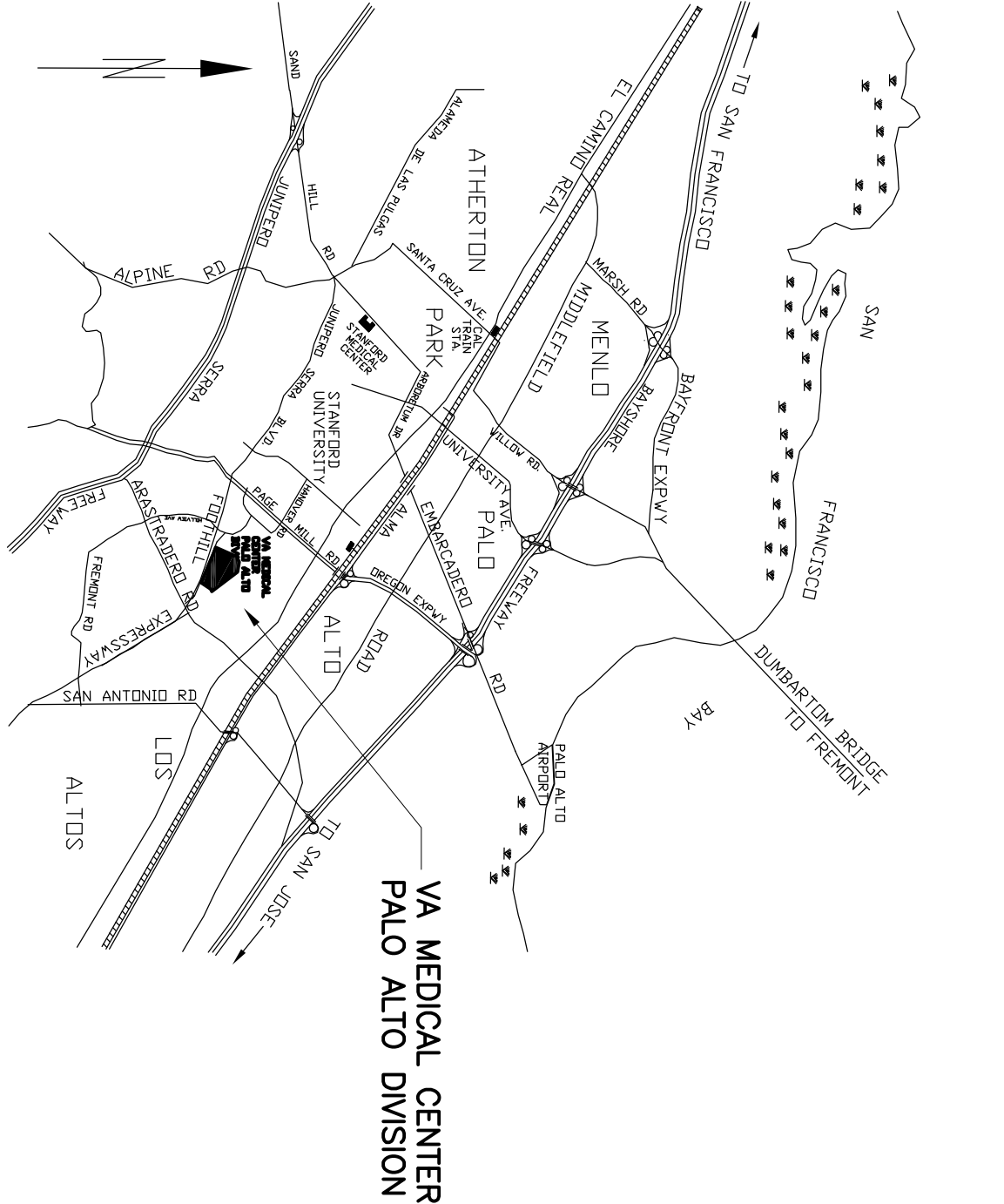




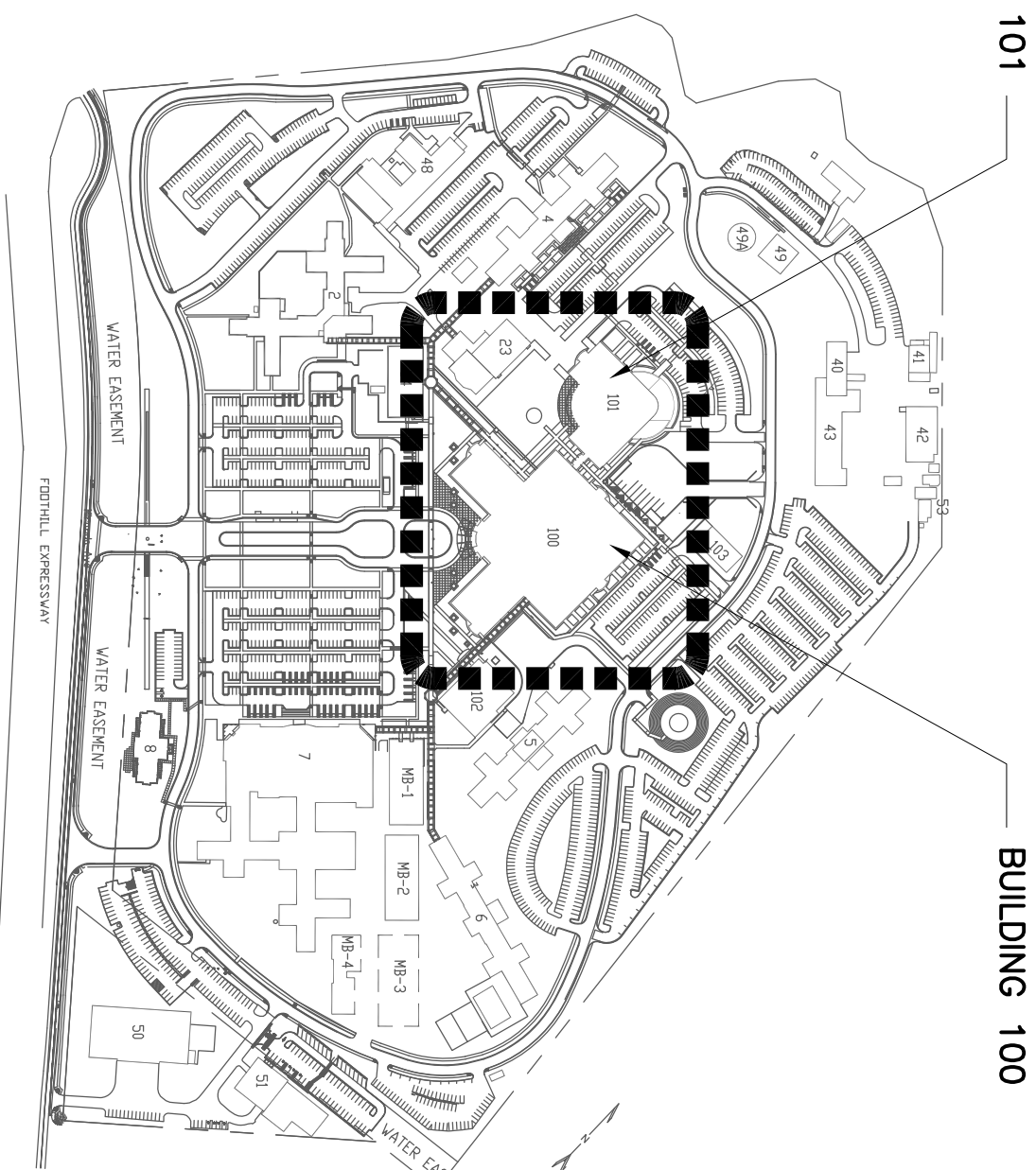
# SPLIT DUCTLESS AIR CONDITIONING SYSTEMS FOR RESEARCH AREA, FOURTH FLOOR OF BUILDINGS 100 AND 101 DEPARTMENT OF VETERANS AFFAIRS MEDICAL CENTER STATION 640, PALO ALTO, CALIFORNIA



