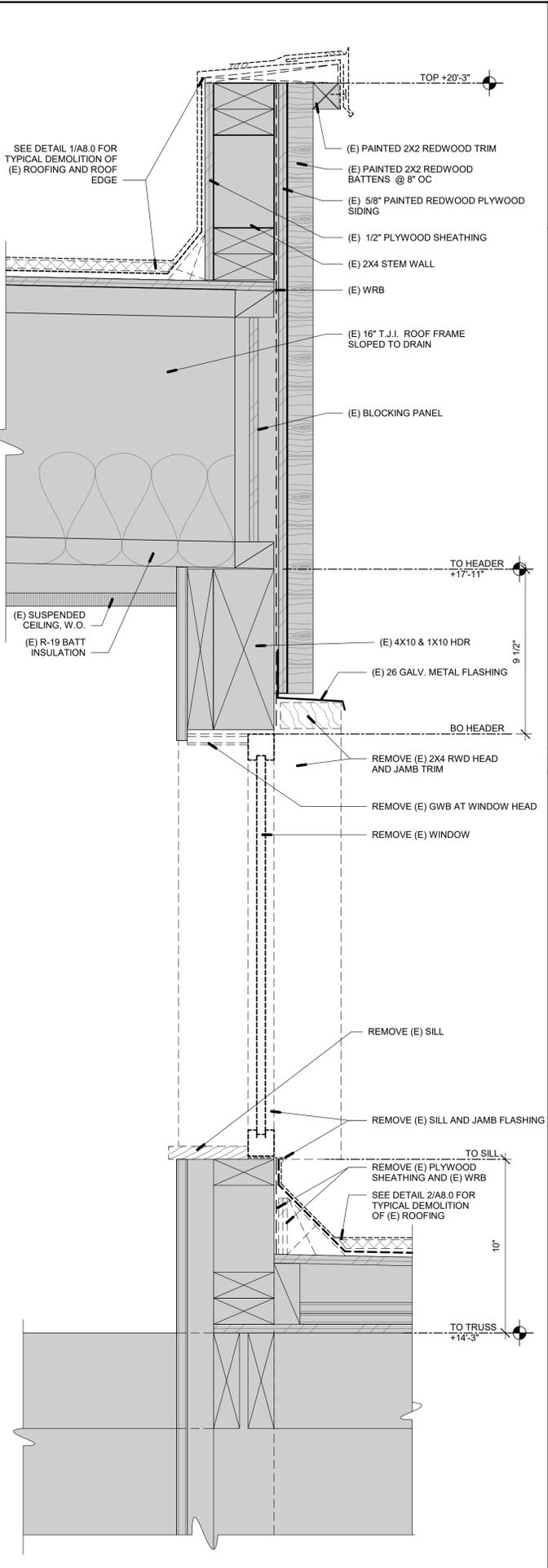
4 DEMO DETAIL AT EXISTING INTERNAL DS
A8.00 3/4" = 1'-0"



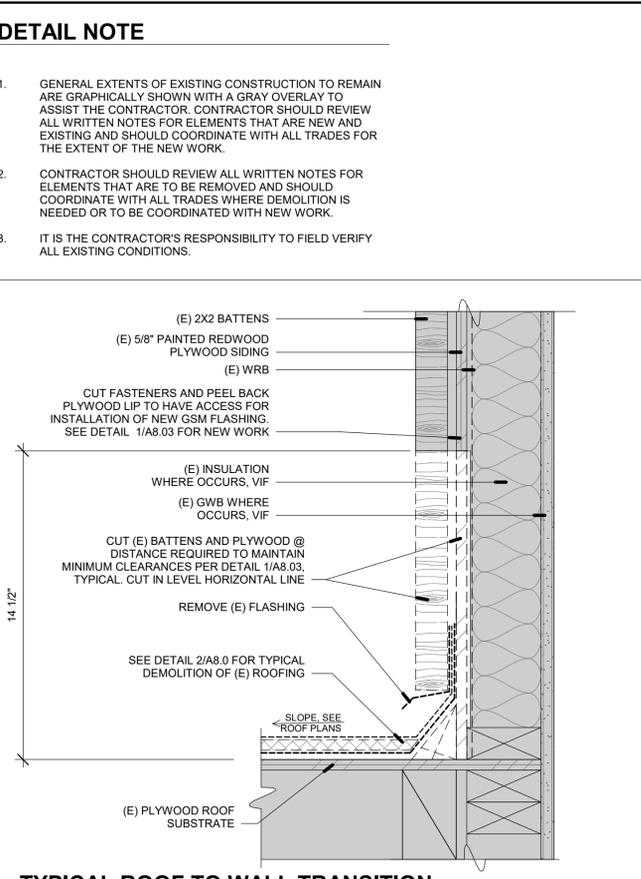
7 RETURN PLENUM DEMOLITION DETAIL
A8.00 3" = 1'-0"



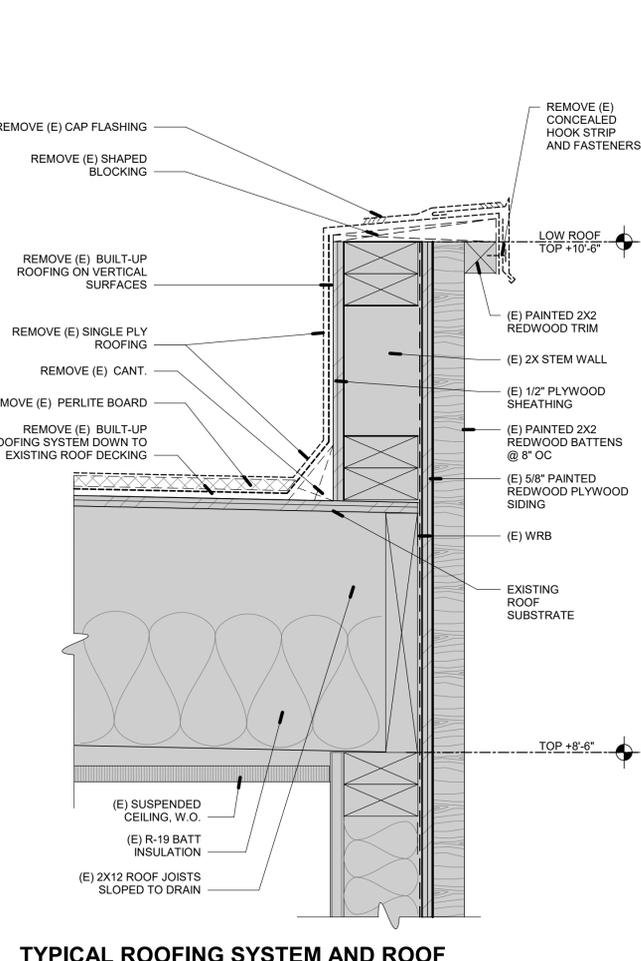
5 DEMOLITION DETAIL AT MECHANICAL WELL
A8.00 3" = 1'-0"



3 DEMOLITION DETAIL AT WINDOWS
A8.00 3" = 1'-0"



1 TYPICAL ROOF TO WALL TRANSITION - DEMOLITION DETAIL
A8.00 3" = 1'-0"



2 TYPICAL ROOFING SYSTEM AND ROOF EDGE DEMOLITION DETAIL
A8.00 3" = 1'-0"

DETAIL NOTE

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2. CONTRACTOR SHOULD REVIEW ALL WRITTEN NOTES FOR ELEMENTS THAT ARE TO BE REMOVED AND SHOULD COORDINATE WITH ALL TRADES WHERE DEMOLITION IS NEEDED OR TO BE COORDINATED WITH NEW WORK.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS.

