



MICHAEL BEATON  
DIRECTOR

# County of Santa Cruz



## GENERAL SERVICES DEPARTMENT

GENERAL AND EMERGENCY SERVICES

701 OCEAN STREET, SUITE 330, SANTA CRUZ, CA 95060-4073

(831) 454-2210 FAX: (831) 454-2710 TDD/TTY: 711

### ADDENDUM # 2

**90 ROUNTREE BOILERS AND DOMESTIC HOT WATER REPLACEMENTS PHASE 1 & 2 AND PROJECT# 22TI-049**

Issued 04/05/2024

This addendum (2) is being issued in response to general inquiries and to provide clarification and corrections to the Construction Documents for the above project. These changes are hereby made a part of the Construction Documents to the same extent as though it were originally included therein.

#### Clarification/Correction:

Question:	Answer:
1. Due to the size of the AERCO Units the boilers will need to be moved through the double doors and the height will be tight. What is the height of the units?	The units are 78" high, the boiler room double door entrance is 84" high.
2. There is a discrepancy between Exhibit A (boiler replacement) and Exhibit B (WH replacement) plans with regards to the circuit numbers assigned to DWHP-1 and 2, HXWH-1 and 2, HXP-1. Please confirm correct circuit numbers for each piece of equipment.	SHEET E3.1- POWER PLAN has been updated to reflect the changes for both phases 1 & 2 are clouded with a delta 2. Revised Plans are attached to this addendum. Note that there are NO updates to the mechanical plans.

**Engineer's Estimate:**

The engineer's estimate remains the same at \$500,000.

**Bid Submittal:**

The bid submittal deadline remains unchanged, Thursday, April 11, 2024.

Bids are due at 2:30 PM, April 11, 2024.

**PLEASE NOTE: Acknowledgment of receipt of this addendum is required on the bid schedule, page 2 of your bid packet.**

Please call Kristine Conley, Project Manager with any questions regarding these specification changes at (831) 454-4864.

Addendum #2 authorization:

DocuSigned by:  
*Michael Beaton*  
4A18A38188C0457...  
\_\_\_\_\_  
Michael Beaton - Director

