EXHIBIT A

HONUAKAHA HOT WATER RETURN MODIFICATIONS

HAWAII COMMUNITY DEVELOPMENT AUTHORITY
545 QUEEN STREET, HONOLULU, HAWAII, 96813
TMK: 2-1-031:021

PROJECT DATA

PROJECT INFORMATION:

PROPERTY ADDRESS:	545 QUEEN ST. HONOLULU HI 96813
TMK:	2-1-031:021
LOT AREA:	64,705 SF

LAND USE INFORMATION:

ZONING:	State Jurisdiction: Kakaako Comm. Dev. Dist. (HCDA)
FLOOD ZONE:	X-BEYOND 500 YEAR FLOOD
SMA:	Not in SMA
SPECIAL DISTRICT:	None
STATE LAND USE:	URBAN DISTRICT
TYPE OF CONSTRUCTION: CONSTRUCTION TYPE:	IIA (1)
OCCUPANCY GROUP:	R-2, APARTMENT
APPLICABLE CODES:	2018 IBC WITH LOCAL AMENDMENTS 2021 UPC 2021 NFPA 1 WITH LOCAL AMENDMENTS 2020 NEC WITH AMENDMENTS 2018 IECC WITH AMENDMENTS
NUMBER OF STORIES:	7
FLOOR AREA:	177,053 S.F
PARKING LOT COVERAGE:	N/A
PARKING AND LOADING:	EXISTING, NO CHANGES
FIRE SUPPRESSION:	EXISTING NFPA 13, NO CHANGES (1)

PROJECT SCOPE

1. ADD NEW 1 1/4" HOT WATER RETURN MAIN LINE ON LEVEL P2 PARKING CEILING. CONNECT NEW 1/2" HOT WATER RETURN AT THE BOTTOM OF EACH HOT WATER RISER. RUN NEW 1 1/4" HWR LINE UP INSIDE OF THE TRASH ROOM ON EACH FLR. CONNECT NEW 1 1/4" HWR TO EXIST HWR IN MECHANICAL ROOM. CAP EXIST 1 1/4" HWR LINE ROUTED ON ROOF.
2. VERIFY ON SITE, ALL DIMENSIONS & EXISTING CONDITIONS PRIOR TO STARTING WORK. CONTRACTOR SHALL BE AWARE OF ALL EXISTING CONDITIONS INVOLVED IN THE WORK. NOTIFY THE ENGINEERS IMMEDIATELY, IN WRITING, OF ANY DISCREPANCIES OR DEVIATIONS BETWEEN THE EXISTING DRAWINGS AND CONDITIONS IN THE FIELD, INCLUDING, BUT NOT LIMITED TO, DIMENSIONS, ELEVATIONS, AND CLEARANCES.
3. COMPLY WITH ALL APPLICABLE COUNTY OF HONOLULU, STATE AND FEDERAL LAWS, BUILDING CODES, THEIR ADDITIONS, ADDENDUMS, AND AMENDMENTS IN CONSTRUCTION OF THIS PROJECT.

FIRE NOTES

1. 1.3.6.3 REPAIRS, RENOVATIONS, ALTERATIONS, RECONSTRUCTION, CHANGE OF OCCUPANCY, AND ADDITIONS TO BUILDINGS SHALL CONFORM TO THIS CODE, NFPA 101, AND THE BUILDING CODE.
2. 1.9.4 THIS CODE SHALL NOT BE CONSTRUED TO RELIEVE FROM OR LESSEN THE RESPONSIBILITY OF ANY PERSON OWNING, OPERATING, OR CONTROLLING ANY BUILDING OR STRUCTURE FOR ANY DAMAGES TO PERSONS OR PROPERTY CAUSED BY DEFECTS, NOR SHALL THE CODE ENFORCEMENT AGENCY OR ITS PARENT JURISDICTION BE HELD AS ASSUMING ANY SUCH LIABILITY BY REASON OF THE INSPECTIONS AUTHORIZED BY THIS CODE OR ANY PERMITS OR CERTIFICATES ISSUED UNDER THIS CODE.
3. 1.14 PLAN REVIEW
   1.14.4 REVIEW AND APPROVAL BY THE AHJ SHALL NOT RELIEVE THE APPLICANT OF THE RESPONSIBILITY OF COMPLIANCE WITH THIS CODE.
4. 4.5.1.1 THE AHJ SHALL DETERMINE WHETHER THE PROVISIONS OF THIS CODE ARE MET.
5. 4.5.1.2 WHERE IT IS EVIDENT THAT A REASONABLE DEGREE OF SAFETY IS PROVIDED, ANY REQUIREMENT SHALL BE PERMITTED TO BE MODIFIED IF ITS APPLICATION WOULD BE HAZARDOUS UNDER NORMAL OCCUPANCY CONDITIONS IN THE JUDGMENT OF THE AHJ.
6. 10.1.1 EVERY NEW AND EXISTING BUILDING OR STRUCTURE SHALL BE CONSTRUCTED, ARRANGED, EQUIPPED, MAINTAINED, AND OPERATED IN ACCORDANCE WITH THIS CODE SO AS TO PROVIDE A REASONABLE LEVEL OF LIFE SAFETY, PROPERTY PROTECTION, AND PUBLIC WELFARE FROM THE ACTUAL AND POTENTIAL HAZARDS CREATED BY FIRE, EXPLOSION, AND OTHER HAZARDOUS CONDITIONS.
7. 10.1.2* LIFE SAFETY CODE. EVERY NEW AND EXISTING BUILDING SHALL COMPLY WITH THIS CODE AND NFPA 101, LIFE SAFETY CODE.