AXIA ARCHITECTS
500 Mendocino Ave. Santa Rosa, CA 95401
707.542.4622
axiaarchitects.com

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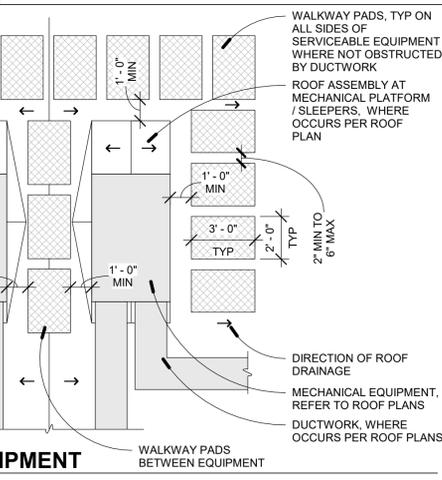
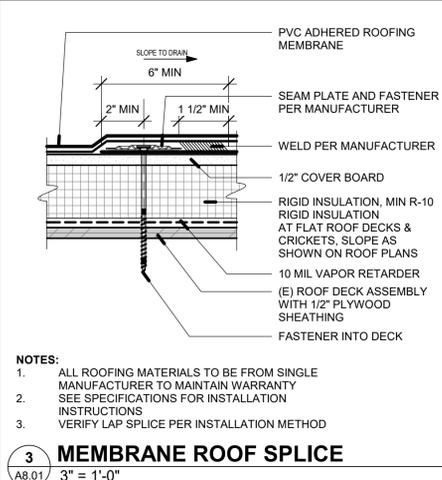
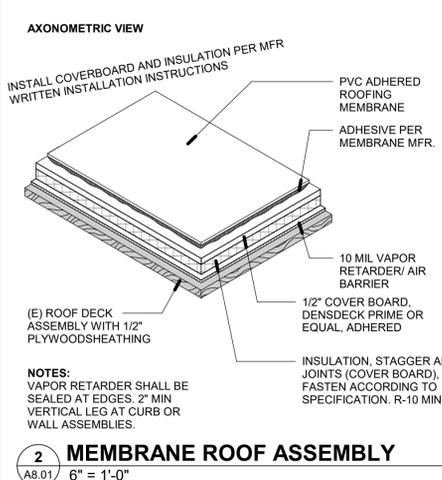
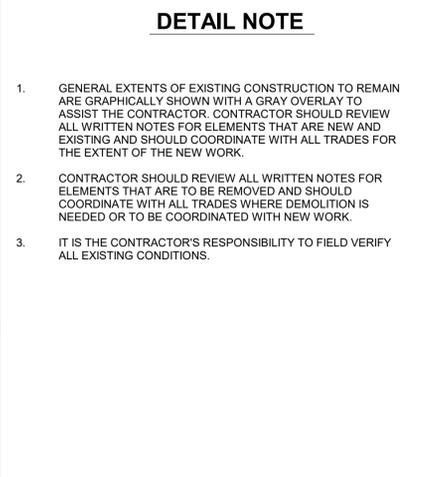
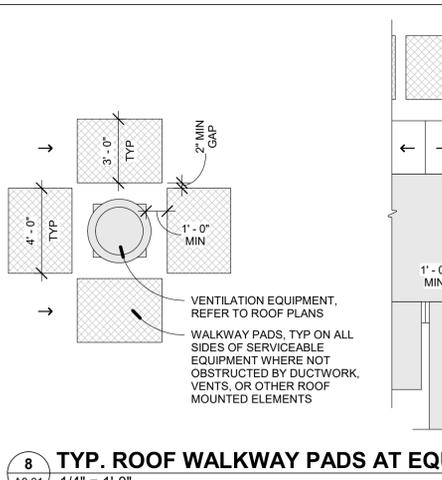
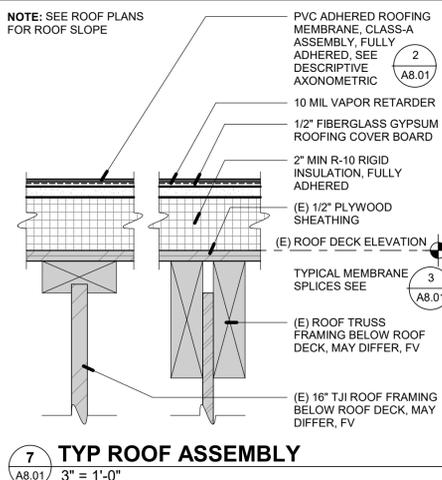
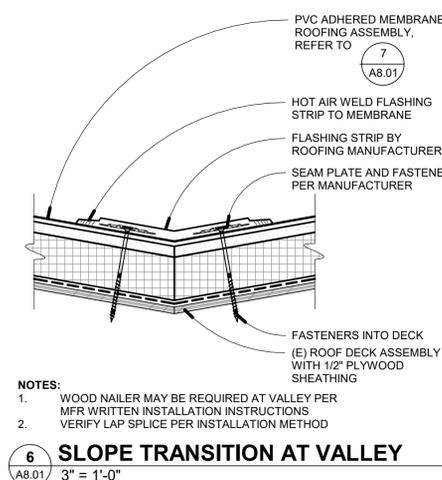
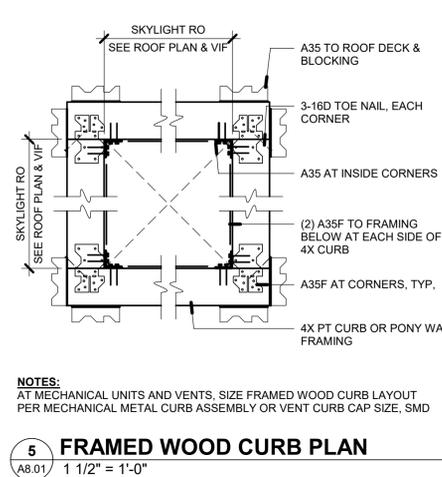
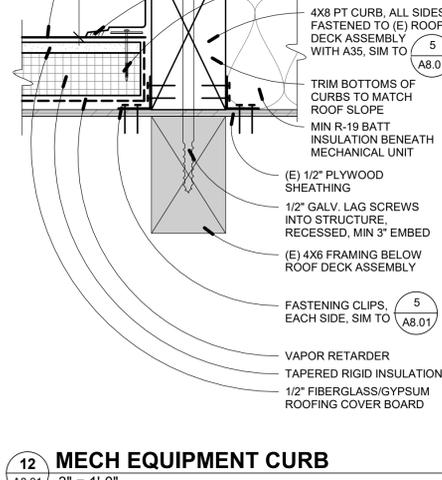
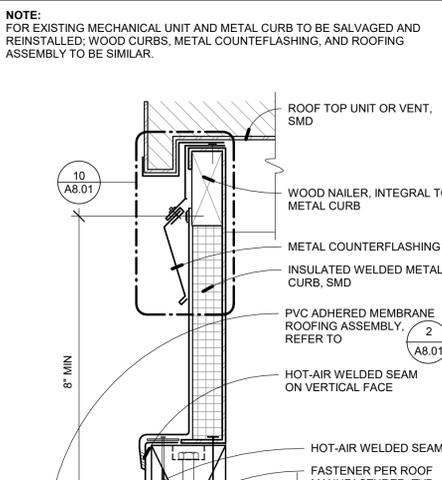
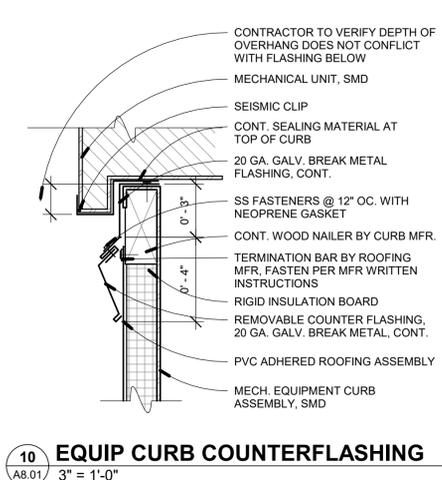
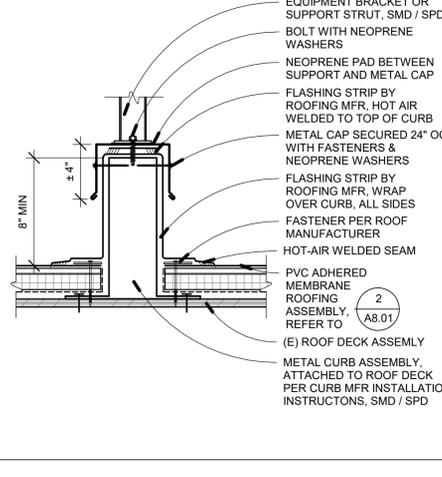