4/5/2024  
\_\_\_\_\_  
Date

# SANTA CRUZ COUNTY – ROUNTREE FACILITY

## BOILERS & DHW REPLACEMENT – PHASE 2

90 ROUNTREE LANE  
WATSONVILLE, CA. 95073

INDEX OF DRAWINGS	SCOPE	PROJECT INFORMATION	PROJECT DIRECTORY																								
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">SHEET NO.</th> <th style="width: 90%;">SHEET TITLE</th> </tr> </thead> <tbody> <tr><td>T-1</td><td>TITLE SHEET</td></tr> <tr><td>M-1</td><td>MECHANICAL SCHEDULES, SPECIFICATIONS AND NOTES - MECHANICAL</td></tr> <tr><td>M-10</td><td>MECHANICAL FLOOR PLAN - MECH. SERVICES</td></tr> <tr><td>M-11</td><td>MECHANICAL FLOOR PLAN - EXHAUSTION</td></tr> <tr><td>M-12</td><td>MECHANICAL FLOOR PLAN - MECH.</td></tr> <tr><td>M-13</td><td>MECHANICAL FLOOR PLAN - EXHAUSTION</td></tr> <tr><td>E-1</td><td>ELECTRICAL SYMBOLS, ABBREVIATIONS, CODES, STANDARDS &amp; NOTES</td></tr> <tr><td>E-2</td><td>ELECTRICAL SINGLE LINE DIAGRAM &amp; PANEL SCHEDULES</td></tr> <tr><td>E-3</td><td>ONE LINE DIAGRAM</td></tr> <tr><td>E-4</td><td>ELECTRICAL SINGLE LINE DIAGRAM &amp; PANEL SCHEDULES</td></tr> <tr><td>E-5</td><td>ELECTRICAL SCHEDULES</td></tr> </tbody> </table>	SHEET NO.	SHEET TITLE	T-1	TITLE SHEET	M-1	MECHANICAL SCHEDULES, SPECIFICATIONS AND NOTES - MECHANICAL	M-10	MECHANICAL FLOOR PLAN - MECH. SERVICES	M-11	MECHANICAL FLOOR PLAN - EXHAUSTION	M-12	MECHANICAL FLOOR PLAN - MECH.	M-13	MECHANICAL FLOOR PLAN - EXHAUSTION	E-1	ELECTRICAL SYMBOLS, ABBREVIATIONS, CODES, STANDARDS & NOTES	E-2	ELECTRICAL SINGLE LINE DIAGRAM & PANEL SCHEDULES	E-3	ONE LINE DIAGRAM	E-4	ELECTRICAL SINGLE LINE DIAGRAM & PANEL SCHEDULES	E-5	ELECTRICAL SCHEDULES	<p>THIS PROJECT IS THE LIMITED TO THE SCOPE AND APPROXIMATE COST OF THE BOILERS AND DHW REPLACEMENT WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AGENCIES AND THE STATE OF CALIFORNIA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AGENCIES AND THE STATE OF CALIFORNIA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AGENCIES AND THE STATE OF CALIFORNIA.</p> <p>CONTRACTOR SHALL PROVIDE A COMPLETE AND OPERATIONAL BOILER &amp; PUMP SYSTEM THAT ALL REQUIRED LOCAL AGENCIES AND THE STATE OF CALIFORNIA ARE SATISFIED WITH.</p>	<p><b>PROJECT:</b> BOILERS REPLACEMENT ROUNTREE FACILITY</p> <p><b>LOCATION:</b> ROUNTREE LANE WATSONVILLE, CA. 95073</p> <p><b>LIST OF GOVERNING CODES:</b></p> <ul style="list-style-type: none"> <li>1. 2022 CALIFORNIA MECHANICAL CODE, PART 1, TITLE 24, C.C.A.</li> <li>2. 2022 CALIFORNIA ELECTRICAL CODE, PART 1, TITLE 24, C.C.A.</li> <li>3. 2022 CALIFORNIA FIRE AND LIFE SAFETY CODE, PART 1, TITLE 24, C.C.A.</li> <li>4. 2022 CALIFORNIA PLUMBING CODE, PART 1, TITLE 24, C.C.A.</li> <li>5. 2022 CALIFORNIA MECHANICAL CODE, PART 1, TITLE 24, C.C.A.</li> <li>6. 2022 CALIFORNIA ELECTRICAL CODE, PART 1, TITLE 24, C.C.A.</li> <li>7. 2022 CALIFORNIA FIRE AND LIFE SAFETY CODE, PART 1, TITLE 24, C.C.A.</li> <li>8. 2022 CALIFORNIA PLUMBING CODE, PART 1, TITLE 24, C.C.A.</li> <li>9. 2022 CALIFORNIA MECHANICAL CODE, PART 1, TITLE 24, C.C.A.</li> <li>10. 2022 CALIFORNIA ELECTRICAL CODE, PART 1, TITLE 24, C.C.A.</li> <li>11. 2022 CALIFORNIA FIRE AND LIFE SAFETY CODE, PART 1, TITLE 24, C.C.A.</li> <li>12. 2022 CALIFORNIA PLUMBING CODE, PART 1, TITLE 24, C.C.A.</li> <li>13. 2022 CALIFORNIA MECHANICAL CODE, PART 1, TITLE 24, C.C.A.</li> <li>14. 2022 CALIFORNIA ELECTRICAL CODE, PART 1, TITLE 24, C.C.A.</li> <li>15. 2022 CALIFORNIA FIRE AND LIFE SAFETY CODE, PART 1, TITLE 24, C.C.A.</li> <li>16. 2022 CALIFORNIA PLUMBING CODE, PART 1, TITLE 24, C.C.A.</li> <li>17. 2022 CALIFORNIA MECHANICAL CODE, PART 1, TITLE 24, C.C.A.</li> <li>18. 2022 CALIFORNIA ELECTRICAL CODE, PART 1, TITLE 24, C.C.A.</li> <li>19. 2022 CALIFORNIA FIRE AND LIFE SAFETY CODE, PART 1, TITLE 24, C.C.A.</li> <li>20. 2022 CALIFORNIA PLUMBING CODE, PART 1, TITLE 24, C.C.A.</li> </ul>	<p><b>MECHANICAL ENGINEER</b></p> <p>ALBERTA CERKA, INC. 1001 WEST 10TH STREET WATSONVILLE, CA 95073 PHONE (831) 844-4338 FAX (831) 844-4332 EMAIL: info@albertacerka.com</p> <p><b>ELECTRICAL ENGINEER</b></p> <p>ALBERTA CERKA, INC. ENGINEERS 1001 WEST 10TH STREET WATSONVILLE, CA 95073 PHONE (831) 844-4338 CONTACT: BOB CERKA</p>
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E-5	ELECTRICAL SCHEDULES																										
	<p><b>REQUISITE OWNER COORDINATION</b></p> <ol style="list-style-type: none"> <li>1. COORDINATE ALL SYSTEMS (HEATING, COOLING, POWER, ETC.) IN ACCORDANCE WITH COUNTY ORDINANCES AND REGULATIONS. PROVIDE AND OBTAIN NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AGENCIES AND THE STATE OF CALIFORNIA.</li> <li>2. COORDINATE WITH SANTA CRUZ COUNTY WITH ALL FACILITY-SPECIFIC ACCESS REQUIREMENTS BEFORE WORK BEGINS.</li> </ol>	<p><b>VICINITY MAP</b></p>																									

SANTA CRUZ COUNTY  
OFFICE OF THE COUNTY ENGINEER  
1001 WEST 10TH STREET  
WATSONVILLE, CA 95073  
PHONE (831) 844-4338  
FAX (831) 844-4332  
EMAIL: info@albertacerka.com