INDEX OF DRAWINGS

DWG NO.	SHEET DESCRIPTION	SHT NO.
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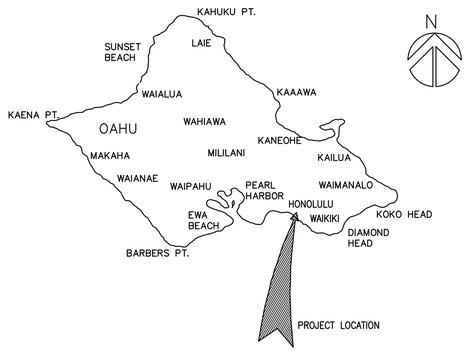
P201	WATER PIPING DIAGRAM	6
		6 SHEETS TOTAL

BWS NOTES

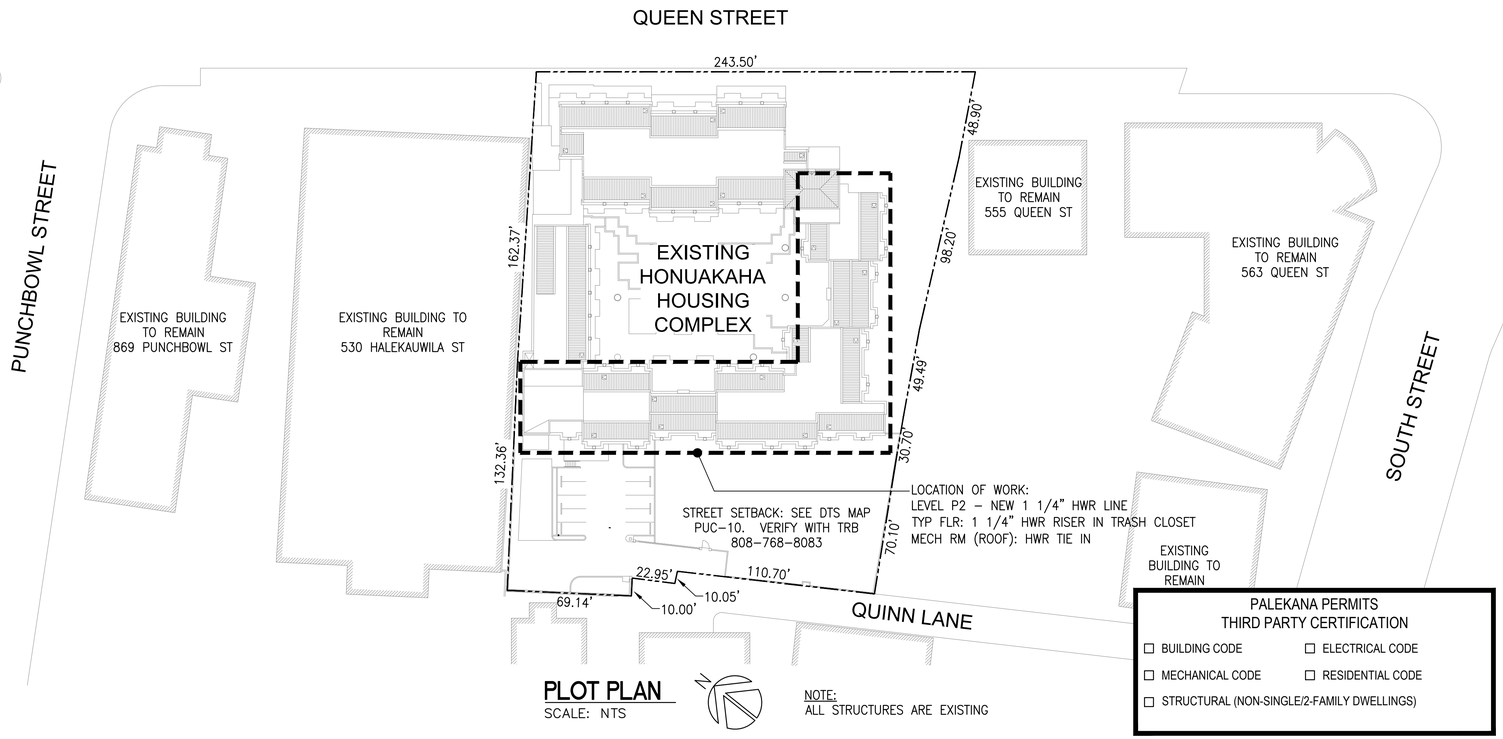
1. THE ADDITION OF THE HOT WATER RETURN LINE DOES NOT AFFECT THE WATER DEMAND. THERE ARE NO CHANGES TO THE PLUMBING FIXTURE COUNT.

OAHU MAP



ISLAND OF OAHU
SCALE: NTS

PLOT PLAN



PLOT PLAN
SCALE: NTS

NOTE:
ALL STRUCTURES ARE EXISTING

PALEKANA PERMITS
THIRD PARTY CERTIFICATION

- ☐ BUILDING CODE
- ☐ ELECTRICAL CODE
- ☐ MECHANICAL CODE
- ☐ RESIDENTIAL CODE
- ☐ STRUCTURAL (NON-SINGLE/2-FAMILY DWELLINGS)

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ROSS S. OKUDA
LICENSED PROFESSIONAL ENGINEER
No. 9377-M
HAWAII, U.S.A.

This work was prepared by me or under my supervision and construction of this project will be under my observation.

Expiration Date: 04-30-2028

REVISIONS

NO	DESCRIPTION	DATE
1	BUILDING COMMENTS	6/17/26

HONUAKAHA HOT WATER RETURN MODIFICATIONS
HAWAII COMMUNITY DEVELOPMENT AUTHORITY
545 QUEEN STREET, HONOLULU, HAWAII, 96813
TMK: 2-1-031:021

TITLE SHEET

Project Number	Date
2025.043	FEB 2026
Drawn: MEI	Checked: RSO
	Designed: MEI

Drawing Number
001

Sheet No 1 of 6

MECHANICAL GENERAL NOTES:

1. EXAMINE THE PROJECT SITE AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS AND THE EXTENT OF NEW WORK PRIOR TO CONSTRUCTION. NOTIFY AND COORDINATE WITH THE OWNER FOR ANY MAJOR DEVIATIONS OR DISCREPANCIES DISCOVERED IN THE PLANS AND SPECIFICATIONS DUE TO UNFORESEEN OR VARYING FIELD CONDITIONS.
2. THE ENTIRE INSTALLATION SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF 2018 IBC, 2018 IECC, 2021 UPC, NFPA 1 2021 AND ELECTRICAL CODES OF THE CITY AND COUNTY OF HONOLULU, STATE OF HAWAII HEALTH REGULATIONS, FIRE DEPARTMENT REGULATIONS, MANUFACTURER'S RECOMMENDATIONS AND OTHER APPLICABLE REGULATIONS.
3. THE DRAWINGS ARE INTENDED TO COVER THE COMPLETE INSTALLATION OF SYSTEMS TO FUNCTION AS DESCRIBED AND SPECIFIED. THE OMISSION OF REFERENCE TO ANY NECESSARY ITEM OF LABOR OR MATERIAL SHALL NOT RELIEVE THE CONTRACTOR FROM PROVIDING SUCH LABOR AND MATERIAL.
4. ALL EQUIPMENT SHALL BE CAPABLE OF FITTING INTO THE SPACES ALLOCATED WHILE MEETING THE MANUFACTURER'S RECOMMENDED ACCESS REQUIREMENTS. REVIEW ALL SPACES WHERE EQUIPMENT IS TO BE INSTALLED PRIOR TO ORDERING OF EQUIPMENT AND NOTIFY THE ENGINEER OF ANY INADEQUATE CLEARANCES OR CONDITIONS THAT WILL PREVENT THE PROPER INSTALLATION, MAINTENANCE, AND OPERATION OF THE EQUIPMENT.
5. PROVIDE SHOP DRAWINGS FOR THE LAYOUT OF EQUIPMENT, PIPING, AND DUCTWORK SHOWING COORDINATION OF ALL WORK WITH ALL OTHER TRADES.
6. OBTAIN APPROVAL FROM THE ARCHITECT BEFORE MAKING ANY PENETRATIONS THROUGH STRUCTURAL MEMBERS, WALLS, AND SLABS.
7. DRAWINGS DO NOT ATTEMPT TO SHOW EXACT DETAILS OF PIPING AND DUCTWORK. PROVIDE OFFSETS AS NECESSARY TO AVOID LOCAL OBSTRUCTIONS OR INTERFERENCE WITH OTHER TRADES. REVIEW ALL PIPING AND DUCT RUNS PRIOR TO FABRICATION AND IMMEDIATELY NOTIFY THE ARCHITECT OF ANY INTERFERENCE AND/OR LACK OF ADEQUATE CLEARANCES.
8. SHOULD PROJECT CONDITIONS REQUIRE REARRANGEMENT OF WORK, MARK SUCH CHANGES ON THE AS-BUILT DRAWINGS. IF THESE CHANGES REQUIRE ALTERNATE METHODS TO THOSE APPROVED BY THE CONTRACT DOCUMENTS, SUBMIT SHOP DRAWINGS SHOWING THE PROPOSED ALTERNATE METHODS TO THE ARCHITECT FOR REVIEW. DO NOT PROCEED UNTIL REVIEWED.
9. REPAIR ANY DAMAGE TO EXISTING CONSTRUCTION RESULTING FROM THE INSTALLATION OF MECHANICAL ITEMS. THE AREAS REPAIRED SHALL MATCH THE ADJACENT SURFACES IN TEXTURE AND COLOR.
10. DRAWINGS FILES WILL NOT BE AVAILABLE TO CONTRACTORS FOR SHOP DRAWINGS OR ANY OTHER PURPOSE.
11. PROVIDE ACCESS PANELS FOR ALL ITEMS UNDER THIS SECTION REQUIRING SERVICING, INSPECTION, MAINTENANCE, AND ADJUSTMENT.

MECHANICAL LEGEND

SYMBOL	ABBRV.	DESCRIPTION
GENERAL		
	CLG	CEILING
ø	DIA.	DIAMETER
	DN	DOWN
(E)	EXIST.	EXISTING
(N)		NEW
	POC	POINT OF CONNECTION
	TYP	TYPICAL
	W/	WITH
PLUMBING		
		CHECK VALVE
	CO	CLEANOUT
—— · ——	CW	COLD WATER
	FCO	FLOOR CLEANOUT
	FD	FLOOR DRAIN
	HB	HOSE BIBB
—— · ——	HW	HOT WATER
—— ··· ——	HWR	HOT WATER RETURN
	HWRP	HOT WATER RETURN PUMP
	S	SANITARY
	SD	STORM DRAIN
	SOV	SHUT OFF VALVE

PLUMBING PHASES OF WORK:

THE FOLLOWING PHASES ARE INCLUDED IN THIS PROJECT'S SCOPE OF PLUMBING WORK:

P1. PLUMBING FIXTURES, EQUIPMENT
P2a. SANITARY PIPING SYSTEM (INTERIOR)
P3a. WATER DISTRIBUTION SYSTEM (INTERIOR)

BWS NOTES:

1. NO CHANGES WILL BE MADE TO THE PLUMBING FIXTURE COUNTS AND WATER DEMAND.

CITY AND COUNTY OF HONOLULU
REVISED ORDINANCES OF HONOLULU 2021
CHAPTER 16B

TO THE BEST OF MY KNOWLEDGE, THIS PROJECT'S DESIGN SUBSTANTIALLY CONFORMS TO THE BUILDING ENERGY CONSERVATION CODE FOR:

_____ BUILDING COMPONENT SYSTEMS
_____ ELECTRICAL COMPONENT SYSTEMS
✓ MECHANICAL COMPONENT SYSTEMS

SIGNATURE: _____
NAME: ROSS S. OKUDA
TITLE: PRESIDENT
PE #: 9377-M
DATE: 03-02-2026

ROSS S. OKUDA LICENSED PROFESSIONAL ENGINEER No. 9377-M HAWAII, U.S.A.
EXP. 4-30-2028

MECHANICAL SPECIFICATIONS:

