1 PARTIAL ROOF PLUMBING PLAN
1/8" = 1'-0"

KEY NOTES:

1. 3/4" CW UP THRU ROOF, PROVIDE RPZ BACKFLOW PREVENTER ASSEMBLY WITH SUPPORTS ON ROOF & EXTEND TO CONDENSATE COOLER AND CONNECT AS REQUIRED. PROVIDE AIR GAP FITTING AND 2" DRAIN TO NEAREST ROOF DRAIN.
2. 1 1/4" CW UP THRU ROOF, PROVIDE RPZ BACKFLOW PREVENTER ASSEMBLY WITH SUPPORTS ONB ROOF & EXTEND TO NEW WATER SOFTENER MOUNTED ON ROOF AND CONNECT AS REQUIRED. PROVIDE AIR GAP FITTING AND 2" DRAIN TO NEAREST ROOF DRAIN.
3. EXISTING ROOF DRAINS NEXT EXISTING RTU TO REMAIN. CONDENSATE FROM NEW RTU TO BE EXTENDED TO EXISTING ROOF DRAINS BY MECHANICAL CONTRACTOR. DRAINS FROM ROOF MOUNTED RPZ'S & WATER SOFTENER TO BE EXTENDED TO EXISTING ROOF DRAINS BY PLUMBING CONTRACTOR.
4. NEW WATER SOFTENER, MOUNT ON PAD ON ROOF & SECURE TO STRUCTURAL FRAME ATTACHED TO PAD & MOUNT RESIN TANK HEAD COVER SECURELY TO FRAME. CONNECT CW SUPPLY AND INTERCONNECT TANKS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. EXTEND DISCHARGE OF WATER SOFTENER TO NEW HUMIDIFIER AND CONNECT AS REQUIRED. EXTEND DRAIN FROM SYSTEM TO NEAREST ROOF DRAIN. COORDINATE EXACT LOCATIONS AND CONNECTION POINTS WITH MECHANICAL CONTRACTOR.
5. EXISTING VENT THROUGH ROOF TO REMAIN. VENT IS GREATER THAN 25' FROM OUTSIDE AIR INTAKES OF NEW AND EXISTING RTU'S
6. EXSITING SANITARY VENTS THROUGH THE ROOF. VENTS TO BE RELOCATED IN CEILING BELOW TO NEW LOCATION ADJACENT TO EXHAUST FAN DISCHARGES AS REQUIRED TO BE GREATER THAN 25' FROM OUTSIDE AIR INTAKES. COORDINATE ROUTING OF VENT PIPING IN CEILING BELOW WITH EXISTING PIPING & OTHER TRADES. COORDINATE NEW ROOF VENT PENETRATIONS WITH EXISTING EXHAUST FANS.
7. MAINTAIN EXISTING CLEARANCE IN FRONT OF FIRE PROTECTION ROOF MANIFOLD.

SHEET NOTES:

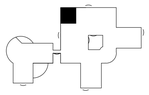
1. CONSTRUCTION TO BE PERFORMED IN PHASES. COORDINATE ALL WORK WITH G.C. TO PERFORMED IN CORRECT PHASE AND TO ALLOW FOR CONTINUATION OF SERVICES IN NON-CONSTRUCTION AREAS AS REQUIRED.

2. ALL SHUT-DOWNS AND CHNAGE-OVERS SHALL BE PERFORMED DURING PREMIUM TIME HOURS AS DIRECTED BY THE OWNER TO MINIMIZE DONWTIME AND DISRUPTION TO FACILITY SERVICES TO OTHER NON-CONSTRUCTION AREAS. COORDINATE ALL SHUT-DOWNS AND CHANGE-OVERS WITH OWNER/G.C.

3. ALL REMOVED FIXTURES OR EQUIPMENT AND ASSOCIATED PIPING, HANGER, INSULATION, SUPPORTS, ETC. SHALL REMOVED FROM SITE. CAP ALL UNUSED SERVICES AT NEAREST ACTIVE MAINS OR BRANCH LINES AS CLOSELY AS POSSIBLE TO ELIMINATE ALL DEAD END PIPING.

4. COORDINATE ROUTING OF ALL PIPING WITH NEW AND EXISTING STRUCTURAL CONDITIONS AND WITH OTHER TRADES WORK, BOTH NEW AND EXISTING.

5. ALL RISERS SERVING OTHER FLOORS SHALL REMAIN ACTIVE. RISERS PASSING THROUGH AREAS OF WORK SHALL BE REROUTED AS REQUIRED TO PROVIDE CONTINUED SERVICE WITH AS LITTLE DISRUPTION AS POSSIBLE. COORDINATE EXACT LOCATION OF REROUTED RISERS IN FIELD WITH G.C. AND INSTALL ALL NEW PIPING FOR PREPARATION OF CHANGE-OVER RPIOR TO ANY DISCONNECTION OF SERVICES. CHANGE-OVER SHALL BE AS DIRECTED BY THE OWNER TO MINIMIZE DISRUPTION TO OTHER AREAS OF THE FACILITY.



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 PLUMBING PLAN

Approved: Project Director

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

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

Date	Checked	Drawn
08.22.14	**JH**	**RPD**

Project Number
640-13-134

Building Number
100

Drawing Number
P105

Dwg. of

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231