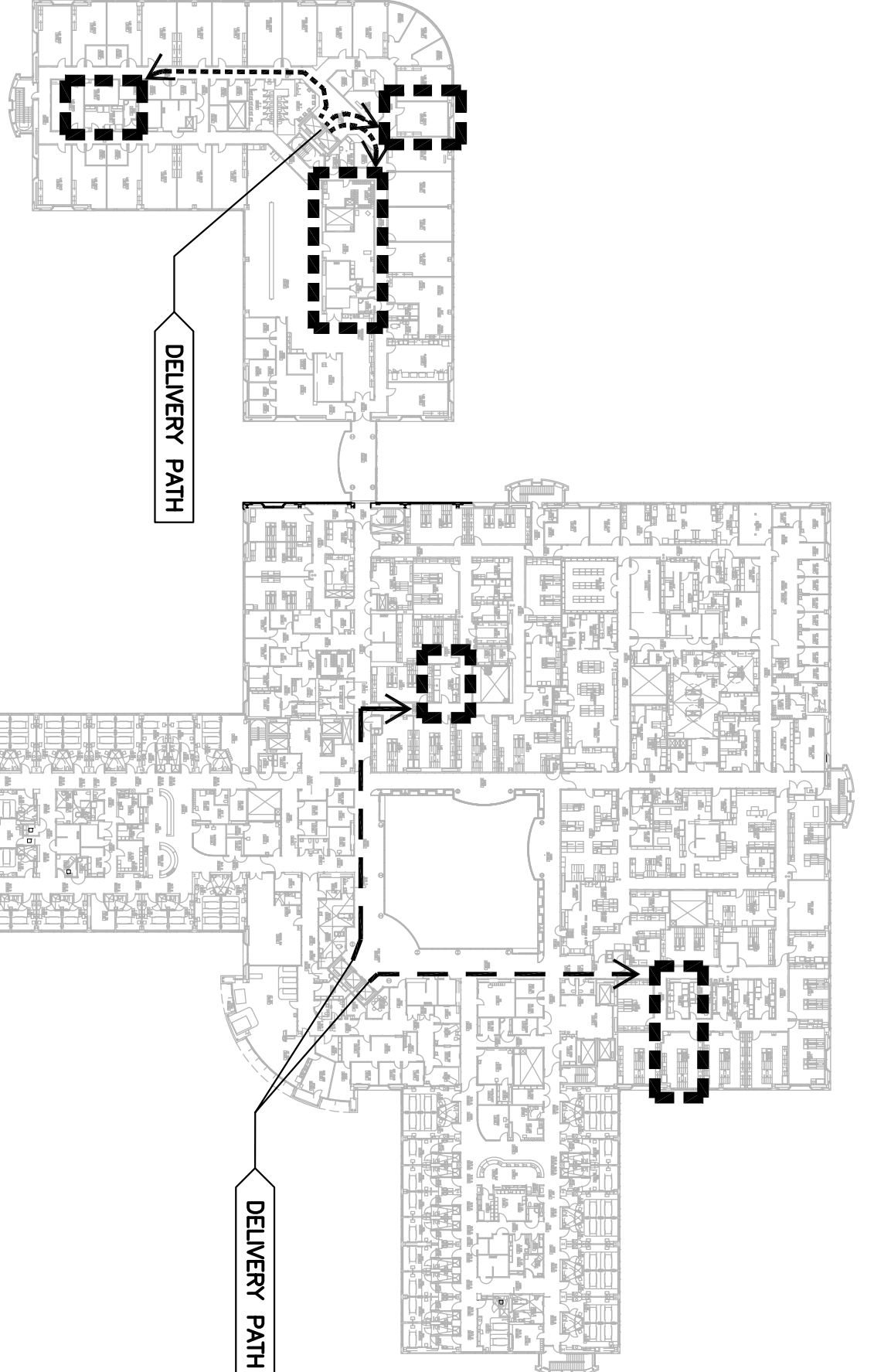
## MAPS



VICINITY MAP  
SCALE: NONE



SITE PLAN  
SCALE: NONE

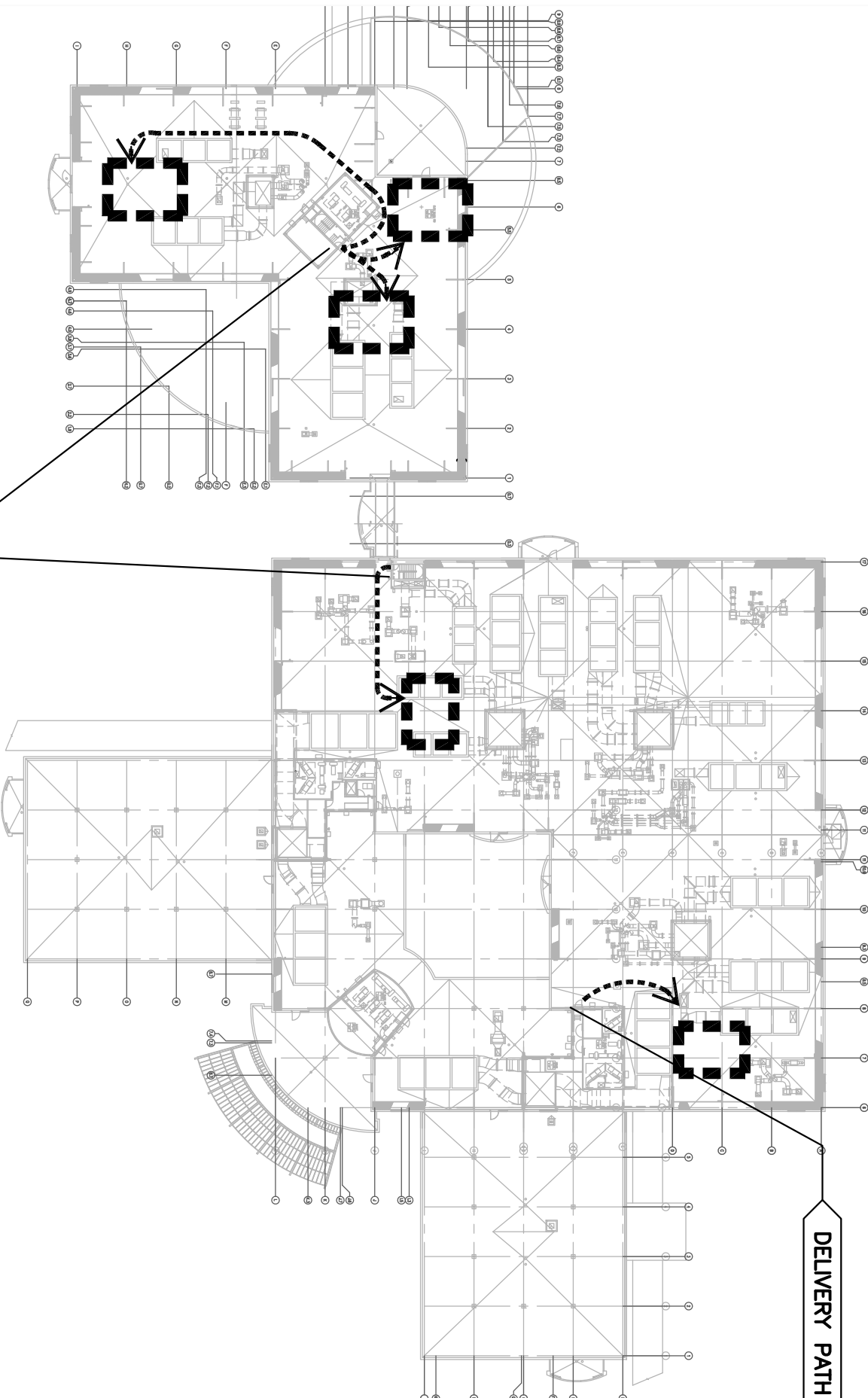


PAD-BLDG. 101 - FOURTH FLOOR PLAN

PAD-BLDG. 100 - FOURTH FLOOR PLAN

## FOURTH FLOOR LOCATION

SCALE: NONE



## ROOF LOCATION

SCALE: NONE

## LEGEND

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

—	DETAIL NUMBER	DETAIL TAG
—	DRAWING NUMBER	

⊙	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-FA-212, 100-FA-221, 100-FA-220, 101-AA-231, 101-B4-125, 101-B4-200, AND 101-C4-140/160), 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