SECTION 15A – GENERAL

1. INSTALLATION AND WORKMANSHIP: ALL WORKMANSHIP SHALL BE OF THE HIGHEST STANDARD. ALL PIPING SHALL BE LAID OUT TO INSURE A NEAT, SYSTEMATIC AND ORDERLY ARRANGEMENT OF ALL WORK. ALL PLUMBING INSTALLED SHALL COMPLY WITH THE UNIFORM PLUMBING CODE, FIRE DEPARTMENT REGULATIONS, THE REGULATIONS OF THE DEPARTMENT OF HEALTH, OF THE STATE OF HAWAII, OSHA, NFPA AND ALL GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER WORK IN THIS SECTION. WHERE NOTED, FIXTURES SHALL COMPLY WITH ALL APPLICABLE ADA STANDARDS.
2. GENERAL REQUIREMENTS: IT IS THE INTENT OF THE PLANS AND SPECIFICATIONS TO PROVIDE A COMPLETE INSTALLATION. SHOULD THERE BE OMISSIONS OR DISCREPANCIES IN THE PLANS AND SPECIFICATIONS, THE CONTRACTOR SHALL CALL THE ATTENTION OF THE ENGINEER TO SUCH OMISSIONS AND DISCREPANCIES IN ADVANCE OF CONSTRUCTION SO THAT THE NECESSARY CORRECTIONS CAN BE MADE, OTHERWISE THE CONTRACTOR SHALL FURNISH AND INSTALL THE OMISSIONS OR DISCREPANCIES AS IF THE SAME WERE SPECIFIED AND PROVIDED FOR.
   A. STANDARDS:
      1) ALL WORK SHALL BE DONE IN ACCORDANCE WITH UPC 2021, IBC 2018, IECC 2018, NFPA 1 2018, HONOLULU FIRE DEPARTMENT REGULATIONS, LANDLORD REQUIREMENT, AND ALL APPLICABLE ORDINANCES AND CODES OF THE CITY AND COUNTY OF HONOLULU.
      2) CONTRACTOR SHALL OBTAIN ALL PERMITS, LICENSES, AND CERTIFICATES AND PAY FOR ALL FEES.
   B. DRAWINGS AND SPECIFICATIONS:
      1) CONTRACT DRAWINGS: MECHANICAL PLANS ARE ESSENTIALLY DIAGRAMMATIC, SHOWING LOCATIONS OF PIPES AND OTHER MECHANICAL EQUIPMENT. WHERE LOCATIONS ARE NOT DIMENSIONED, THEY ARE APPROXIMATE, AND BEFORE INSTALLING, THE CONTRACTOR SHALL STUDY THE EXISTING CONDITIONS AND MAKE THE INSTALLATION IN THE MOST LOGICAL MANNER.
      2) SHOP DRAWINGS: AS SOON AS PRACTICAL AND WITHIN THIRTY (30) DAYS AFTER AWARD OF CONTRACT AND BEFORE COMMENCEMENT OF INSTALLATION OF ANY MATERIALS, SIX (6) SETS OF MATERIAL SUBMITTALS AND SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL. SUBMITTALS SHALL CONSIST OF A COMPLETE LIST OF MATERIALS. SHOP DRAWINGS SHALL CONTAIN ALL PIPING, DUCTWORK, EQUIPMENT, HANGERS, VALVES, AND SPECIALTIES. ALLOW FOR SERVICE CLEARANCES AS RECOMMENDED BY EQUIPMENT MANUFACTURER.
      3) RECORD DRAWINGS: CONTRACTOR SHALL KEEP A SET OF DRAWINGS AVAILABLE AT THE JOBSITE ON WHICH ALL CHANGES AND ADDITIONS IN THE MECHANICAL WORK ARE SHOWN.
   C. WORK AREA SHALL BE CLEANED OF DEBRIS AT THE END OF EACH DAY.
3. GUARANTEE
   A. GUARANTEE: ALL WORK AND MATERIAL EXECUTED UNDER THIS SECTION SHALL BE GUARANTEED TO BE FREE FROM DEFECTS OF MATERIALS AND WORKMANSHIP FOR ONE (1) YEAR FROM DATE OF FINAL ACCEPTANCE OF PROJECT AS A WHOLE. ALL WORK OR REPAIR AND REPLACEMENT REQUIRED, INCLUDING OTHER WORK DAMAGED BY THIS WORK'S DEFECT SHALL BE PERFORMED AT NO COST TO THE OWNER.
   B. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO ANY PART OF THE PREMISES CAUSED BY FAILURE IN THE EQUIPMENT UNDER THIS SECTION FOR A PERIOD OF ONE (1) YEAR AFTER THE FINAL ACCEPTANCE OF THE WORK AS A WHOLE.

SECTION 15B: PLUMBING

1. SCOPE: FURNISH AND INSTALL ALL MATERIALS, LABOR, SERVICES AND EQUIPMENT TO PROVIDE WATER CONNECTIONS TO ALL NEW FIXTURES AS WELL AS ANY ASSOCIATED PIPING ALTERATIONS, AS INDICATED ON THE PLANS AND/OR SPECIFIED HEREIN.
2. MATERIALS: ALL MATERIALS SHALL BE NEW AND OF THE BEST QUALITY AVAILABLE IN THEIR RESPECTIVE KINDS, FREE FROM ALL DEFECTS AND SHALL BE OF THE MAKE AND TYPE SPECIFIED OR APPROVED EQUAL.
   A. PIPING MATERIAL:
      1) ABOVE GROUND WATER PIPING: COPPER, TYPE "L", HARD DRAWN WITH WROUGHT COPPER OR CAST BRONZE FITTINGS; 95-5 LEAD FREE SOLDER JOINTS.
      2) VALVES SHALL BE OF HEAVY DUTY BRONZE CONSTRUCTION, LEAD-FREE, THREADED OR SOLDERED ENDS. BALL VALVES SHALL BE 3-PIECE BRONZE FULL PORT TYPE WITH BLOWOUT-PROOF STEM. NIBCO, CRANE, POWELL OR EQUAL.
      3) PIPE INSULATION: DOMESTIC HOT WATER PIPING INSULATION SHALL COMPLY WITH HONOLULU CITY AND COUNTY IECC AMENDMENT SECTION C404.5.3 AND UPC 609.12.2, WHICHEVER IS MORE STRINGENT. INSULATE THE ENTIRE HOT WATER PIPING SYSTEM IN ACCORDANCE WITH TABLE C403.11.3. PROVIDE CONTINUOUS INSULATION ON STRAIGHTS, ELBOWS, TEES, VALVES, UNIONS, AND AT SUPPORTS; SEAL ALL LONGITUDINAL/ CIRCUMFERENTIAL JOINTS. INSULATION SHALL HAVE MINIMUM FLAME/SMOKE DEVELOPED RATING OF 25/50. INSULATION SHALL BE THICK CLOSED CELL ELASTOMERIC INSULATION, PRE-MOLDED WITH LONGITUTINAL SLIT WITH ADHESIVE-SEALING STRIP.
3. EXECUTION: THE INSTALLATION SHALL BE ACCOMPLISHED BY A QUALIFIED, LICENSED CONTRACTOR RECOGNIZED AS A FULLY EXPERIENCED SPECIALIST IN THE PLUMBING TRADE.
   A. GENERAL:
      1) VISIT THE WORK SITE AND BECOME FULLY AWARE OF ALL EXISTING CONDITIONS.
      2) CLEAN UP WORK AREA FOR PROPER OPERATION.
   B. PIPING:
      1) PROVIDE AND INSTALL HANGERS AND SUPPORTS FOR ALL PIPE WORK TO PROVIDE FOR EXPANSION AND CONTRACTION, PREVENT VIBRATION AND MAINTAIN REQUIRED GRADING BY PROPER ADJUSTMENT.
      2) SUPPORTS, HANGERS, BOLTS, NUTS, WASHERS, ETC., SHALL BE GALVANIZED UNLESS OTHERWISE SPECIFIED. SUPPORTS FOR COPPER PIPE SHALL BE IN ADDITION COATED WITH PLASTIC.
      3) STERILIZE AND TEST ALL WASTE AND WATER LINES IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE RECOMMENDATION OF THE PLUMBING CODE
      4) PROVIDE ESCUTCHEON PLATES FOR EXPOSED ALL WALL, ROOF, AND FLOOR PENETRATIONS. PROVIDE FIRE STOPPING AT ALL PENETRATIONS THRU RATED WALLS, FLOORS, ETC., AS PER BUILDING CODE REQUIREMENTS.
      5) CERTIFICATE: SUBMIT CHLORINATION REPORT TO ARCHITECT UPON COMPLETION.

