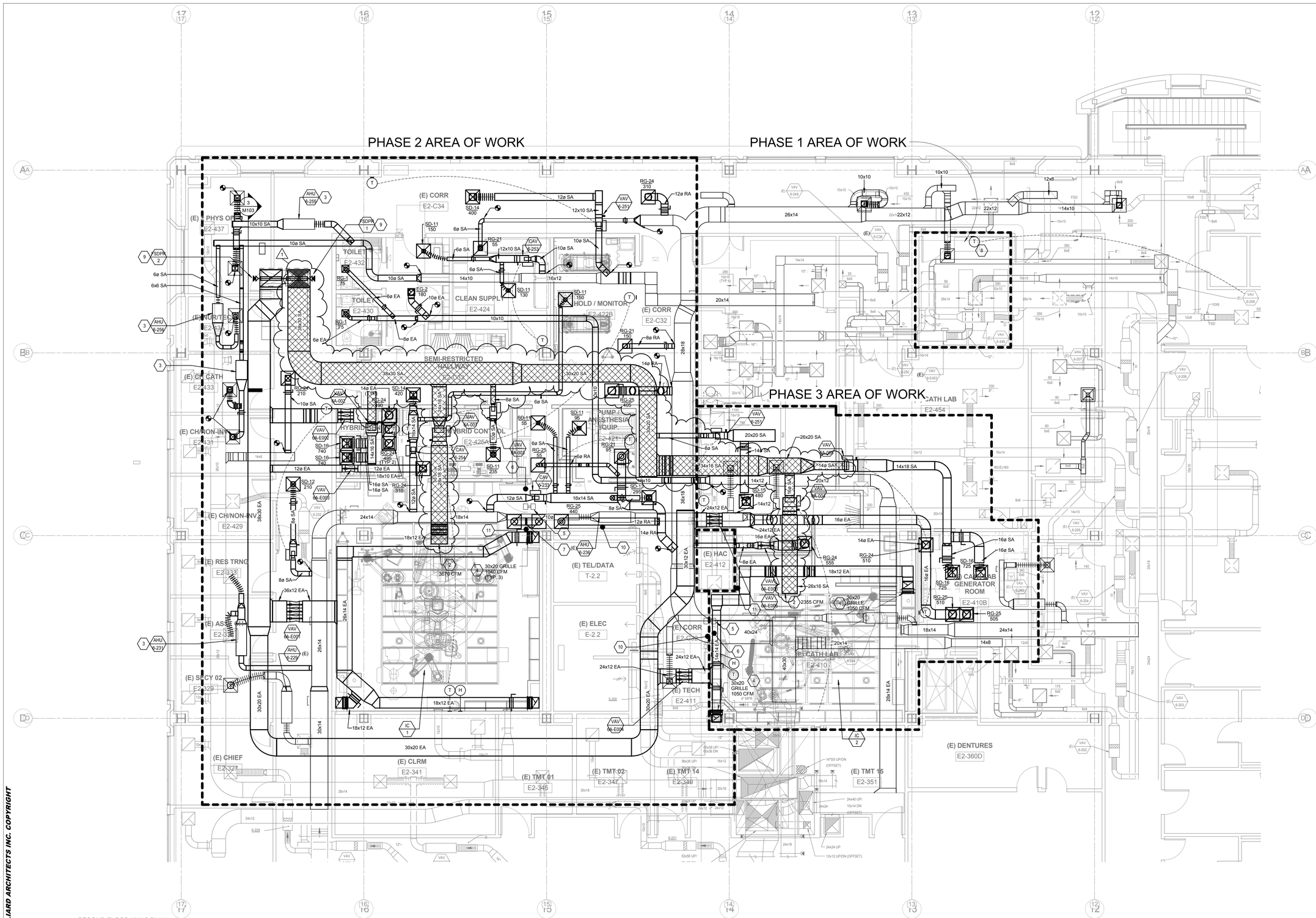


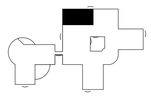
1 SECOND FLOOR HVAC PLAN
3/16" = 1'-0"

KEY NOTES:

1. (N) 38x30 SA AND 38x30 EA DUCTWORK ENCLOSED IN (N) RATED SHAFT, MIN 80x36 ID CLEAR, UP. REFER TO ARCHITECTURAL PLANS.
2. CONNECT DUCT TO INTEGRATED CEILING PER MANUFACTURER'S REQUIREMENTS. TRANSITION AS REQUIRED.
3. (E) TU RELOCATED. SEE MD-102.
4. BOTTOM OF GRILLE 7" AFF.
5. SPACE PRESSURE DIFFERENTIAL SENSOR.
6. "BALL-IN-THE-WALL" FOR AIRFLOW DIRECTION VISUAL VERIFICATION. INSTALL PER MANUFACTURER'S RECOMMENDATION.
7. BACKDRAFT DAMPER TO ENSURE POSITIVE AIRFLOW ONLY. VOLUME DAMPER FOR CONTROLLABILITY.
8. RELOCATED (E) THERMOSTAT SERVING VAV 6-208.
9. FSD SLEEVE EXTENDS TO 3RD FLOOR. SEE M103 FOR ACCESS TO FSD'S.
10. SPACE PRESSURE DIFFERENTIAL MONITOR.
11. SPACE PRESSURE DIFFERENTIAL CONTROLLER.

