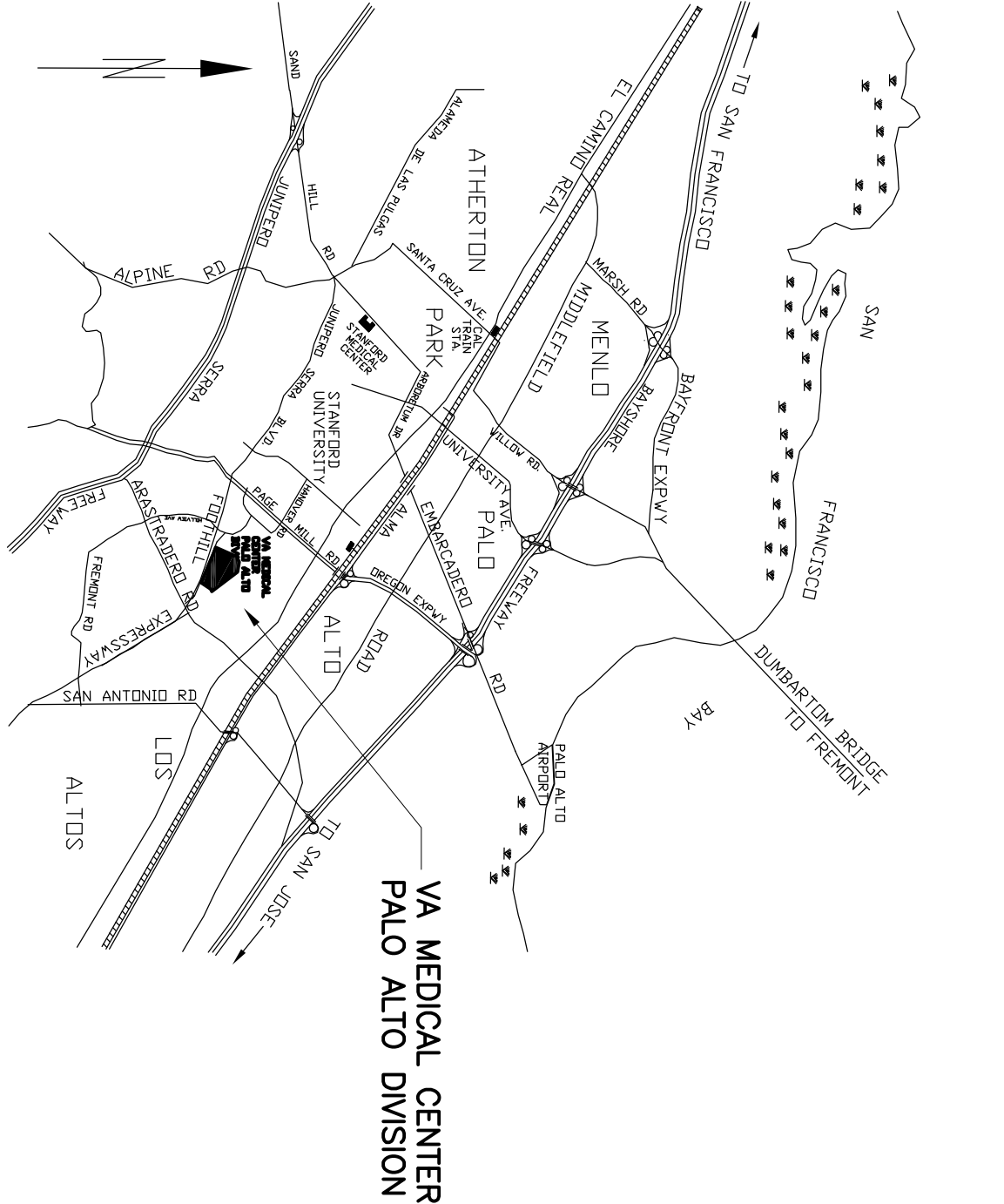




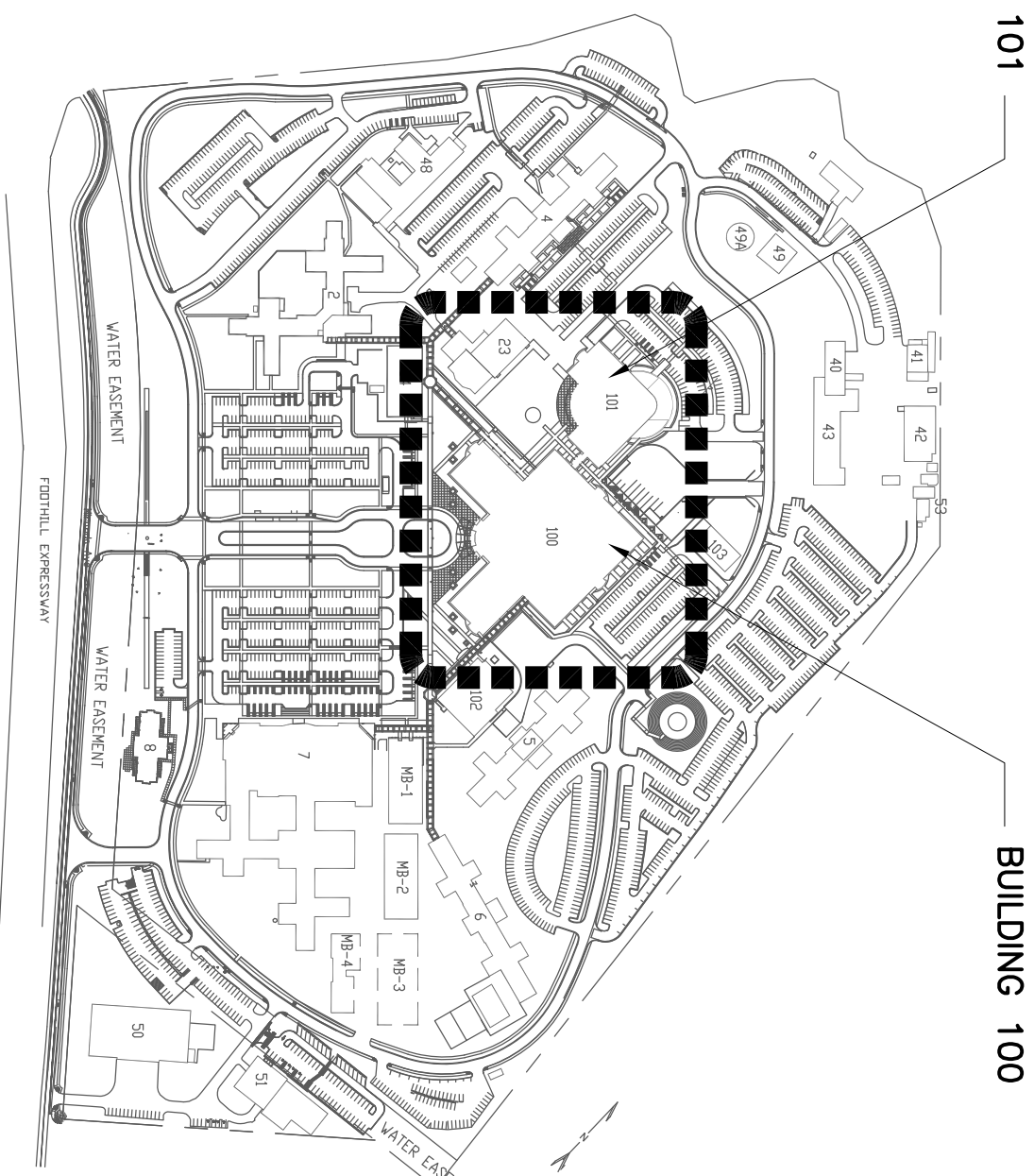
# SPLIT DUCTLESS AIR CONDITIONING SYSTEMS FOR RESEARCH AREA, FOURTH FLOOR OF BUILDINGS 100 AND 101 DEPARTMENT OF VETERANS AFFAIRS MEDICAL CENTER STATION 640, PALO ALTO, CALIFORNIA