PALEKANA PERMITS
THIRD PARTY CERTIFICATION

☐ BUILDING CODE ☐ ELECTRICAL CODE
☐ MECHANICAL CODE ☐ RESIDENTIAL CODE
☐ STRUCTURAL (NON-SINGLE/2-FAMILY DWELLINGS)

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Phone: (808) 591-9038
Fax: (808) 596-7356

ROSS S. OKUDA LICENSED PROFESSIONAL ENGINEER No. 9377-M HAWAII, U.S.A.

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Expiration Date: 04-30-2028

NO	DESCRIPTION	DATE
1	MECH CODE COMMENT	07/02/2026

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HAWAII COMMUNITY DEVELOPMENT AUTHORITY
545 QUEEN STREET, HONOLULU, HAWAII, 96813
TMK: 2-1-031:021

GENERAL NOTES AND LEGEND

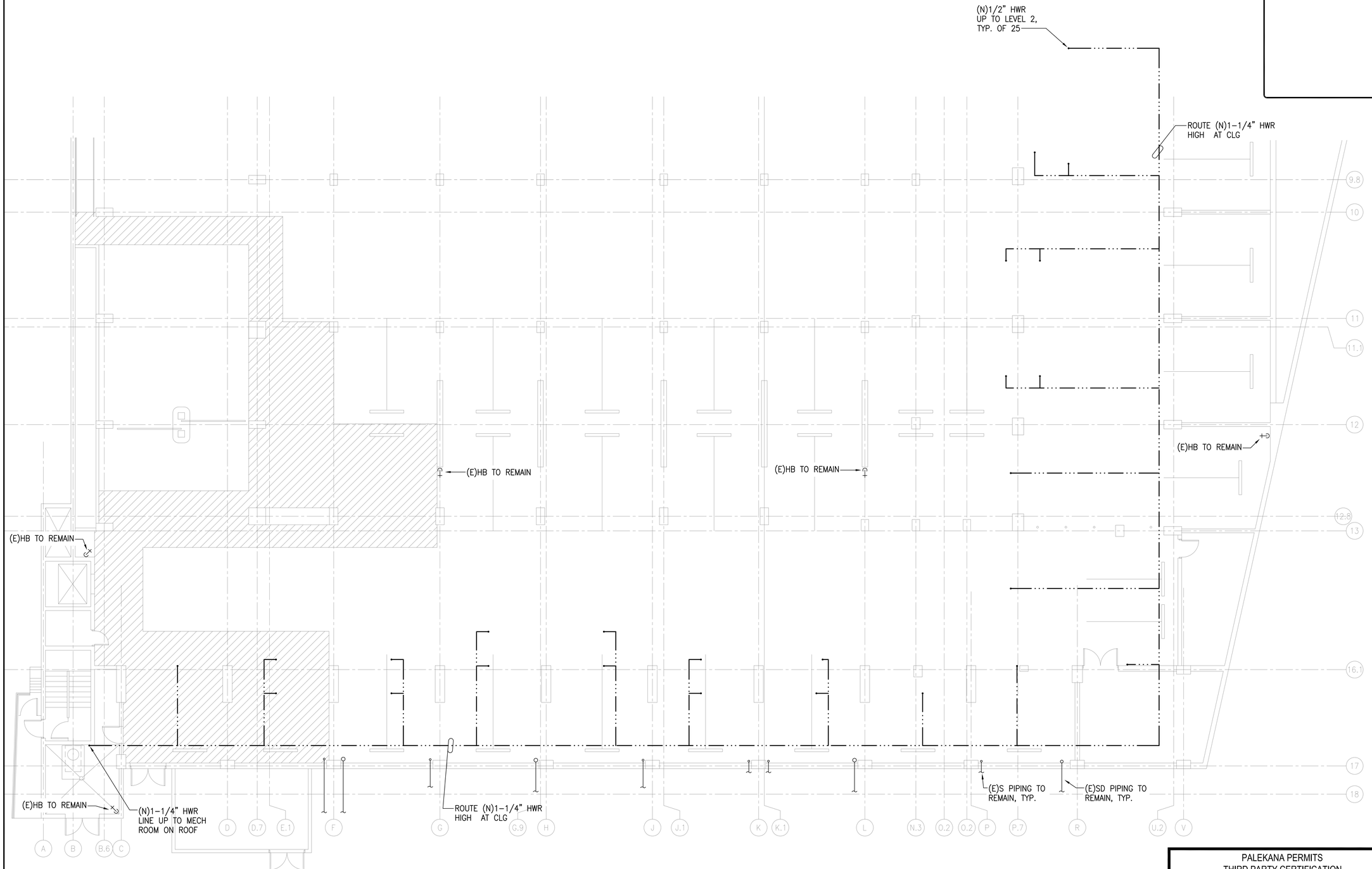
Project Number	Date
2025.043	FEB 2026

Drawn	Checked	Designed
MEI	RSO	MEI

Drawing Number
P001

Sheet No 2 of 6

EXHIBIT A



1 / P101 **LEVEL P2 PLUMBING PLAN**
SCALE: 1/8" = 1' -0"