**COLE**  
CONSTRUCTION

**AXIOM**  
CONSTRUCTION

**90 ROUNTREE FACILITY  
BOILERS & DHW REPLACEMENT - PHASE 2**

SANTA CRUZ COUNTY  
WATSONVILLE, CA 95073

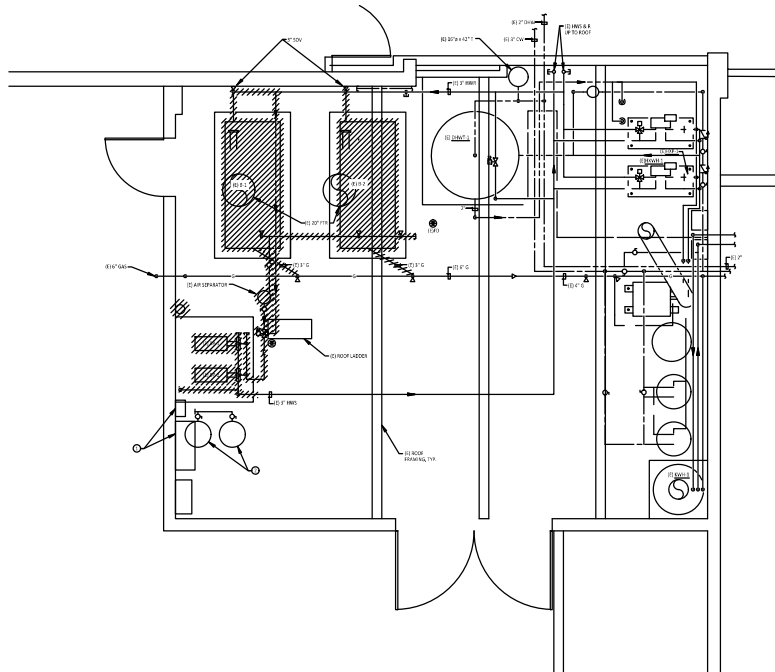
TITLE SHEET

**TO.1**









**1**  
**M2.1**

**BOILER ROOM PLAN - MECHANICAL DEMOLITION**

SCALE: 1/4" = 1'-0"

NORTH

**GENERAL NOTES**

1. VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO STARTING WORK. PROVIDE WRITTEN NOTICE TO THE OWNER AND ARCHITECT IMMEDIATELY UPON DISCOVERY OF ANY DISCREPANCIES OR OMISSIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE, AND FEDERAL AUTHORITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE, AND FEDERAL AUTHORITIES.
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**SHEET NOTES**

- ( ) DEMOLISH CONTROL PANEL TO REMAIN
- ( ) DEMOLISH TANKS TO REMAIN

NO.	DATE	DESCRIPTION

**RA NEZARI**  
 MECHANICAL ENGINEER  
 STATE OF CALIFORNIA  
 LICENSE NO. 44567

**SOLE SOURCE ENGINEERING**  
 14000 BAYVIEW AVENUE, SUITE 100  
 SAN DIEGO, CALIFORNIA 92122  
 (619) 594-1111  
 WWW.SOLESOURCEENGINEERING.COM