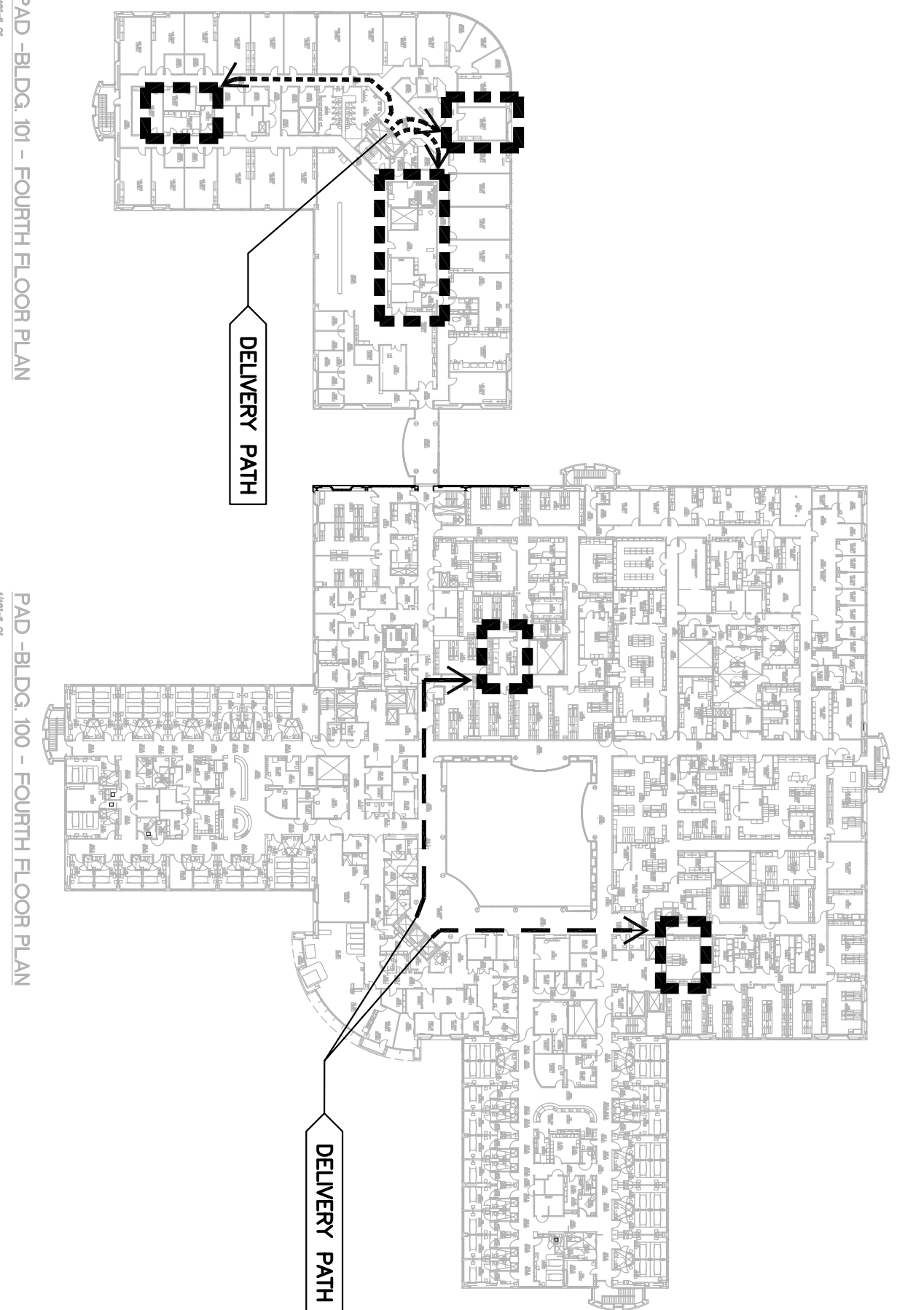
## MAPS



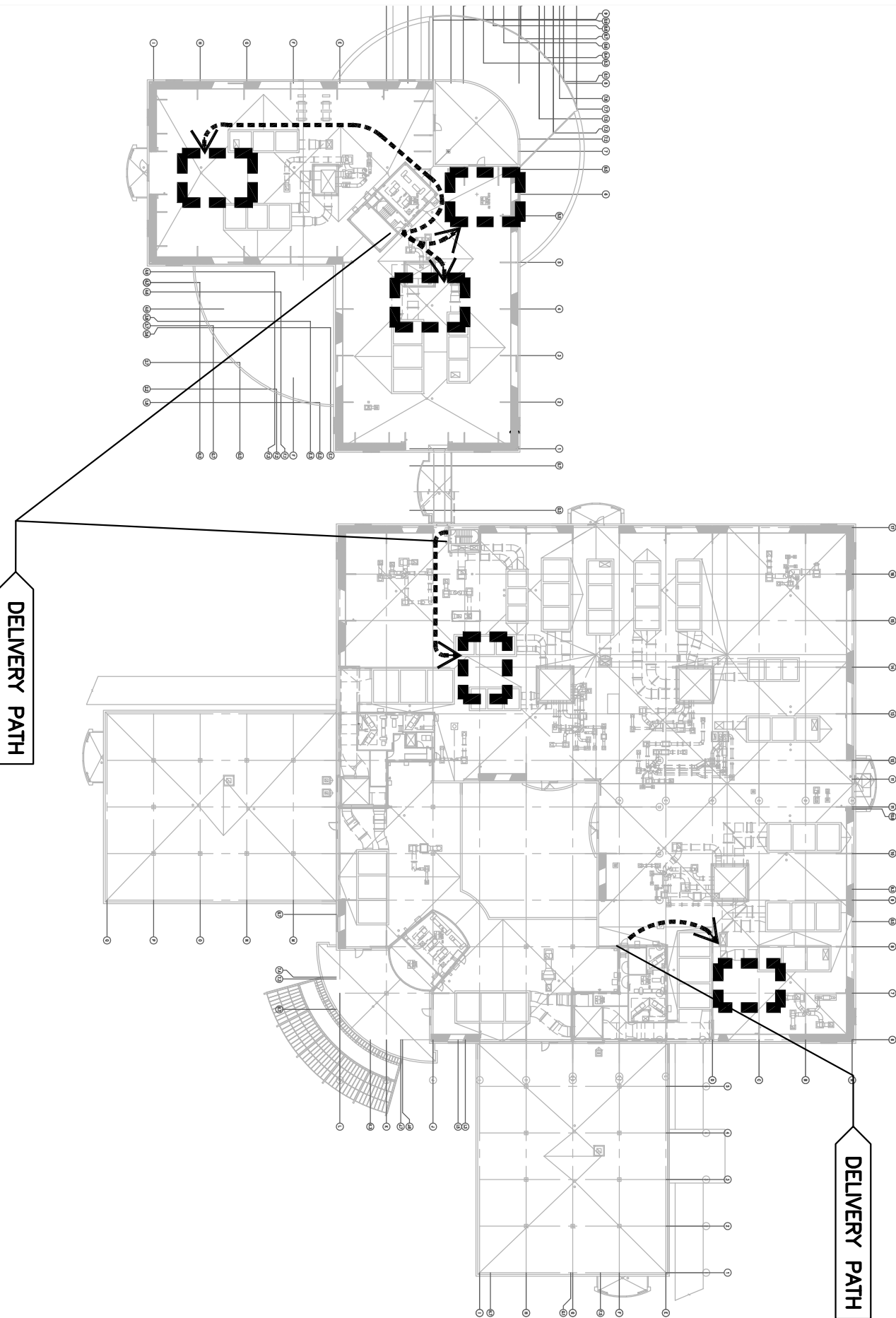
VICINITY MAP  
SCALE: NONE



SITE PLAN  
SCALE: NONE



FOURTH FLOOR LOCATION  
SCALE: NONE



ROOF LOCATION  
SCALE: NONE

## LEGEND

— CTPD —	CTPD	AHU	AIR HANDLING UNIT
— RHG —	RHG	CONDENSATE TRANSFER PUMP DISCHARGE	
— RL —	RL	REFRIGERANT GAS	
— E —	E	REFRIGERANT LIQUID	
— E —	E	ELECTRICAL WIRING	
— BAS/RMS —	BAS/RMS	BUILDING AUTOMATION/MANAGEMENT SYSTEM	
QTY	QTY		

DETAIL NUMBER  
DRAWING NUMBER  
DETAIL TAG

SHEET NOTE TAG  
WALL MOUNTED TEMPERATURE CONTROLLER  
POINT OF CONNECTION  
DIRECTION OF FLOW  
SERVICE VALVE  
DISCONNECT SWITCH

## WORK SUMMARY

PROVIDE NEW SPLIT DUCTLESS AIR CONDITIONING SYSTEMS FOR RESEARCH AREAS 100-64-212, 100-64-211, 100-64-220, 101-64-221, 101-64-125, 101-64-200, AND 101-64-140/160, FOURTH FLOOR AT BUILDING 100 AND 101.  
PROVIDE ELECTRICAL EMERGENCY POWER SUPPLY, PIPING SYSTEM, PLUMBING, AND CONTROLS TO THE NEW SPLIT DUCTLESS AIR CONDITIONING SYSTEMS.  
SEE STATEMENT OF WORK AND SPECIFICATIONS FOR DETAIL REQUIREMENTS.