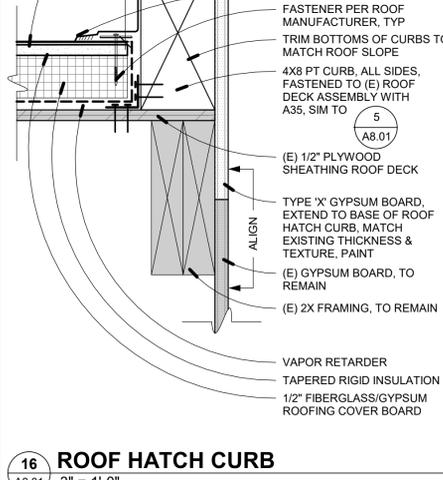
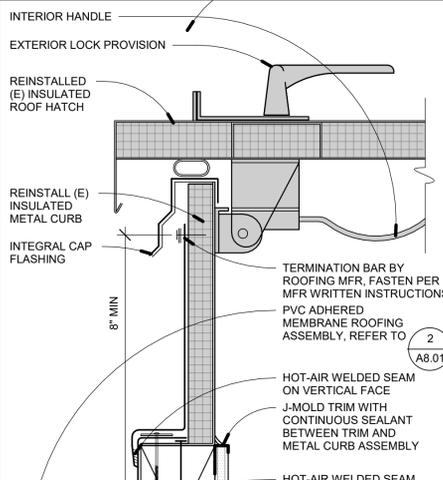
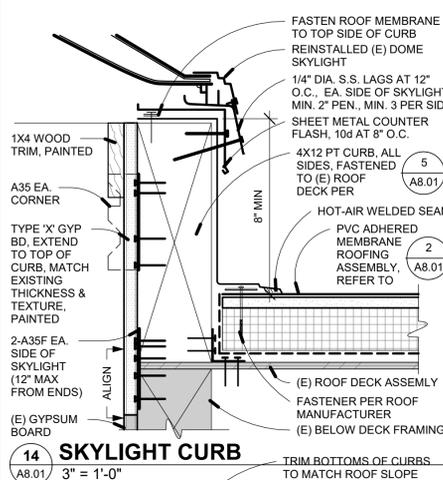
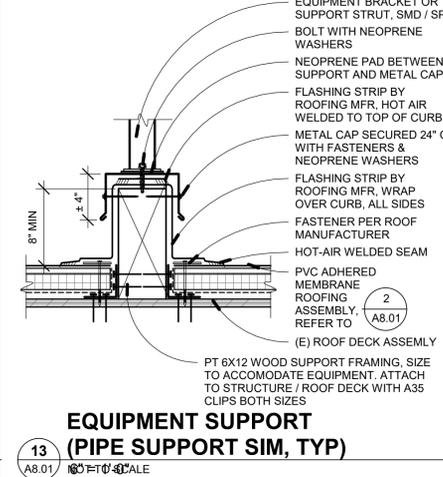
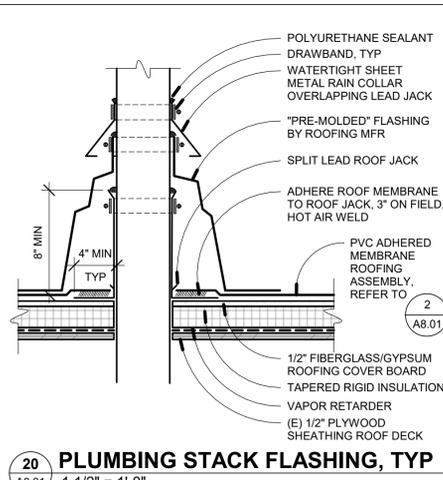
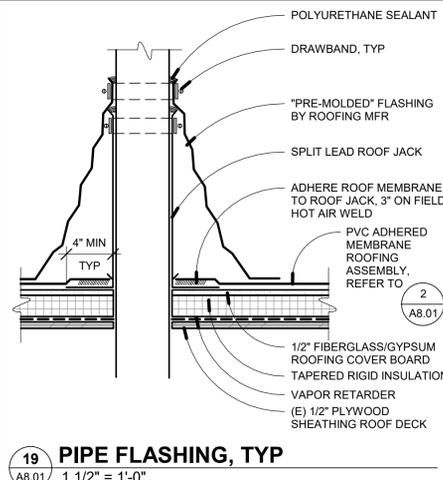
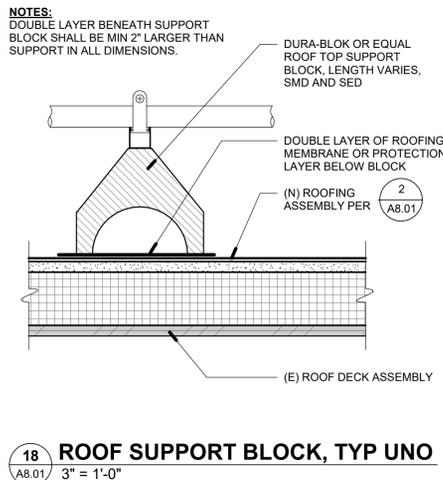
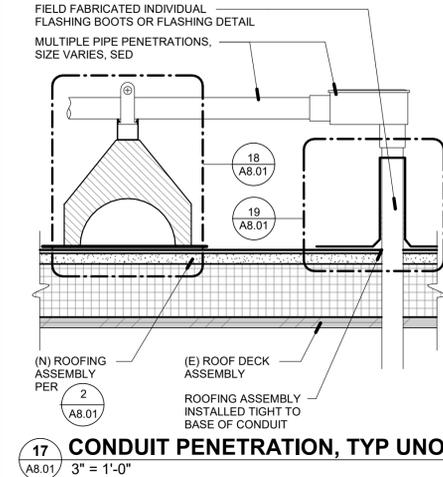
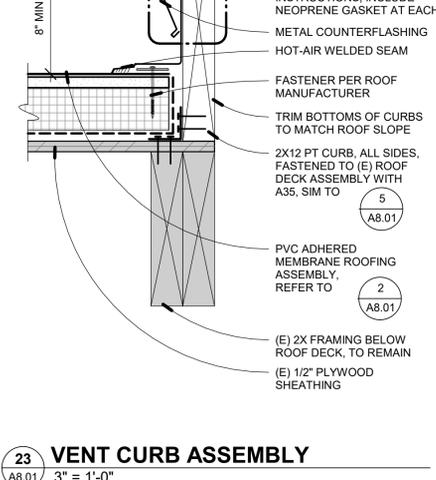
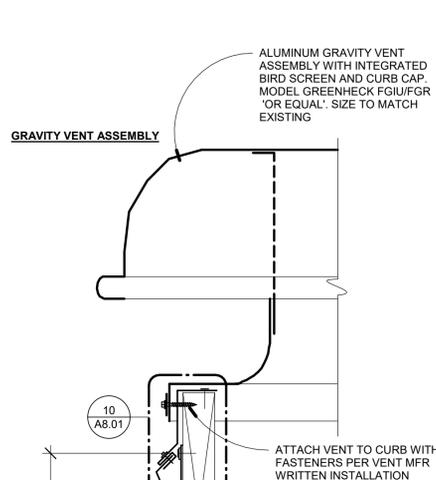
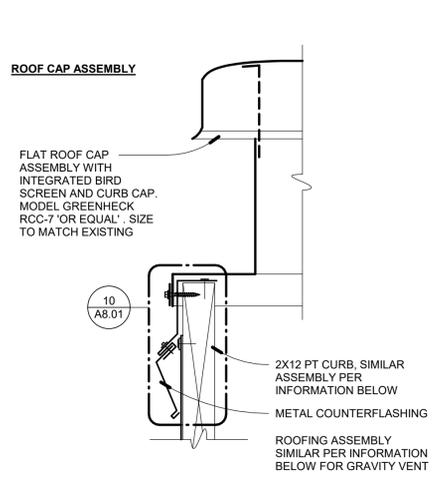
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CONSULTANT:
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Seal: **RONALD MORRIS**
LICENSED ARCHITECT
No. C-29543
REN-10/31-25
STATE OF CALIFORNIA