NOTES:
1. ALL EXISTING CW, HW, S, AND SD PIPING TO REMAIN.
2. ALL EXISTING PLUMBING FIXTURES TO REMAIN.

0 2' 4' 6' 8' 10' 12'
SCALE: 1/4" = 1'

PALEKANA PERMITS
THIRD PARTY CERTIFICATION

- ☐ BUILDING CODE
- ☐ ELECTRICAL CODE
- ☐ MECHANICAL CODE
- ☐ RESIDENTIAL CODE
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Expiration Date: 04-30-2026

REVISIONS	NO	DATE	DESCRIPTION

HONUAKAHA HOT WATER RETURN MODIFICATIONS
545 QUEEN STREET, HONOLULU, HAWAII, 96813
TMK: 2-1-031:021

LEVEL P2 PLUMBING PLAN

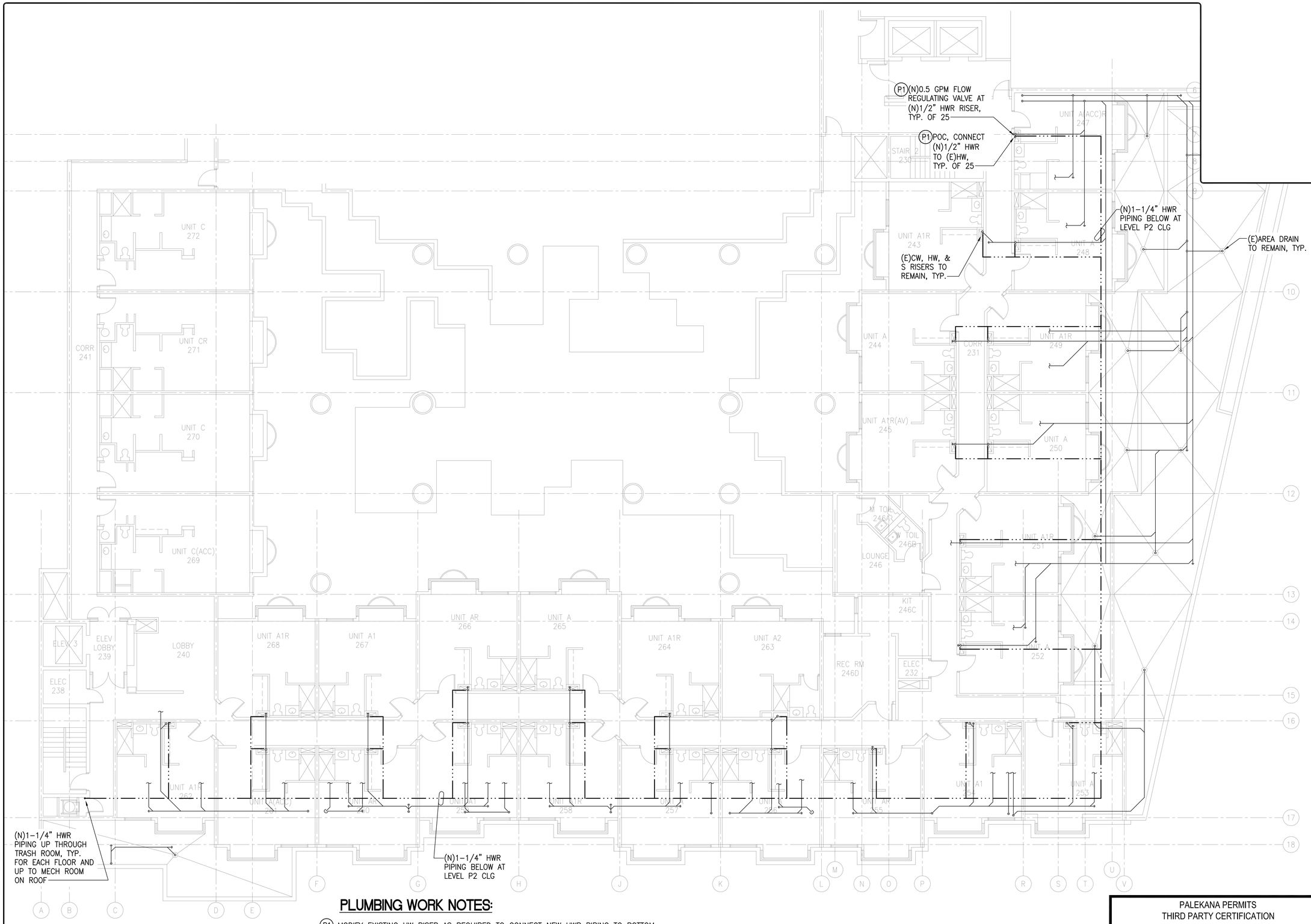
Project Number	Date
2025.043	FEB 2026

Drawn	Checked	Designed
MEI	RSO	MEI

Drawing Number
P101

Sheet No 3 of 5

EXHIBIT A



PLUMBING WORK NOTES:

(P1) MODIFY EXISTING HW RISER AS REQUIRED TO CONNECT NEW HWR PIPING TO BOTTOM OF EXISTING HW RISER. INSTALL NEW 0.5 GPM FLOW REGULATING VALVE ON NEW HWR RISER WITHIN EXISTING SHAFT. PATCH/REPAIR WALL/FLOOR TO MATCH ADJACENT SURFACE. CONTRACTOR TO FIELD VERIFY.