## EQUIPMENT SCHEDULE

### SPLIT DUCTLESS AIR CONDITIONING SYSTEM SCHEDULE

BUILDING	QTY.	NOMINAL COOLING CAPACITY (BTU/Hr)	MIN. SEER	OUTDOOR UNIT TYPE	V-FRH	MAX. FRISE (IN)	MIN. MAX. CAP. (TON)	NOMINAL COOLING CAPACITY (BTU/Hr)	LIQUID PIPING CONNECTION	NOTES
100-64-212	1	36,000	17.5	R-410A	208-230V	50	42.5-70	36,000	3/8" O.D.	1.3,3,4,5,6,7,8
100-64-220	1	36,000	17.5	R-410A	208-230V	50	42.5-70	36,000	3/8" O.D.	1.3,3,4,5,6,7,8
100-64-211	1	36,000	17.5	R-410A	208-230V	50	42.5-70	36,000	3/8" O.D.	1.3,3,4,5,6,7,8
101-64-231	1	36,000	17.5	R-410A	208-230V	50	42.5-70	36,000	3/8" O.D.	1.3,3,4,5,6,7,8
101-64-125	2	36,000	17.5	R-410A	208-230V	50	42.5-70	36,000	3/8" O.D.	1.3,3,4,5,6,7,8
101-64-200	2	36,000	17.5	R-410A	208-230V	50	42.5-70	36,000	3/8" O.D.	1.3,3,4,5,6,7,8
101-64-140/160	2	36,000	17.5	R-410A	208-230V	50	42.5-70	36,000	3/8" O.D.	1.3,3,4,5,6,7,8

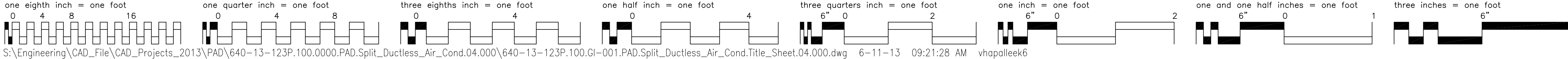
1. PROVIDE DISCONNECT SWITCH TO OUTDOOR UNIT.
2. PROVIDE CONDENSATE PUMP PACKAGED FROM ROOM UNIT.
3. PROVIDE NEW R410A REFRIGERANT.
4. WIRE POWER TO DISCONNECT SWITCH.
5. PROVIDE WIRING WALL MOUNTED TEMPERATURE CONTROLLER.
6. LOCATE CONDENSATE PUMP OUTSIDE.
7. PROVIDE NEW R410A REFRIGERANT.
8. PROVIDE NEW R410A REFRIGERANT AND COND. REFRIG. PANEL FOR OUTDOOR USE.

## PROJECT DRAWING INDEX

GI-001	VICINITY MAP, LOCATION MAPS, LEGEND, DRAWING INDEX, WORK SUMMARY, AND SCHEDULE
MP-101	HVAC CONSTRUCTION ON ROOF AND FOURTH FLOOR BLDG 100
MP-102	HVAC CONSTRUCTION ON ROOF AND FOURTH FLOOR BLDG 101
MP-601	CONCEPTUAL SPLIT DUCTLESS AIR CONDITIONING SYSTEM DIAGRAM AND CONTROL NETWORK DIAGRAM

## REFERENCE DRAWING INDEX

100-64-4.0	FOURTH FLOOR KEY PLAN, AIR HANDLING UNITS ZONING
100-64-4.1A	FOURTH FLOOR PLAN, AREA A - DUCTWORK
100-64-4.1C	FOURTH FLOOR PLAN, AREA C - DUCTWORK
100-64-4.2C	FOURTH FLOOR PLAN, AREA C - PIPING
100-64-5.1A	FIFTH FLOOR/ ROOF PLAN, AREA A - DUCTWORK
100-64-5.1C	FIFTH FLOOR/ ROOF PLAN, AREA C - DUCTWORK
101-64-4.1A	FOURTH FLOOR PLAN, AREA A - DUCTWORK
101-64-4.2A	FOURTH FLOOR PLAN, AREA A - PIPING
101-64-5.1A	FIFTH FLOOR/ ROOF PLAN, AREA A - DUCTWORK



Revisions	Date

CONSULTANTS:

ARCHITECT/ENGINEERS:

Drawing Title  
VICINITY MAP, SITE MAP, LOCATION MAP,  
DRAWING INDEX,  
LEGEND AND SCHEDULE

Approved Project Director  
LEE  
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE  
WARRICK PLANNING AND ENGINEERING

Location	Project Title
PALO ALTO	SPLIT DUCTLESS AIR CONDITIONING SYSTEMS FOR RESEARCH AREA 4TH FLOOR BUILDINGS 100 AND 101

Building Number	Drawing Number
100, 101	GI-001