BLDG/ROOM	QTY.	NOMINAL COOLING CAPACITY (BTU/Hr)	MIN. SEER	OUTDOOR UNIT TYPE	V/PH	MAX. FRIE AREA (A)	MIN. MAX. CAP (000)	NOMINAL COOLING CAPACITY (BTU/Hr)	LIQUID	PREF. CONNECTION	NOTES
100-FA-212	1	36,000	17.5	R-410A	208-230V	30	423-770	36,000	3/8" O.D.	1-1/4" O.D.	13.3, 4.6, 6.7
100-FA-220	1	36,000	17.5	R-410A	208-230V	30	423-770	36,000	3/8" O.D.	1-1/4" O.D.	13.3, 4.6, 6.7
100-FA-221	1	36,000	17.5	R-410A	208-230V	30	423-770	36,000	3/8" O.D.	1-1/4" O.D.	13.3, 4.6, 6.7
101-AA-231	1	36,000	17.5	R-410A	208-230V	30	423-770	36,000	3/8" O.D.	1-1/4" O.D.	13.3, 4.6, 6.7
101-B4-125	2	36,000	17.5	R-410A	208-230V	30	423-770	36,000	3/8" O.D.	1-1/4" O.D.	13.3, 4.6, 6.7
101-B4-200	2	36,000	17.5	R-410A	208-230V	30	423-770	36,000	3/8" O.D.	1-1/4" O.D.	13.3, 4.6, 6.7
101-C4-160/160	2	36,000	17.5	R-410A	208-230V	30	423-770	36,000	3/8" O.D.	1-1/4" O.D.	13.3, 4.6, 6.7

1. PROVIDE DISCONNECT SWITCH TO OUTDOOR UNIT.
2. PROVIDE CONDENSATE PUMP PIPING FROM INDOOR UNIT.
3. PROVIDE RAIN WATER DRAIN FROM INDOOR UNIT.
4. WIRE POWER TO DISCONNECT SWITCH.
5. PROVIDE WIRING WALL MOUNTED TEMPERATURE CONTROLLER.
6. LOCATE CONTROLLER UNIT OUTDOOR.
7. REMOVE STAIN, PAINT, AND/OR PROTECT.
8. PROVIDE NEW REBAR, STAINLESS STEEL TRANSFORMER AND ONCAUT REBARING PANEL, FOR OUTDOOR USE.

## REFERENCE DRAWING INDEX

100-H2.4.0 100-H2.4.1A 100-H2.4.1B 100-H2.4.1C 100-H2.4.2C 100-H2.5.1A 100-H2.5.1C	FOURTH FLOOR KEY PLAN, AIR HANDLING UNITS ZONING FOURTH FLOOR PLAN, AREA A - DUCTWORK FOURTH FLOOR PLAN, AREA C - DUCTWORK FOURTH FLOOR PLAN, AREA C - PIPING FIFTH FLOOR/ ROOF PLAN, AREA A - DUCTWORK FIFTH FLOOR/ ROOF PLAN, AREA C - DUCTWORK
101-H2.4.1A 101-H2.4.2A 101-H2.5.1A	FOURTH FLOOR PLAN, AREA A - DUCTWORK FOURTH FLOOR PLAN, AREA A - PIPING FIFTH FLOOR/ ROOF PLAN, AREA A - DUCTWORK

## 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

CONSULTANTS:

ARCHITECT/ENGINEERS:

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

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

Project Number  
640-8-123P  
Building Number  
100, 101  
Drawing Number  
GI-001  
Dwg 1 of 4

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and Facilities  
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Veterans Affairs