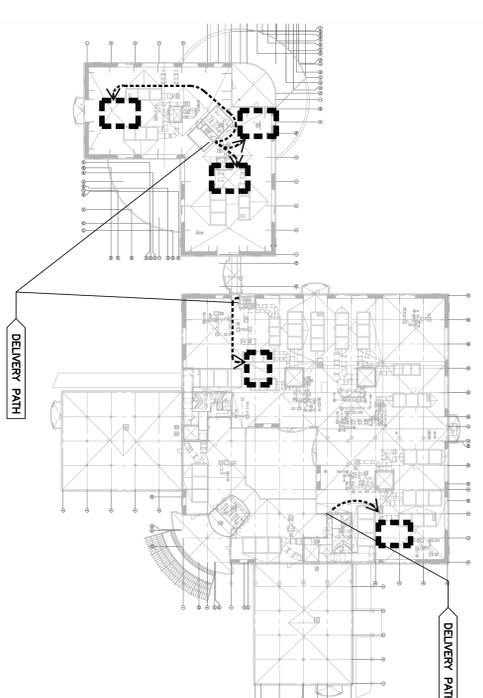
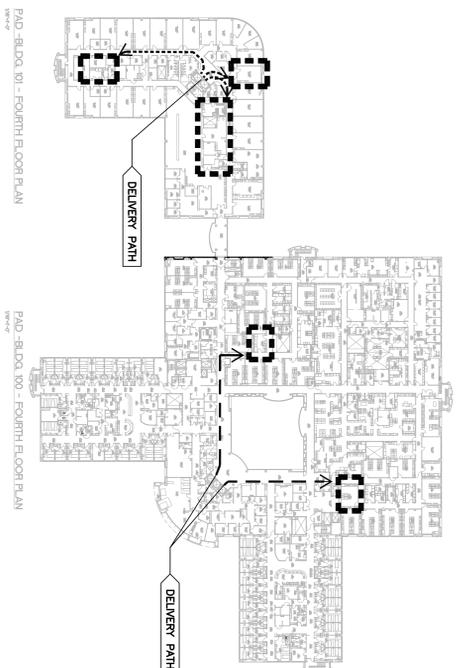
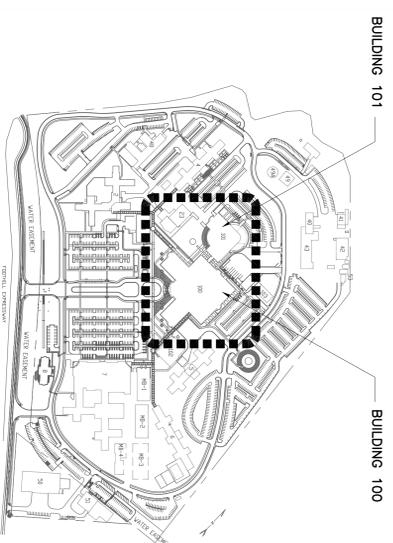
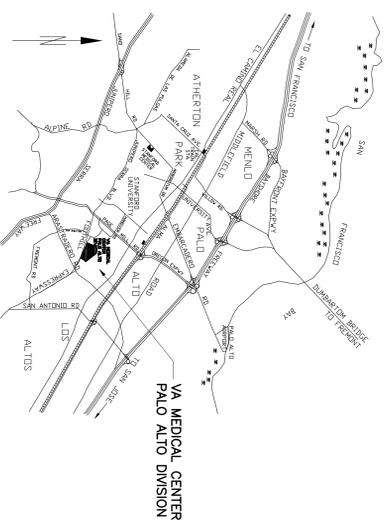




SPLIT DUCTLESS AIR CONDITIONING SYSTEMS FOR RESEARCH AREA, FOURTH FLOOR OF BUILDINGS 100 AND 101 DEPARTMENT OF VETERANS AFFAIRS MEDICAL CENTER STATION 640, PALO ALTO, CALIFORNIA



MAPS



LEGEND

- AHU AIR HANDLING UNIT
- CPFD CONDENSATE TRANSFER PUMP DISCHARGE
- RHG REFRIGERANT GAS
- RL REFRIGERANT LIQUID
- E ELECTRICAL WIRING
- BAS/MS BUILDING AUTOMATION/MANAGEMENT SYSTEM