**90 ROUNDTREE FACILITY - PHASE 2**  
**BOILERS & DHW REPLACEMENT - PHASE 2**

SAN DIEGO COUNTY  
 WALTONVILLE, CA 92078

**M2.1**  
 MECHANICAL PLAN - DEMOLITION

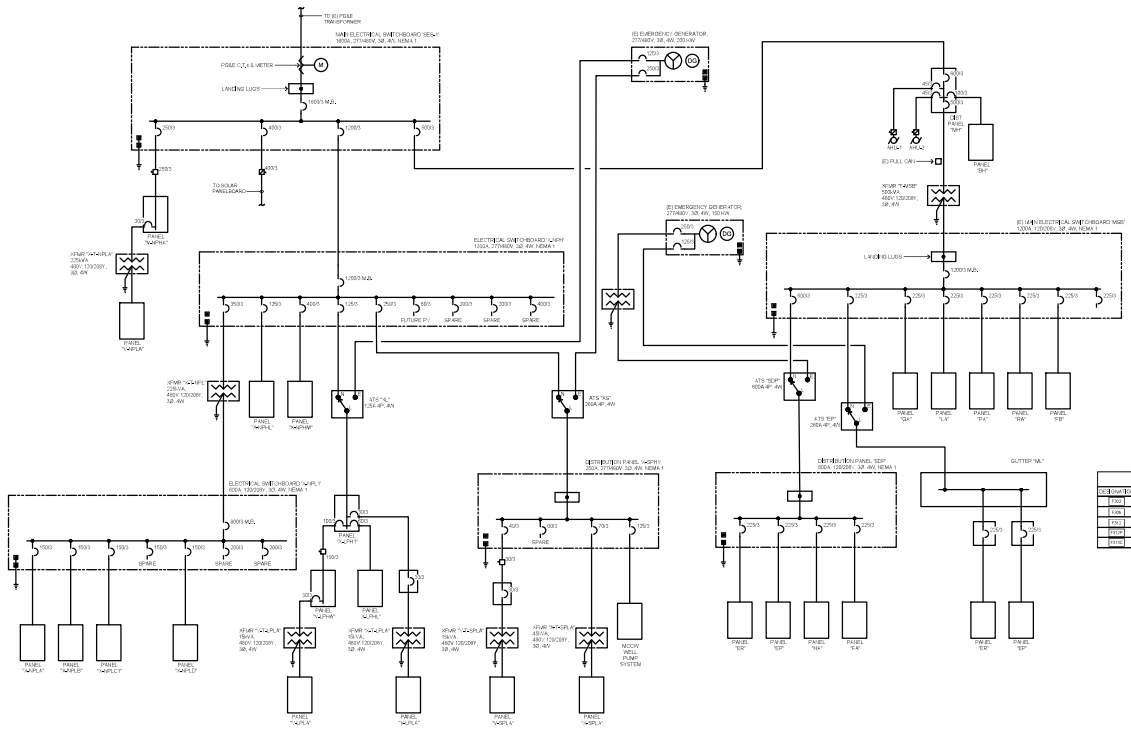






### PANELBOARD SCHEDULE

Panel No.	Panel Name	Location	Panel Type	Panel Rating	Panel Voltage	Panel Breaker	Panel Description
01	Panel 01	Living Area	1000A	120/240V	1000A	1000A	Living Area Panelboard
02	Panel 02	Garage	1000A	120/240V	1000A	1000A	Garage Panelboard
03	Panel 03	Bedroom	1000A	120/240V	1000A	1000A	Bedroom Panelboard
04	Panel 04	Bathroom	1000A	120/240V	1000A	1000A	Bathroom Panelboard
05	Panel 05	Kitchen	1000A	120/240V	1000A	1000A	Kitchen Panelboard
06	Panel 06	Laundry	1000A	120/240V	1000A	1000A	Laundry Panelboard
07	Panel 07	Attic	1000A	120/240V	1000A	1000A	Attic Panelboard
08	Panel 08	Basement	1000A	120/240V	1000A	1000A	Basement Panelboard
09	Panel 09	Garage	1000A	120/240V	1000A	1000A	Garage Panelboard
10	Panel 10	Bedroom	1000A	120/240V	1000A	1000A	Bedroom Panelboard
11	Panel 11	Bathroom	1000A	120/240V	1000A	1000A	Bathroom Panelboard
12	Panel 12	Kitchen	1000A	120/240V	1000A	1000A	Kitchen Panelboard
13	Panel 13	Laundry	1000A	120/240V	1000A	1000A	Laundry Panelboard
14	Panel 14	Attic	1000A	120/240V	1000A	1000A	Attic Panelboard
15	Panel 15	Basement	1000A	120/240V	1000A	1000A	Basement Panelboard



1 SINGLE LINE DIAGRAM - FOR REFERENCE ONLY  
NO SCALE

**AXIOM ENGINEERS CONSULTING**

90 ROUNTREE FACILITY  
BOILERS & DHW REPLACEMENT - PHASE 2

WATSONVILLE, CA 95094

**ELECTRICAL SINGLE LINE DIAGRAM & PANELBOARD SCHEDULES**

Project No. 14164

DATE: 08/20/2014

BY: [Signature]

APP: [Signature]

SCALE: AS SHOWN

1 OF 1



**SHEET NOTES**

1. 120V WATER HEATER CONTROL LINE.
2. 200 AMP 3P/4W.
3. 200 AMP 3P/4W WATER PUMP.
4. 400 AMP 3P/4W WATER PUMP PANEL.
5. 400 AMP 3P/4W 3P/4W.
6. 400 AMP 3P/4W 3P/4W.
7. CONTRACTOR SHALL OBTAIN PERMITS FOR NEW INSTALLATION.
8. CONTRACTOR SHALL MAKE BRANCHES FOR NEW ELEC. CONTROL.
9. CONTRACTOR SHALL RECONNECT TO EXISTING BRANCH.
10. CONTRACTOR SHALL RELOCATE ALL PUMPS. SEE DETAIL.
11. CONTRACTOR SHALL DEMOLISH EXISTING GENERAL DEMONSTRATION.
12. 120V 120V WATER PUMP.