Date Stamp: 7/24/2024 Permit #: BLD2-1513
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SHEET LOG		
REV #	DATE	ISSUED FOR
	4/12/24	BID SET

JOB NUMBER: 1189
SHEET: **A8.00**
DEMOLITION DETAILS
ORIGINAL DATE: JULY 15TH, 2024
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DETAIL NOTE

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COUNTY OF SONOMA RE-ROOFING AND HVAC/FIRE ALARM IMPROVEMENTS

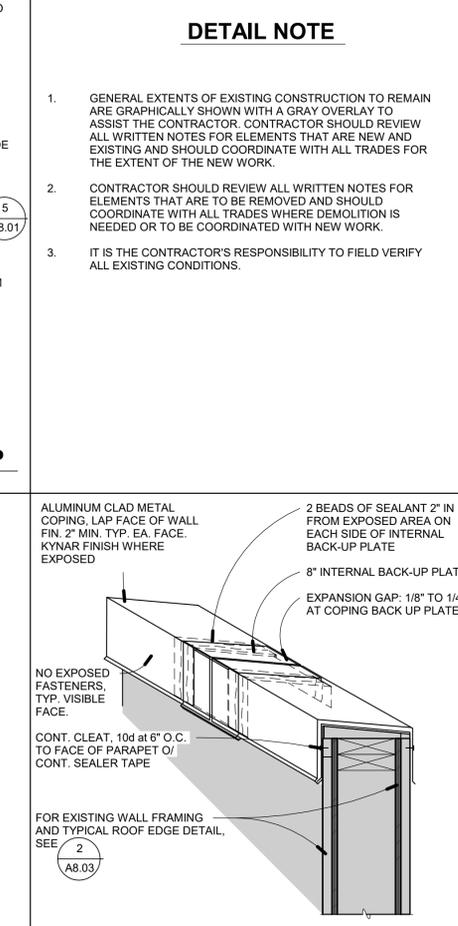