SHEET NOTES:

1. FIELD VERIFY (E) CONDITIONS PRIOR TO COMMENCEMENT OF WORK. NOTIFY ENGINEER OF ANY DISCREPANCIES.
2. THE CONTRACTOR SHALL COORDINATE WITH VA FACILITY ENGINEER/ VA OFFICIAL REPRESENTATIVE TO GET NECESSARY PERMIT TO ISOLATE (E) FUNCTIONAL MECHANICAL SERVICES PRIOR TO COMMENCEMENT OF ANY NEW WORK INDICATED ON THIS DRAWING.
3. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT ALL (E) BUILDING SERVICES, (E) BUILDING STRUCTURE & ARCHITECTURAL ELEMENTS ETC. DURING THE ENTIRE PERIOD OF CONSTRUCTION.
4. LOCATIONS OF EXISTING EQUIPMENT, DUCTWORK, PIPING ETC. ARE APPROXIMATE AND ARE INDICATED FOR REFERENCE ONLY. THIS CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY AND COORDINATE EXACT LOCATIONS AND ELEVATIONS IN THE FIELD.
5. COORDINATE WITH GENERAL CONTRACTOR FOR ANY FLOOR/CEILING/WALL/ROOF PENETRATION OR CORE DRILLING WORK, INCLUDING ANY WORK IN THE RISER SHAFT SPACE ETC. NO WORK SHALL BE PERFORMED WITH OUT APPROVAL FROM VA OFFCIALS/VA FACILITY ENGINEER/GENERAL CONTRACTOR.
6. COORDINATE WITH G.C. FOR CEILING ACCESS TO CARRY OUT ALL MECHANICAL/PLUMBING WORK. COORDINATE WITH G.C. TO PROVIDE ALL NEW CEILING ACCESS PANELS THAT ARE NECESSARY FOR THE MAINTENANCE & SERVICE OF THE NEW MECHANICAL EQUIPMENT AS RECOMMENDED BY THE EQUIPMENT MANUFACTURERS.
7. COORDINATE EXACT LOCATIONS OF THERMOSTAT WITH THE ARCHITECT BEFORE INSTALLATION.
8. COORDINATE WITH GENERAL CONTRACTOR TO PROVIDE CEILING ACCESS PANELS TO ACCESS ALL VOLUME AND MOTORIZED DAMPERS LOCATED OVER NON- ACCESSIBLE CEILING.
9. PROVIDE REMOTE OPERATOR DAMPER WHERE CEILING IS NON-ACCESSIBLE.
10. PROVIDE TRANSITIONAL DUCTWORK WHERE EVER REQUIRED TO CONNECT TO DUCT SIZES SHOWN IN THE PLAN.
11. LOCATIONS OF NEW EQUIPMENT, DUCTWORK, PIPING ETC. ARE APPROXIMATE. CONTRACTOR SHALL INCLUDE IN HIS BID ALL REQUIRED OFFSETS, TRANSITIONS, FITTINGS ETC. THAT ARE REQUIRED TO ROUTE THE NEW DUCTWORK AND PIPING TO AVOID CONFLICTS WITH (E) BUILDING STRUCTURE AND OTHER BUILDING SERVICES.
12. TAB CONTRACTOR TO REBALANCE ALL TERMINAL BOXES, VOLUME DAMPERS, AND ASSOCIATED DIFFUSERS SERVED BY AHU-6



KEY PLAN

FINAL BID DOCUMENTS

HILLIARD ARCHITECTS INC. COPYRIGHT

AMENDMENT 1	**09.05.2014**
Revisions:	Date

CONSULTANTS:

SYSKA HENNESSY GROUP
A member company of SH Group, Inc.

Syska Hennessy Group, Inc.
425 California Street
Suite 700
San Francisco, CA 94104
Tel: 415.288.9060
Fax: 415.835.0385
www.syska.com

REGISTERED PROFESSIONAL ENGINEER
JOSE HERRERA
No. M31241
Exp.Dec.31,2015
MECHANICAL
STATE OF CALIFORNIA

ARCHITECT/ENGINEERS:

ESTABLISHED 1988 HILLIARD ARCHITECTS GOING GREEN

HILLIARD ARCHITECTS, INC
251 Post Street, Suite 620
San Francisco, CA 94108-5017
Tel 415 989 6400, Fax 415 989 3056
www.HilliardArchitects.com

Drawing Title
PARTIAL SECOND FLOOR HVAC PLAN

Approved: Project Director

Project Title
VA PALO ALTO B-100 CATH LAB RENOVATION AND HYBRID OR

Location
VAPAHCS - PALO ALTO CAMPUS
3801 MIRANDA AVE, PALO ALTO, CA 94304

Date **08.22.2014** | Checked **OR** | Drawn **RB**

Project Number **640-13-134**
Building Number **100**
Drawing Number **M102**
Dwg. of

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231