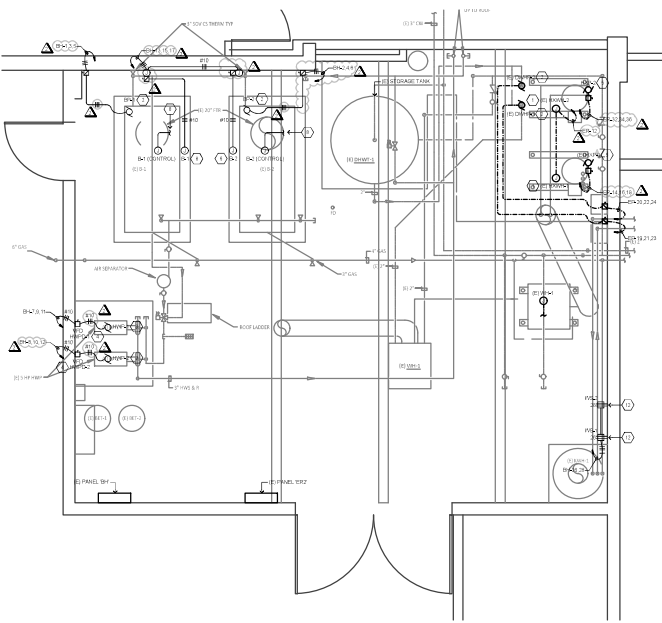
**BRANCH CIRCUIT CONDUCTOR SIZING TABLE**

AMPACITY	TYPE OF WIRING	TYPE OF WIRING	TYPE OF WIRING
20	14 AWG	14 AWG	14 AWG
30	14 AWG	14 AWG	14 AWG
40	14 AWG	14 AWG	14 AWG
50	14 AWG	14 AWG	14 AWG
60	14 AWG	14 AWG	14 AWG
70	14 AWG	14 AWG	14 AWG
80	14 AWG	14 AWG	14 AWG
90	14 AWG	14 AWG	14 AWG
100	14 AWG	14 AWG	14 AWG
110	14 AWG	14 AWG	14 AWG
125	14 AWG	14 AWG	14 AWG
150	14 AWG	14 AWG	14 AWG
175	14 AWG	14 AWG	14 AWG
200	14 AWG	14 AWG	14 AWG
225	14 AWG	14 AWG	14 AWG
250	14 AWG	14 AWG	14 AWG
300	14 AWG	14 AWG	14 AWG
350	14 AWG	14 AWG	14 AWG
400	14 AWG	14 AWG	14 AWG
450	14 AWG	14 AWG	14 AWG
500	14 AWG	14 AWG	14 AWG
550	14 AWG	14 AWG	14 AWG
600	14 AWG	14 AWG	14 AWG
650	14 AWG	14 AWG	14 AWG
700	14 AWG	14 AWG	14 AWG
750	14 AWG	14 AWG	14 AWG
800	14 AWG	14 AWG	14 AWG
850	14 AWG	14 AWG	14 AWG
900	14 AWG	14 AWG	14 AWG
950	14 AWG	14 AWG	14 AWG
1000	14 AWG	14 AWG	14 AWG

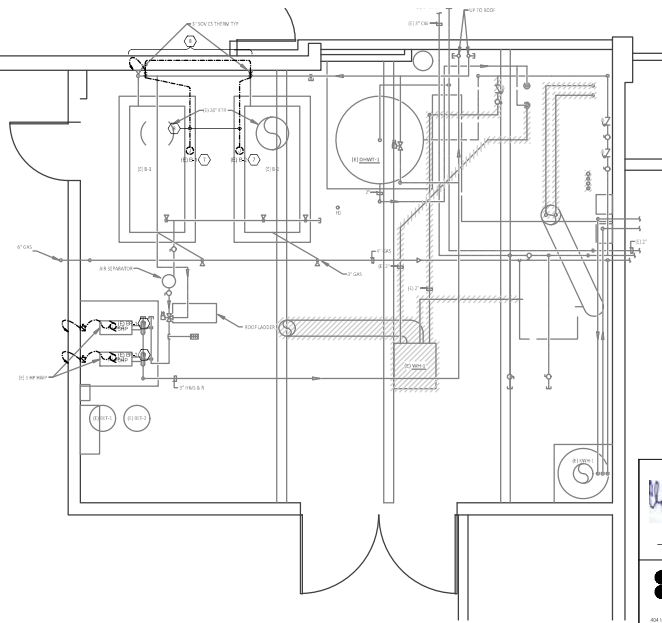
CONTRACTOR SHALL USE BRANCH CIRCUIT CONDUCTORS PER THE TABLE ABOVE AND SHALL USE THE BRANCH CIRCUIT CONDUCTOR SIZING TABLE FOR THE CORRECT TYPE OF WIRING. CONTRACTOR SHALL USE THE CORRECT TYPE OF WIRING FOR THE CORRECT TYPE OF WIRING.