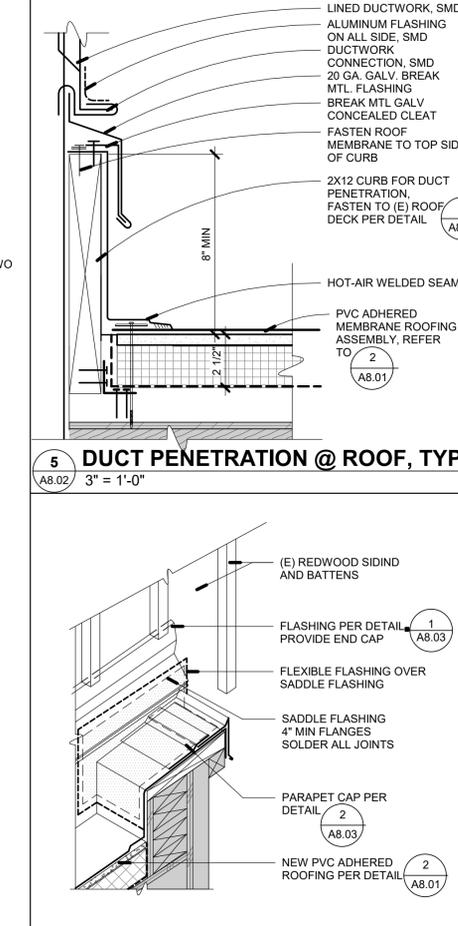
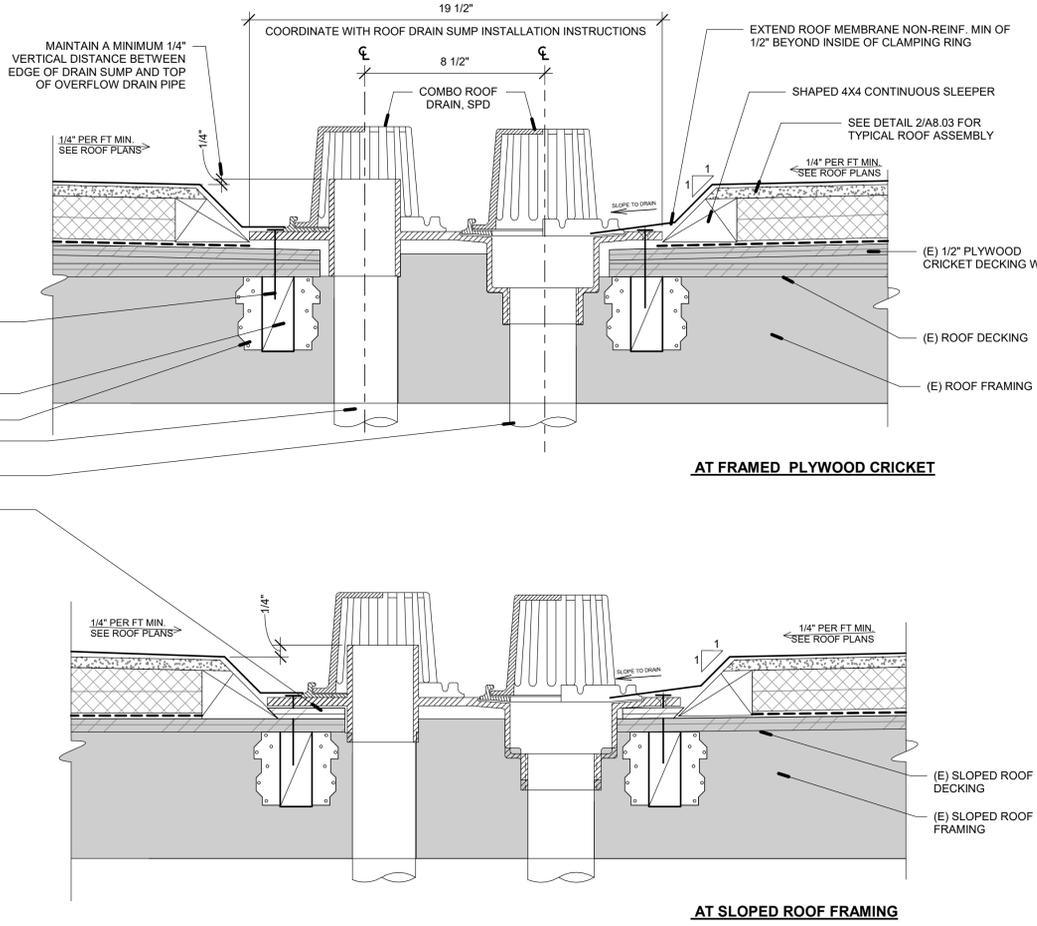
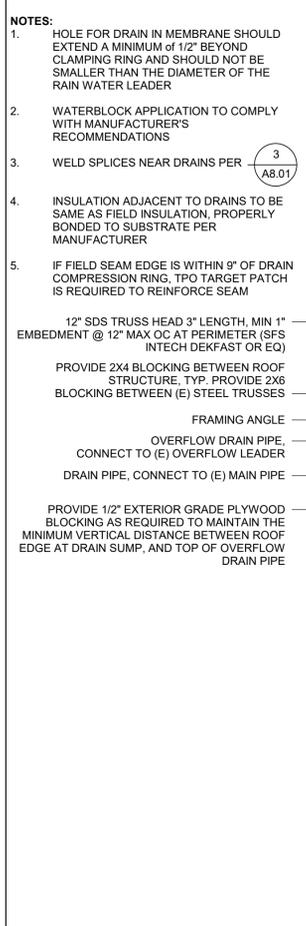
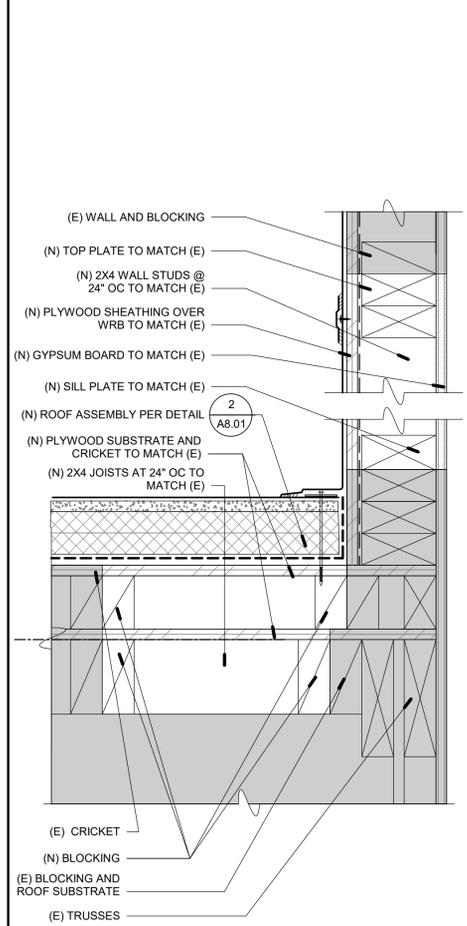
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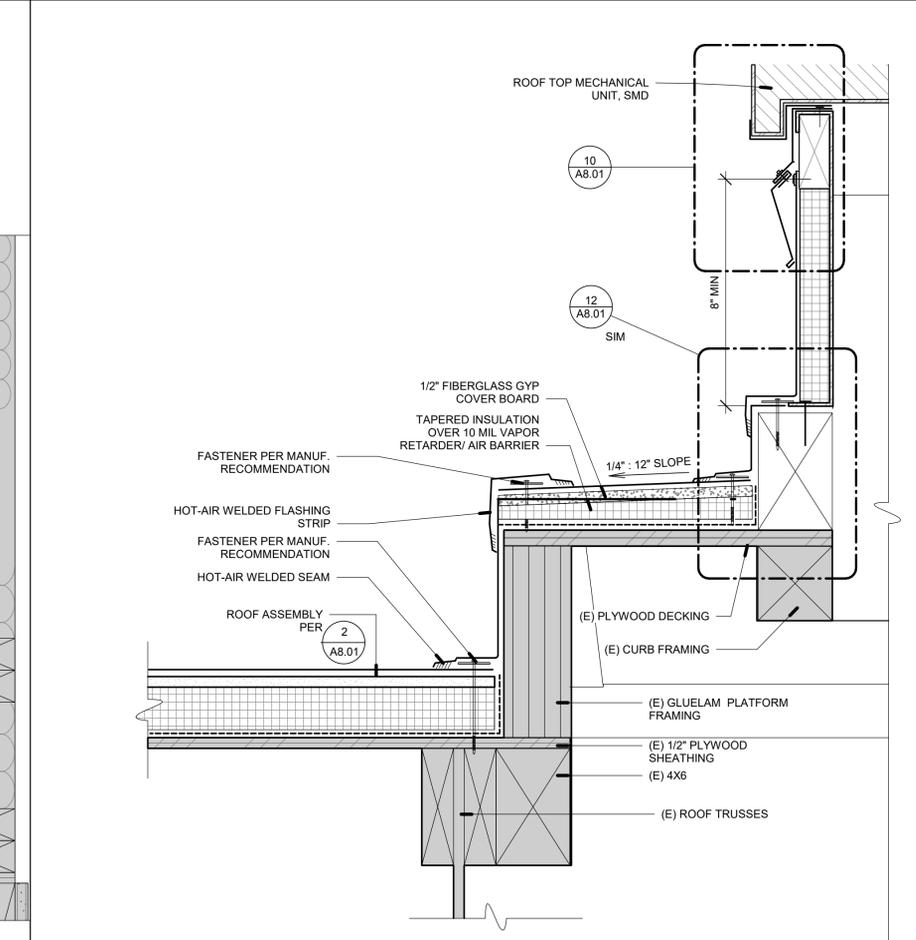
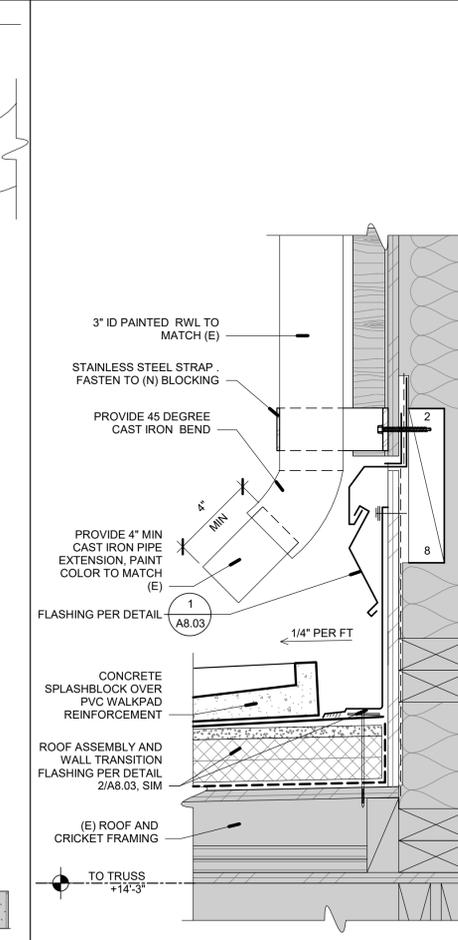
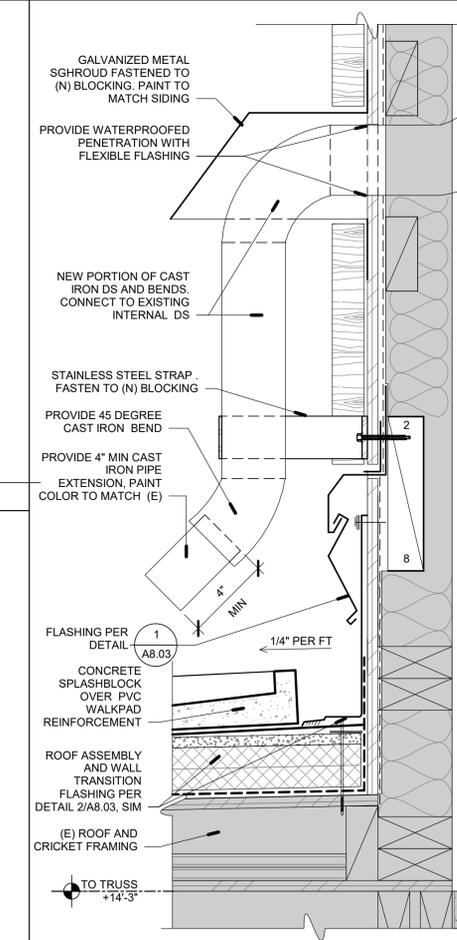
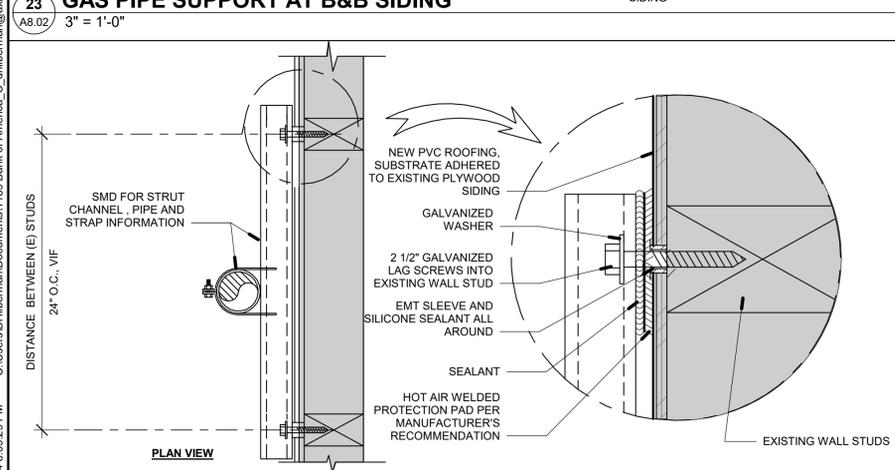
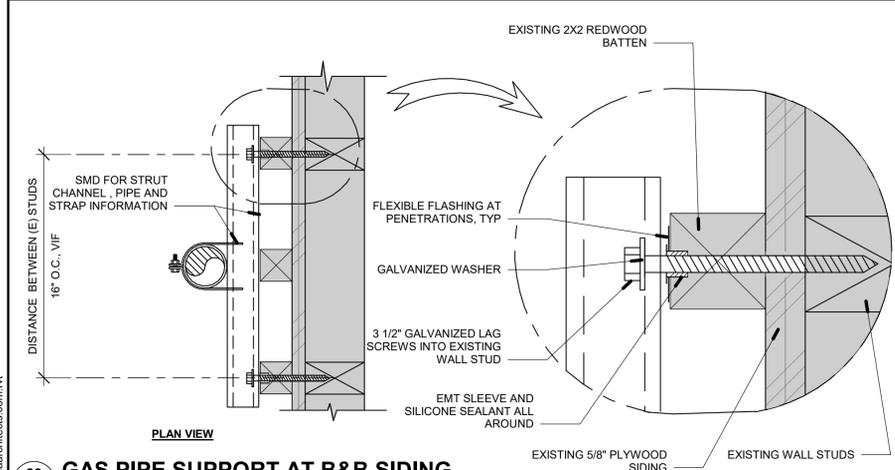
22 INFILL DETAIL AT MECHANICAL WELL
3" = 1'-0"