NOTES:
1. ALL EXISTING CW, HW, S, AND SD PIPING TO REMAIN.
2. ALL EXISTING PLUMBING FIXTURES TO REMAIN.

1 / P102 LEVEL 2 PLUMBING PLAN
SCALE: 1/8" = 1' -0"

0 4' 8' 12' 16' 20' 24'
SCALE: 1/8" = 1'

PALEKANA PERMITS
THIRD PARTY CERTIFICATION

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NO	DATE	DESCRIPTION

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LEVEL 2 PLUMBING PLAN

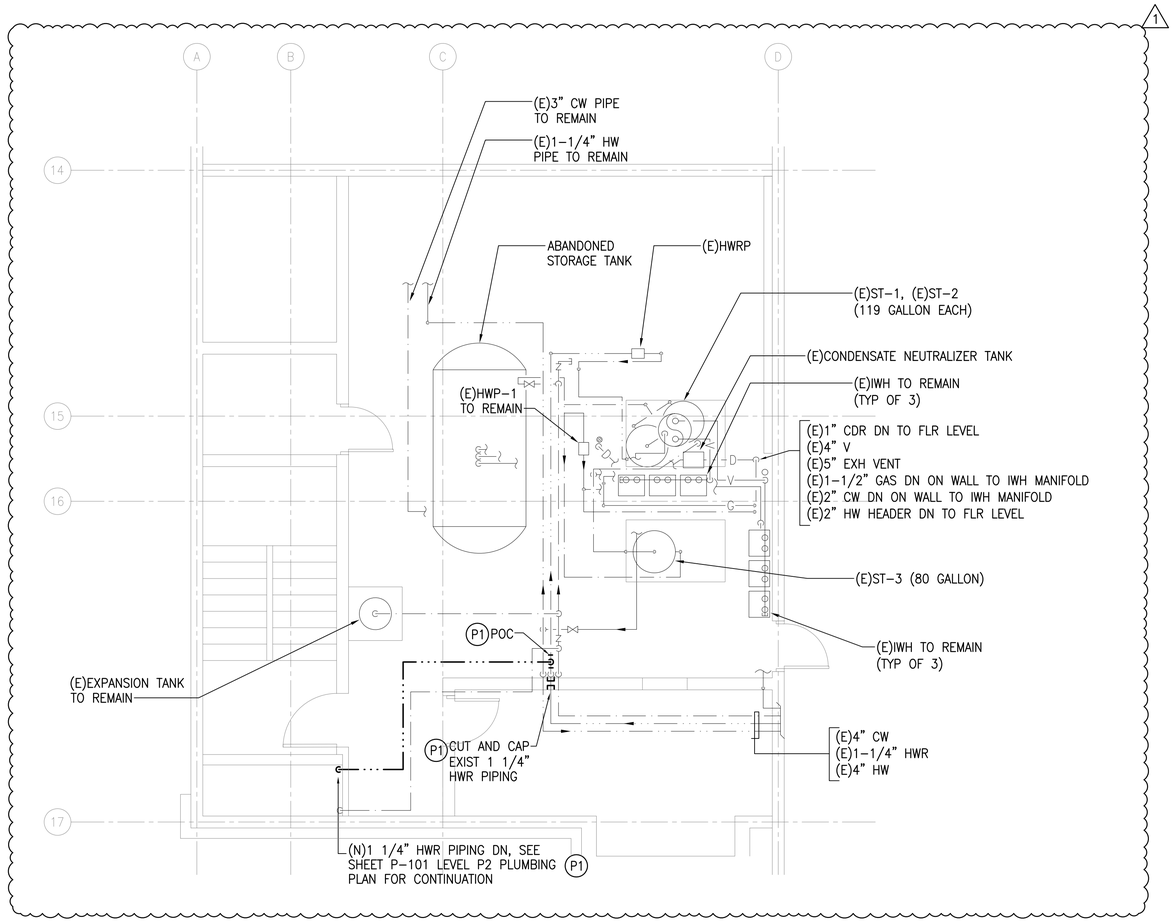
Project Number	Date
2025.043	FEB 2026

Drawn	Checked	Designed
MEI	RSO	MEI

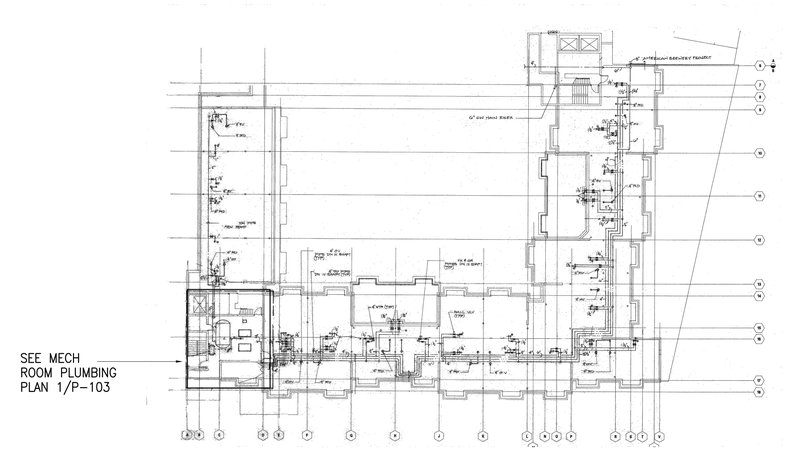
Drawing Number
P102

Sheet No 4 of 6

EXHIBIT A



1 P103 **MECHANICAL ROOM PLUMBING PLAN**
SCALE: 1/4" = 1' -0"



2 P103 **ROOF PLUMBING PLAN**
SCALE: NTS

PLUMBING WORK NOTES:

P1 PROVIDE NEW HWR PIPING AND MODIFY EXISTING HWR RISER AS REQUIRED TO CONNECT NEW HWR PIPING TO EXISTING HWR IN HEATER ROOM AND CAP EXIST 1 1/4" HWR PIPING ON ROOF. PATCH/REPAIR WALL/FLOOR TO MATCH ADJACENT SURFACE. CONTRACTOR TO FIELD VERIFY. DRAIN ALL WATER IN EXISTING HWR PIPING ON THE ROOF THAT WILL BE ABANDONED. IN PLACE. 1

NOTES:
1. ALL EXISTING CW, HW, S, AND SD PIPING TO REMAIN.
2. ALL EXISTING PLUMBING EQUIPMENT TO REMAIN.