**GENERAL DEMOLITION NOTES**

1. CONTRACTOR SHALL REMOVE ALL EXISTING ELECTRICAL AND MECHANICAL EQUIPMENT AND MATERIALS FROM THE PROJECT SITE.
2. REMOVE ALL EXISTING ELECTRICAL AND MECHANICAL EQUIPMENT AND MATERIALS FROM THE PROJECT SITE.
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**2 POWER PLAN**  
SCALE: 1/2"=1'-0"



**1 ELECTRICAL DEMOLITION PLAN**  
SCALE: 1/2"=1'-0"

90 ROUNTREE FACILITY
BOILERS & DHW REPLACEMENT - PHASE 2

DAVA DELICOUNTY
WALTONVILLE, LA 70587



**AXIOM ENGINEERS**  
CONSULTING ENGINEERS



**AXIOM CONSULTING ENGINEERS**  
MONROE, LA 70501

Project No. 14104

1000 Pines Road, Suite 100, Monroeville, LA 70501

Phone: (504) 833-1111

Fax: (504) 833-1112

www.axiomla.com

DATE: 01/15/2014

TIME: 10:00 AM

BY: [Signature]

CHECKED: [Signature]

APPROVED: [Signature]

**E3.1**









WWW.AIAAENGINEERS.COM

**GENERAL NOTES**

- 1. REMOVE ALL REMOVED MATERIALS & LOAD INTO ON-ROOF OR OFF-ROOF HOPE
- 2. PROVIDE ALL ROOF PENETRATIONS IN ACCORDANCE WITH ROOF MANUFACTURER'S REQUIREMENTS. CONSULT MANUFACTURER'S LITERATURE WITH SUPPLIER'S LITERATURE PRIOR TO ORDERING.

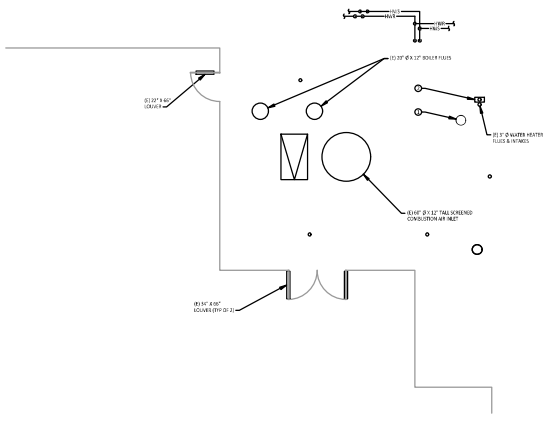
**SHEET NOTES**

- 1. ROOF DRAINAGE SHALL BE TO THE MAIN LEVEL BY DOWNING GUTTER TO IMPROVED DRAINAGE. PROVIDE 1/2" MIN. SLOPE IN ALL DRAINAGE DIRECTION WITH WATER HEATED LIPS. REQUIREMENTS TO BE PROVIDED BY MANUFACTURER.
- 2. CAP ALL STAIRS & MAKE WATER TIGHT BETWEEN ALL FLOOR & SUPPORTS BELOW ROOF.

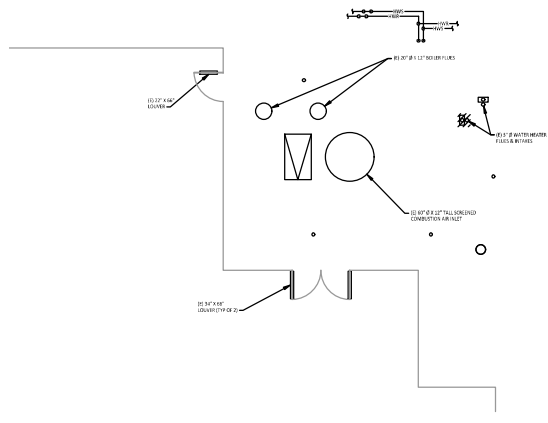
NO. 000000	DATE
1. 000000	06/06/2023
2. 000000	06/06/2023
3. 000000	06/06/2023
4. 000000	06/06/2023
5. 000000	06/06/2023
6. 000000	06/06/2023
7. 000000	06/06/2023
8. 000000	06/06/2023
9. 000000	06/06/2023
10. 000000	06/06/2023


  
**COLLI**
  

  
 AXCOM CONSULTING GROUP, INC.
   