18 COMBINATION ROOF DRAIN
3" = 1'-0"

AT FRAMED PLYWOOD CRICKET
AT SLOPED ROOF FRAMING

5 DUCT PENETRATION @ ROOF, TYP
3" = 1'-0"

2 PARAPET COPING - LAPS
1 1/2" = 1'-0"



23 GAS PIPE SUPPORT AT B&B SIDING
3" = 1'-0"

16 INTERNAL DS AT SPLASHBLOCK
3" = 1'-0"

12 DOWNSPOUT AT SPLASHBLOCK
3" = 1'-0"

8 MECH. CURB AT ROOF PLATFORM
3" = 1'-0"

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501 Mendocino Ave. Santa Rosa, CA 95401
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CONSULTANT:

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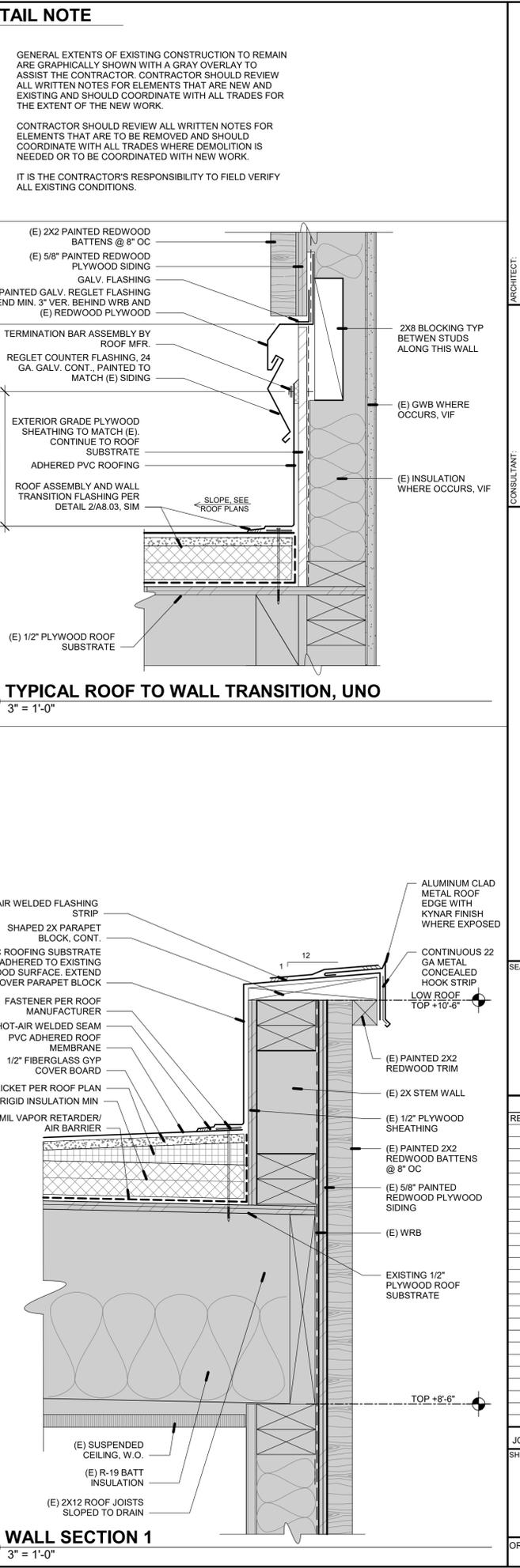
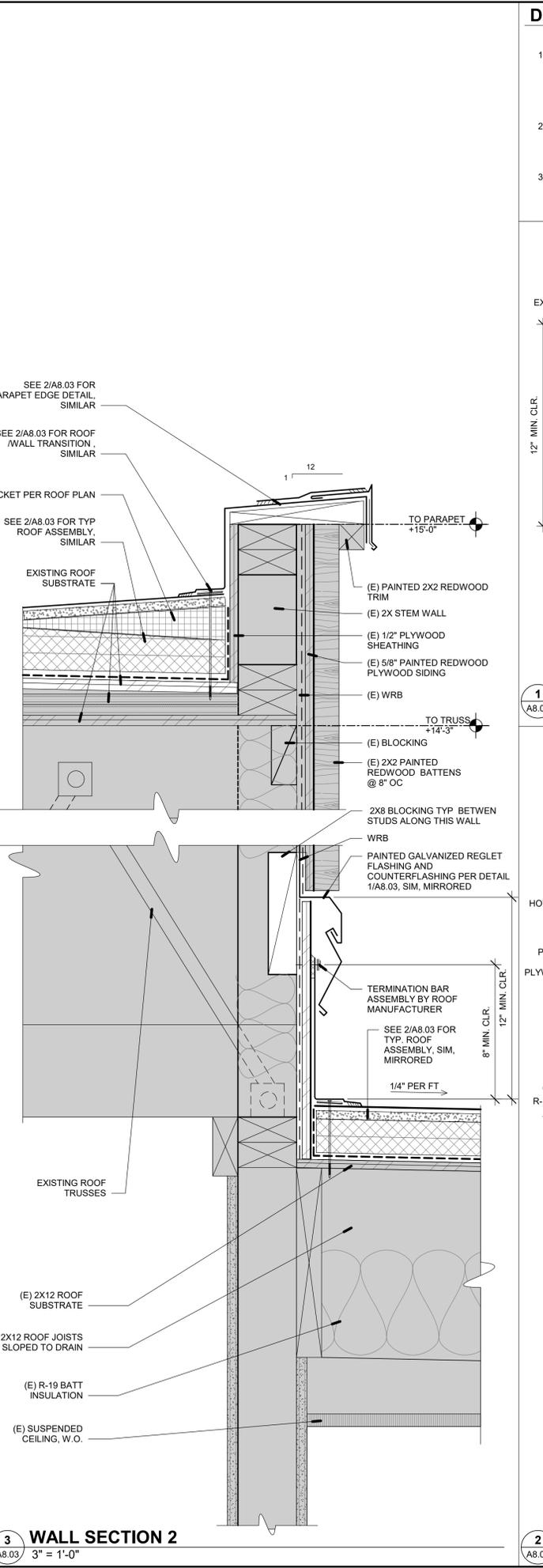
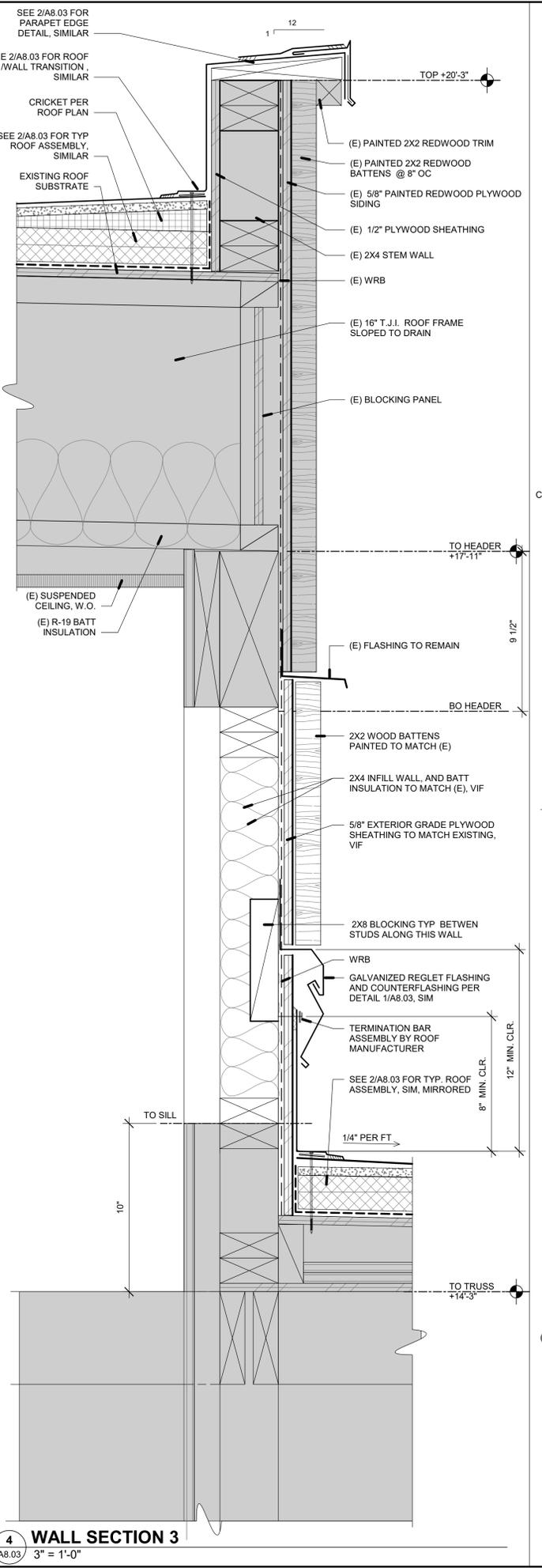
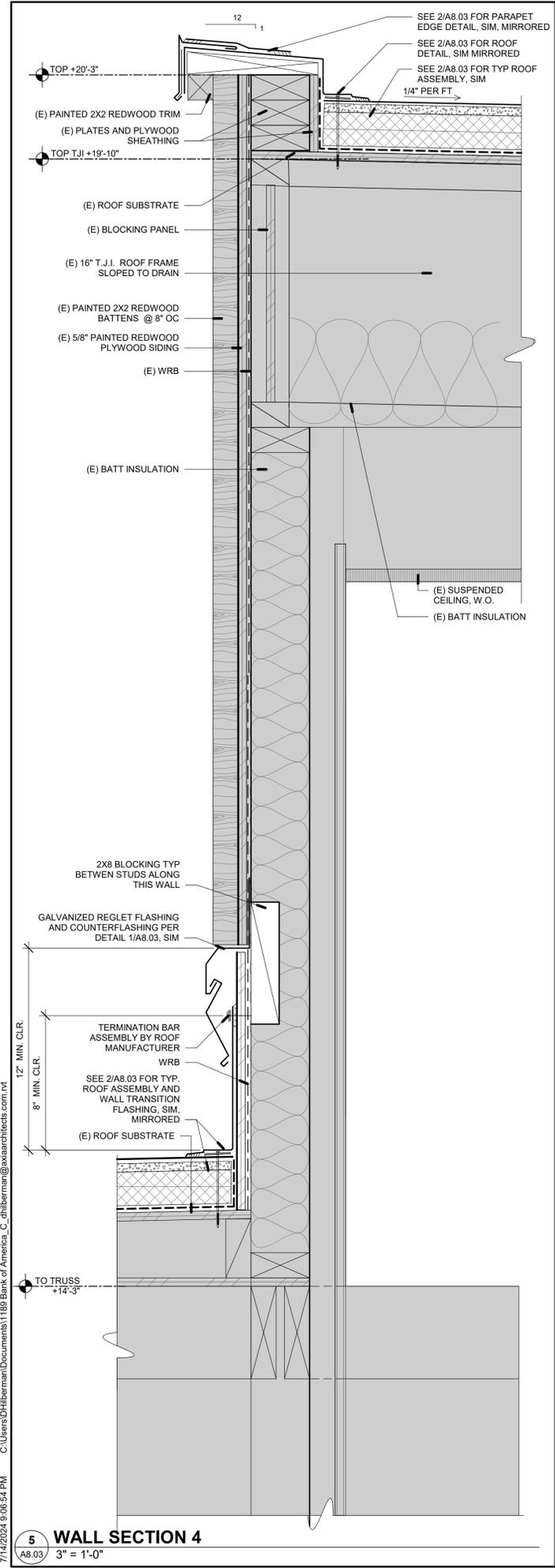
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Date Stamp: 7/24/2024 Permit #: BLD2-1513
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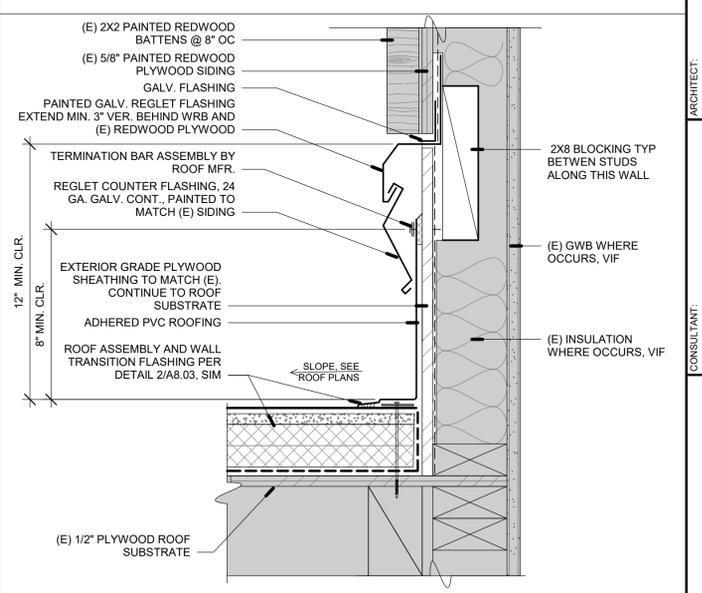
SHEET LOG		
REV #	DATE	ISSUED FOR

