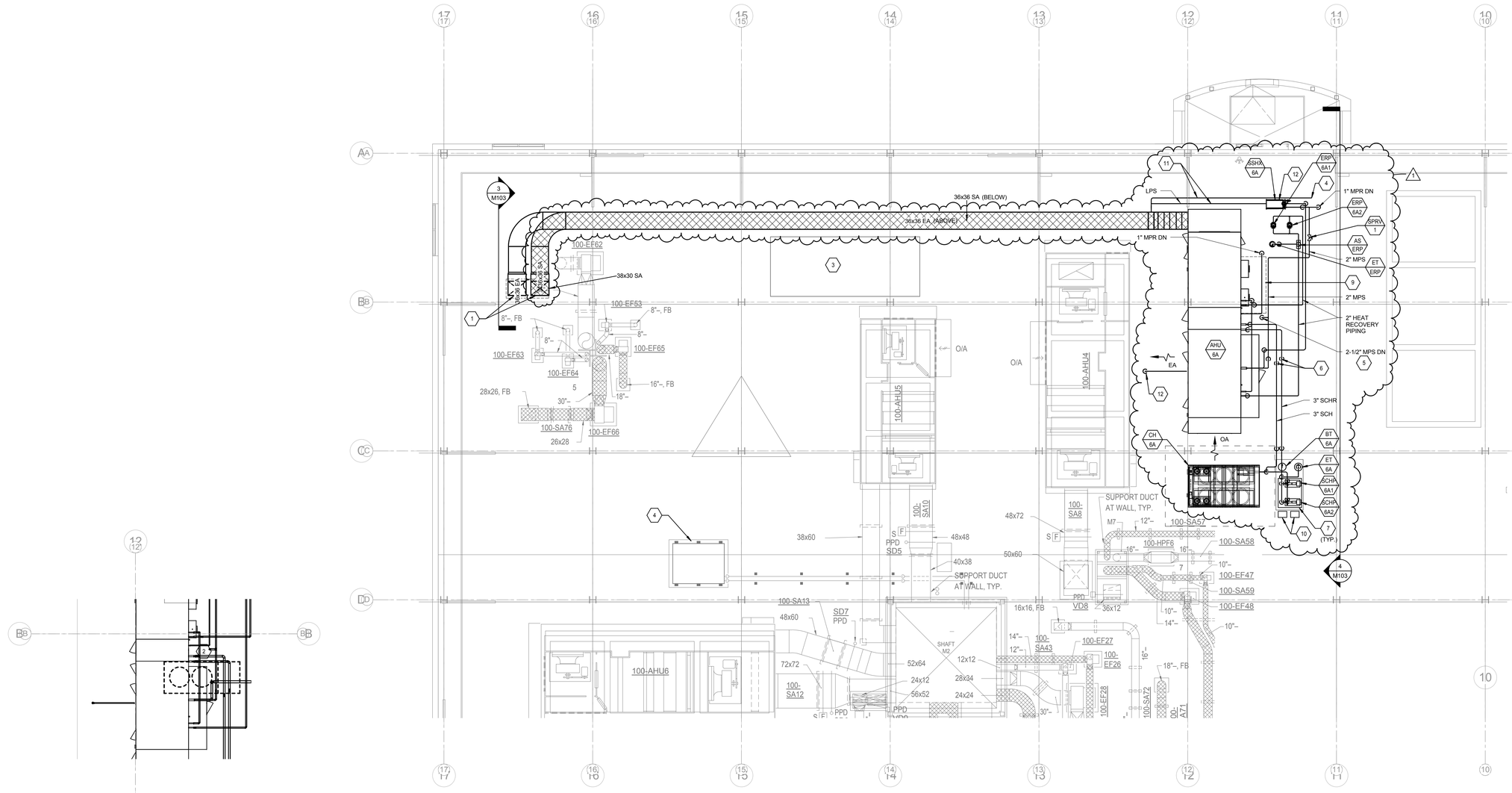


2 PARTIAL ROOF HVAC DEMO PLAN (FOR REFERENCE ONLY)
1/8" = 1'-0"

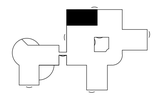
1 ROOF HVAC PLAN
1/8" = 1'-0"

KEY NOTES:

1. (N) SA AND (N) EA DUCTWORK ENCLOSED IN (N) RATED SHAFT, MIN 88X36 ID CLEAR. PROVIDE ARCHITECTURAL DOGHOUSE. REFER TO ARCHITECTURAL PLANS.
2. (E) CONDENSING UNIT. TO BE RELOCATED NIC. CONFIRM WITH VA.
3. (E) TRAILER.
4. (N) MPR DOWN.
5. (N) STEAM PIPING UP FROM 4TH FLOOR.
6. (N) SCH AND SCHR UP FROM 4TH FLOOR. LOCATED INSIDE VESTIBULE. SEE DETAIL 2/601 FOR BACK-UP SCH CONNECTION.
7. CONFIRM LOCATION WITH VA.
8. NOT USED.
9. PROVIDE ELECTRICAL CLEARANCE BY CODE, 36" DEPTH.
10. VFD. SERVING SCHP-1 AND SCHP-2
11. SIZE PER MANUFACTURER'S RECOMMENDATION.
12. ONDS TO (E)CCD ON ROOF. REFER TO PLUMBING DRAWINGS.

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. PROVIDE TRANSITIONAL DUCTWORK WHERE EVER REQUIRED TO CONNECT TO DUCT SIZES SHOWN IN THE PLAN.
7. 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.
8. ALL DUCTWORK RUNNING EXPOSED ON THE ROOF SHALL BE SUPPORTED PER MECHANICAL DETAIL AS APPLICABLE.
9. PROVIDE CONDENSATE DRAIN PIPING FOR ALL THE AIR HANDLING UNITS PER MECHANICAL DETAIL.
10. PROVIDE PUMPS WITH VIBRATION ISOLATION BASE PER DETAIL 1/M501 ON HOUSEKEEPING PAD.
11. CHILLER SHALL BE MOUNTED ON 2" DEFLECTION SPRING ISOLATORS ATTACHED TO CONCRETE PADS.
12. AHU SHALL BE MOUNTED TO ROOF PER DETAIL 8/M502.
13. PROVIDE HOUSEKEEPING PAD FOR ALL PUMPS AND HYDRONIC SPECIALTIES.
14. PROVIDE MAINTENANCE ACCESS ABOVE DUCT AS REQUIRED.
15. SSHX-6A SHALL BE MOUNTED ON HOUSE KEEPING PAD.



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 ROOF 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: **Checker** | Drawn: **Author**

Project Number: **640-13-134**

Building Number: **100**

Drawing Number: **M105**

Dwg. of

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231