 10000 WILSON AVENUE, SUITE 100
   
 WASHINGTON, CA 94098



2 PARTIAL ROOF PLAN MECHANICAL & PLUMBING - NEW  
 SCALE: 1/4" = 1'-0"  
 NORTH



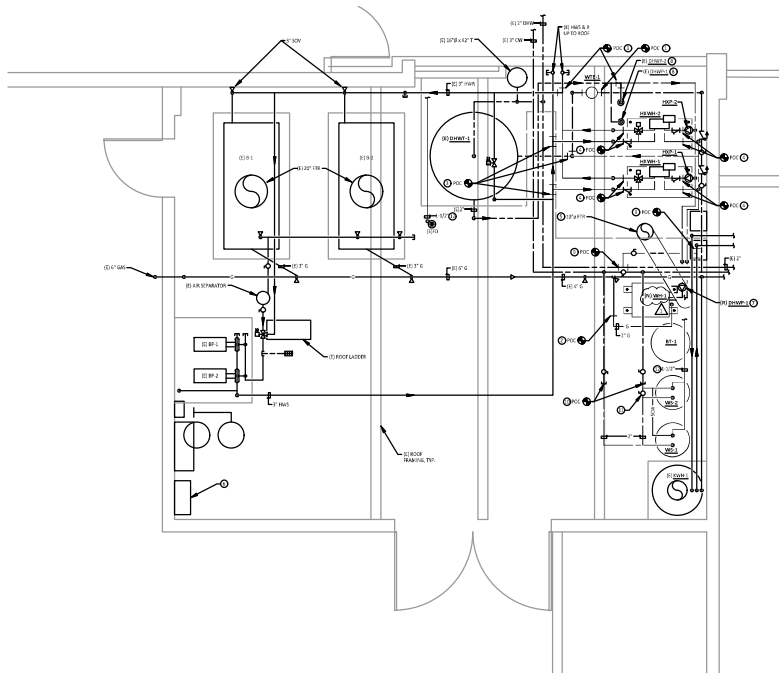
1 PARTIAL ROOF PLAN MECHANICAL & PLUMBING - DEMOLITION  
 SCALE: 1/4" = 1'-0"  
 NORTH

90 ROUNTREE FACILITY  
 BOILERS & DHW REPLACEMENT - PHASE 1  
 SANTA CLARE COUNTY  
 WASHINGTONVILLE, CA 94593

ROOF PLAN MECHANICAL & PLUMBING  
 SHEET NO. MP1.0  
 DATE: 06/06/23  
 DRAWN BY: [Name]  
 CHECKED BY: [Name]



DATE: 08/14/2020 10:56:22 AM



1 BOILER ROOM PLAN MECHANICAL & PLUMBING PLAN - NEW  
 SCALE: 1/2" = 1'-0"  
 NORTH

**GENERAL NOTES:**

1. REFER TO SHEETS 1.8 & 1.9 FOR NEW & EXISTING WATER PIPING DETAILS.
2. PROVIDE FRAMING SUPPORTS FOR ALL HANGING (SEE NOTE 1).

**SHEET NOTES:**

1. EXISTING UTILITIES SHALL BE AT THE WATER TREATMENT CONNECTION.
2. EXISTING PIPING TO BE REMOVED AND NEW GAS PIPING AS INDICATED FOR EXISTING EQUIPMENT CONNECTION.
3. PROVIDE NEW GAS & WATER PIPING AS INDICATED FOR CONNECTION OF WATER GAUGES (SEE SHEETS 1.8 & 1.9 FOR PIPING).
4. PROVIDE NEW CONDENSATE GAS & WATER CONNECTION AS INDICATED FOR CONNECTION OF GAS/HEATING, HOT WATER & CONDENSATE PIPING.
5. REMOVE EXISTING GAS & WATER PIPING AS INDICATED FOR INSTALLATION OF NEW GAS.
6. RE-INSTALL EXISTING CONDENSATE PIPING FOR NEW POINTS & EXCESS.
7. REMOVE EXISTING GAS & WATER PIPING AS INDICATED FOR NEW POINTS & EXCESS. REMOVE EXISTING CONDENSATE PIPING FOR NEW POINTS & EXCESS. REMOVE EXISTING CONDENSATE PIPING FOR NEW POINTS & EXCESS.
8. EXISTING GAS & WATER PIPING TO BE REMOVED FOR TUBING FOR TUBING FOR SAME AS INDICATED. REMOVE ALL EXISTING PIPING BACK TO MAIN.
9. CHANGE TO EXISTING CONDENSATE WATER PIPING AS INDICATED TO MATCH EXISTING CONDENSATE (SEE 1.8 & 1.9 FOR PIPING & VALVE SET DETAILS).
10. EXISTING WATER SUPPLY TO BE REMOVED FOR NEW POINTS & EXCESS. REMOVE EXISTING WATER SUPPLY TO BE REMOVED FOR NEW POINTS & EXCESS. REMOVE EXISTING WATER SUPPLY TO BE REMOVED FOR NEW POINTS & EXCESS.
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90 ROUNDTREE FACILITY  
 BOILERS & DHW REPLACEMENT - PHASE 1  
 SHEET NO. MP2.2  
 WISCONSIN COUNTY  
 WISCONSIN, WI 53090

NO. M3543  
 10' x 10' x 10'

COLI  
 10' x 10' x 10'

1000M  
 10' x 10' x 10'

90 ROUNDTREE FACILITY  
 BOILERS & DHW REPLACEMENT - PHASE 1  
 SHEET NO. MP2.2  
 WISCONSIN COUNTY  
 WISCONSIN, WI 53090

MECHANICAL & PLUMBING PLAN - NEW

MP2.2











**SHEET NOTES**

1. CONTRACTOR SHALL CONNECT WITH NEW CONNECTION TO PREPARE RELIEF IN TOP OF GAS.
2. DISCONNECT AND SALVAGE BRANCH CIRCUIT FOR PHASE 2.
3. CONNECT TO EXISTING BREAKER PANEL.
4. 100 AMP 200 V GAS FURNACE.
5. 1/2 HP 200 V GAS FURNACE PUMP.
6. 1/2 HP 200 V GAS FURNACE PUMP.
7. 100 AMP 200 V GAS FURNACE WATER HEATER.
8. 100 AMP 200 V GAS FURNACE WATER HEATER.
9. 100 AMP 200 V GAS FURNACE WATER HEATER.
10. 100 AMP 200 V GAS FURNACE WATER HEATER.
11. 100 AMP 200 V GAS FURNACE WATER HEATER.