- DETAIL NUMBER
- DRAWING NUMBER
- DETAIL TAG

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

PROJECT DRAWING INDEX

GI-001	VICINITY MAP, LOCATION MAPS, LEGEND, DRAWING INDEX, WORK SUMMARY, AND SCHEDULE
MP-101	HAAC CONSTRUCTION ON ROOF AND FOURTH FLOOR BLDG 100
MP-102	HAAC 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-H2.4.0	FOURTH FLOOR KEY PLAN, AIR HANDLING UNITS ZONING
100-H2.4.1A	FOURTH FLOOR PLAN, AREA A - DUCTWORK
100-H2.4.1C	FOURTH FLOOR PLAN, AREA C - DUCTWORK
100-H2.4.2C	FOURTH FLOOR PLAN, AREA C - PIPING
100-H2.5.1A	FIFTH FLOOR/ ROOF PLAN, AREA A - DUCTWORK
100-H2.5.1C	FIFTH FLOOR/ ROOF PLAN, AREA C - DUCTWORK
101-H2.4.1A	FOURTH FLOOR PLAN, AREA A - DUCTWORK
101-H2.4.2A	FOURTH FLOOR PLAN, AREA A - PIPING
101-H2.5.1A	FIFTH FLOOR/ ROOF PLAN, AREA A - DUCTWORK

WORK SUMMARY

PROVIDE NEW SPLIT DUCTLESS AIR CONDITIONING SYSTEMS FOR RESEARCH AREAS (100-640.212, 100-640.211, 100-640.220, 100-640.221, 100-640.125, 100-640.200, AND 100-640-100/100), FOURTH FLOOR AT BUILDINGS 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	VAR.	MAX. RISE (FT)	MIN. MAX. NOMINAL COOLING CAPACITY (BTU/Hr)	LIQUID PIPE CONNECTION	NOTES
100-640.212	1	36,000	17.5	R-410A	208-230V	50	42,570	5/8" O.D.	1.2,3,4,5,6,7,8
100-640.220	1	36,000	17.5	R-410A	208-230V	50	42,570	5/8" O.D.	1.2,3,4,5,6,7,8
100-640.221	1	36,000	17.5	R-410A	208-230V	50	42,570	5/8" O.D.	1.2,3,4,5,6,7,8
100-640.231	1	36,000	17.5	R-410A	208-230V	50	42,570	5/8" O.D.	1.2,3,4,5,6,7,8
100-640.125	2	36,000	17.5	R-410A	208-230V	50	42,570	5/8" O.D.	1.2,3,4,5,6,7,8
100-640.200	2	36,000	17.5	R-410A	208-230V	50	42,570	5/8" O.D.	1.2,3,4,5,6,7,8
100-640.100/100	2	36,000	17.5	R-410A	208-230V	50	42,570	5/8" O.D.	1.2,3,4,5,6,7,8

1. PROVIDE DISCONNECT SWITCH TO OUTDOOR UNIT.
2. PROVIDE DISCONNECT SWITCH TO OUTDOOR UNIT.
3. PROVIDE DISCONNECT SWITCH TO OUTDOOR UNIT.
4. WIRE POWER TO DISCONNECT SWITCH.
5. PROVIDE WIREBUSH, MOUNTED THERMOPHORE TIME CONTROLLER.
6. LOCATE CONDENSATE DRAIN.
7. PROVIDE CONDENSATE DRAIN TO OUTDOOR UNIT.
8. PROVIDE NEW 1/2" DIA. 3/4" X 1/2" TRANSPIRANT AND COND. RESISTANT PANEL FOR OUTDOOR USE.

ARCHITECT/ENGINEERS:

CONSULTANTS:

Revision	Date

PROJECT TITLE
SPLIT DUCTLESS AIR CONDITIONING SYSTEMS FOR RESEARCH AREA, FOURTH FLOOR BUILDINGS 100 AND 101

LOCATION
PALO ALTO

DATE
2008/05/17

PROJECT NUMBER
640-8-828P

BUILDING NUMBER
100, 01

DRAWING NUMBER
GI-001

DATE
2008/05/17

DRWG 1 of 4

Office of Construction and Facilities Management
Department of Veterans Affairs