JOB NUMBER: 1189
SHEET: **A8.02**
DETAILS
ORIGINAL DATE: JULY 15TH, 2024
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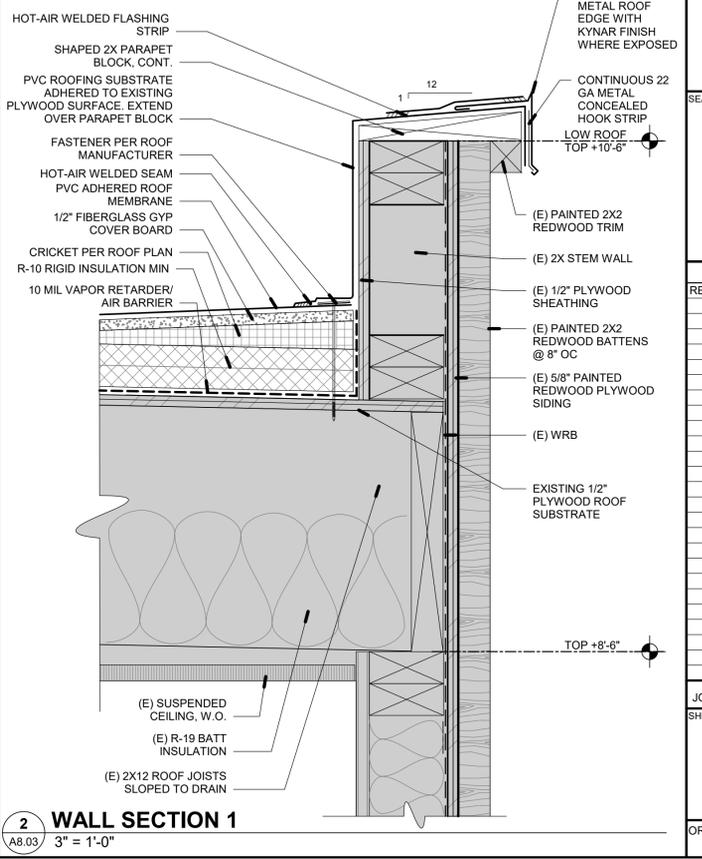


DETAIL NOTE

- GENERAL EXTENTS OF EXISTING CONSTRUCTION TO REMAIN ARE GRAPHICALLY SHOWN WITH A GRAY OVERLAY TO ASSIST THE CONTRACTOR. CONTRACTOR SHOULD REVIEW ALL WRITTEN NOTES FOR ELEMENTS THAT ARE NEW AND EXISTING AND SHOULD COORDINATE WITH ALL TRADES FOR THE EXTENT OF THE NEW WORK.
- CONTRACTOR SHOULD REVIEW ALL WRITTEN NOTES FOR ELEMENTS THAT ARE TO BE REMOVED AND SHOULD COORDINATE WITH ALL TRADES WHERE DEMOLITION IS NEEDED OR TO BE COORDINATED WITH NEW WORK.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS.



1 TYPICAL ROOF TO WALL TRANSITION, UNO
3" = 1'-0"



2 WALL SECTION 1
3" = 1'-0"

AXIA ARCHITECTS
501 Mendocino Ave. Santa Rosa, CA 95401
707.542.4622
axiaarchitects.com

COUNTY OF SONOMA RE-ROOFING AND HVAC/FIRE ALARM IMPROVEMENTS

16390 MAIN STREET, GUERNEVILLE, CA 95446

REVIEWED FOR CODE COMPLIANCE - PERMIT SONOMA

Date Stamp: 7/24/2024 Permit #: BLD22-1513
Prepared by: Ronald Morris

STATE OF CALIFORNIA
LICENSED ARCHITECT
No. C 29543
REN-10/31-25

SHEET LOG		
REV #	DATE	ISSUED FOR

JOB NUMBER: 1189

SHEET: **A8.03**

DETAILS

ORIGINAL DATE: JULY 15TH, 2024

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