0 2' 4' 6' 8' 10' 12'
SCALE: 1/4" = 1'

PALEKANA PERMITS
THIRD PARTY CERTIFICATION
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1	07/02/2026	MECH CODE COMMENT

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545 QUEEN STREET, HONOLULU, HAWAII, 96813
TMK: 2-1-031:021

ROOF PLUMBING PLAN

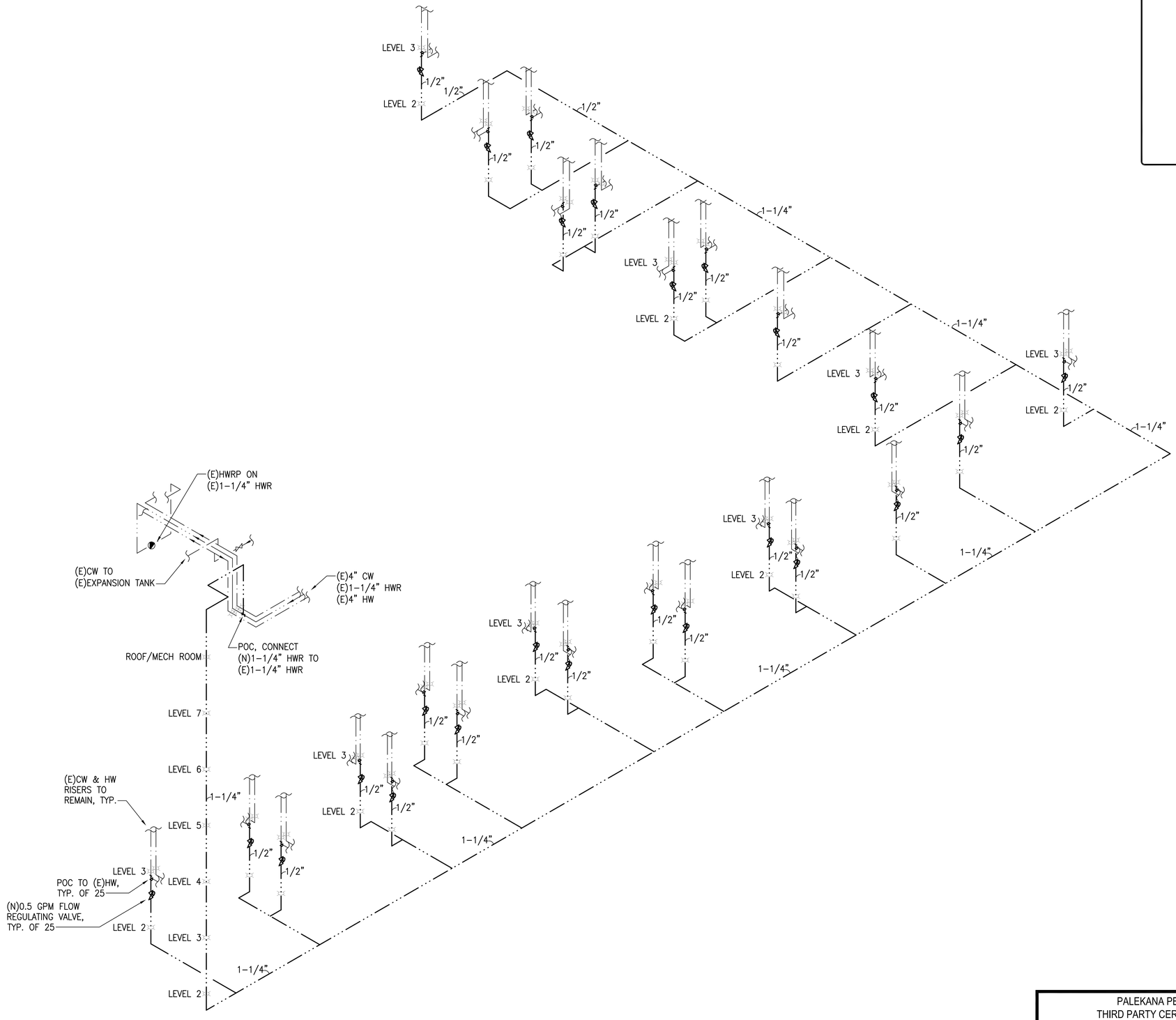
Project Number	Date
2025.043	FEB 2026

Drawn	Checked	Designed
MEI	RSO	MEI

Drawing Number
P103

Sheet No 5 of 6

EXHIBIT A



1 P201 **WATER PIPING DIAGRAM**
SCALE: NOT TO SCALE

PALEKANA PERMITS
THIRD PARTY CERTIFICATION

- ☐ BUILDING CODE
- ☐ ELECTRICAL CODE
- ☐ MECHANICAL CODE
- ☐ RESIDENTIAL CODE
- ☐ STRUCTURAL (NON-SINGLE/2-FAMILY DWELLINGS)

Mechanical Enterprises, Inc.
Mechanical & Fire Protection Engineers
501 Sumner Street, Ste. 503, Honolulu, Hawaii 96817
Phone: (808) 591-9038
Fax: (808) 596-7356

ROSS S. OKUDA
LICENSED PROFESSIONAL ENGINEER
No. 9377-M
HAWAII, U.S.A.

This work was prepared by me or under my supervision and construction of this project will be under my observation.

Expiration Date: 04-30-2026

REVISIONS		
NO	DATE	DESCRIPTION

HONUAKAHA HOT WATER RETURN MODIFICATIONS
545 QUEEN STREET, HONOLULU, HAWAII, 96813
TMK: 2-1-031:021

WATER PIPING DIAGRAM

Project Number	Date
2025.043	FEB 2026

Drawn	Checked	Designed
MEI	RSO	MEI

Drawing Number
P201

Sheet No 5 of 5