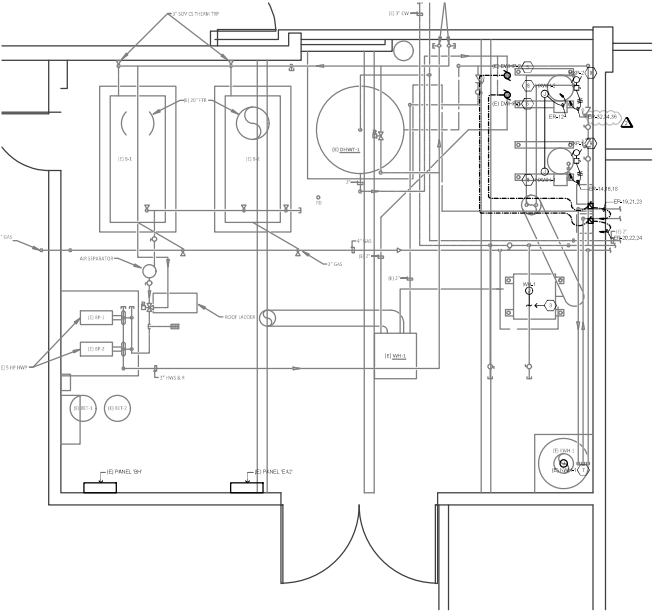
**BRANCH CIRCUIT CONDUCTOR SIZING TABLE**

TYPE	AMP	TYPE	AMP
120V	15	120V	15
120V	20	120V	20
120V	25	120V	25
120V	30	120V	30
120V	35	120V	35
120V	40	120V	40
120V	45	120V	45
120V	50	120V	50
120V	55	120V	55
120V	60	120V	60
120V	65	120V	65
120V	70	120V	70
120V	75	120V	75
120V	80	120V	80
120V	85	120V	85
120V	90	120V	90
120V	95	120V	95
120V	100	120V	100

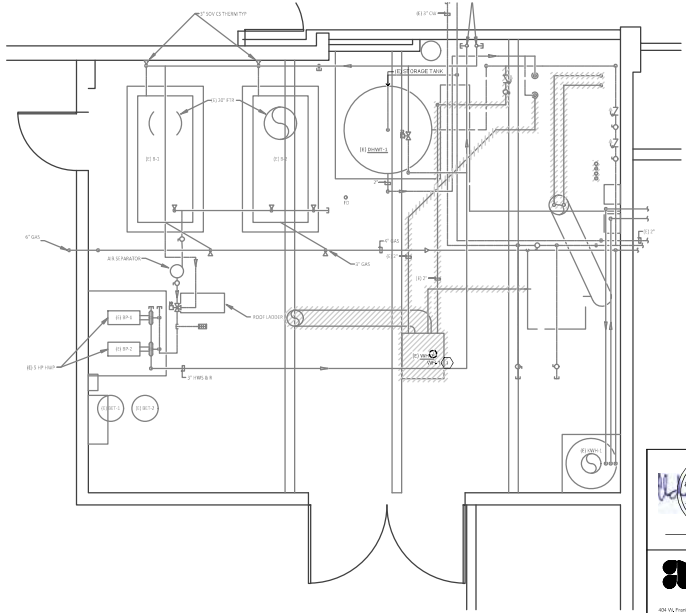
CONTRACTOR SHALL USE BRANCH CIRCUIT CONDUCTORS PER THE TABLE ABOVE. CONTRACTOR SHALL USE THE TABLE ABOVE TO DETERMINE THE SIZE OF THE BRANCH CIRCUIT CONDUCTORS TO BE USED FOR THE PROJECT.

**GENERAL DEMOLITION NOTES**

1. CONTRACTOR SHALL REMOVE ALL EXISTING ELECTRICAL AND COMMUNICATIONS MATERIALS AND QUANTITIES OF MATERIALS TO BE DEMOLISHED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
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**2 POWER PLAN**  
SCALE: 1/2"=1'-0"



**1 ELECTRICAL DEMOLITION PLAN**  
SCALE: 1/2"=1'-0"

90 ROUNTREE FACILITY
BOILERS & DHW REPLACEMENT - PHASE 1

DATE: 01/15/2024
PROJECT NO: 24010001

CLIENT: UNIVERSITY OF CALIFORNIA, MERCED
DESIGNER: AXIOM ENGINEERS CONSULTANTS

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