

**GENERAL NOTES:** 

1. PERFORM WORK IN ACCORDANCE WITH ALL APPLICABLE CODES AND

2. REVIEW EQUIPMENT LOCATIONS WITH CONSULTANT PRIOR TO INSTALLATION.

3. EQUIPMENT LOCATIONS, DUCT AND PIPE ROUTING INDICATED ON THE DRAWINGS IS APPROXIMATE ONLY. CONFIRM IN THE FIELD. REROUTE DUCTWORK AND PIPING AS REQUIRED TO ELIMINATE FIELD INTERFERENCES, WITH BUILDING STRUCTURES, ELECTRICAL, ETC.. CONFIRM CHANGES WITH CONSULTANT. CO-ORDINATE WORK WITH ALL SUBTRADES. WHERE DIMENSIONS ARE INDICATED FOR PIPING, DUCTWORK, DUCT SIZES, EQUIPMENT SIZES, ETC. THESE ARE FOR BIDDING PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO ORDERING EQUIPMENT AND COMMENCING INSTALLATION WITHOUT EXTRA CHARGES TO THE PROJECT. THE CONTRACTOR IS RESPONSIBLE TO ENSURE ALL EQUIPMENT, DUCTWORK AND PIPING FITS IN THE SPACE AVAILABLE AND TO MAINTAIN THE GENERAL DESIGN INTENT FOR THE SYSTEMS.

. 4. CONFORM TO SMACNA STANDARDS FOR SUPPLY AND INSTALLATION OF

5. SEAL ALL WALL AND ROOF PENETRATIONS AND DUCTWORK WATER AND AIR

6. PROVIDE ALL WALL AND ROOF PENETRATIONS AND CURBS.

7. DESIGN, SUPPLY, AND INSTALL NATURAL GAS PIPING TO NEW ROOFTOP UNITS (RTU-1 AND RTU-2) AS PER CAN/CGA B149.1-M95.

8. ALL NEW AND MODIFIED EXPOSED DUCTWORK SHALL BE PAINTED AS PER INTERIOR DESIGNER'S INSTRUCTIONS.

9. CONTACT STRUCTURAL CONSULTANT TO CONFIRM ROOF PENETRATIONS LOCATIONS PRIOR TO CUTTING ROOF. SEAL ROOF PENETRATIONS WATER AND AIR TIGHT.

## KEY NOTES:

- SUPPLY AND INSTALL NEW ROOFTOP UNIT RTU-1 AND ASSOCIATED DUCTWORK AND GRILLES. PROVIDE PERIMETER ROOF CURB, 7-DAY PROGRAMMABLE TIMECLOCK, NATURAL GAS CONNECTIONS AND ROOF PENETRATIONS. MAINTAIN MANUFACTURER'S REQUIRED EQUIPMENT CLEARANCES AS INDICATED. CONNECT TO DUCTWORK AND GAS PIPING USING FLEXIBLE CONNECTIONS.
- 2 SUPPLY AND INSTALL NEW ROOFTOP UNIT RTU-2 AND ASSOCIATED DUCTWORK AND GRILLES. PROVIDE PERIMETER ROOF CURB, 7-DAY PROGRAMMABLE TIMECLOCK, NATURAL GAS CONNECTIONS AND ROOF PENETRATIONS. MAINTAIN MANUFACTURER'S REQUIRED EQUIPMENT CLEARANCES AS INDICATED. CONNECT TO DUCTWORK AND GAS PIPING USING FLEXIBLE CONNECTIONS.
- PROVIDE AND INSTALL NEW WASHROOM EXHAUST FAN EF-4 AND ASSOCIATED DUCTWORK AND GRILLES. PROVIDE ROOF CURB AND ROOF PENETRATIONS. CONNECT TO DUCTWORK USING FLEXIBLE CONNECTIONS. CONFIRM EXHAUST FAN LOCATION MAINTAINS MINIMUM 5'-0" CLEARANCE FROM EDGE OF ROOF.
- REMOVE EXISTING ROOFTOP DISHWASHER EXHAUST FAN. SUPPLY AND INSTALL NEW DISHWASHER EXHAUST FAN AND ASSOCIATED DUCTWORK AND GRILLES. PROVIDE ROOF CURB. RETAIN EXISTING ROOF PENETRATION FOR NEW DUCTWORK, CONNECT TO DUCTWORK USING FLEXIBLE CONNECTIONS.
- (5) REMOVE EXISTING ROOFTOP GREASE EXHAUST FAN AND ASSOCIATED DUCTWORK AND GREASE HOOD IN KITCHEN. SUPPLY AND INSTALL NEW GREASE EXHAUST FAN AND ASSOCIATED DUCTWORK AND RANGE HOOD. PROVIDE ROOF CURB, GREASE BOX AND HINGE KIT. RETAIN EXISTING ROOF PENETRATION FOR NEW DUCTWORK, CONNECT TO NEW RANGE HOOD RH-1 IN KITCHEN. PROVIDE AND INSTALL GREASE DUCT COMPLETE WITH ACCESS DOORS TO MEET NFPA 96. CONFIRM EXHAUST FAN LOCATION MAINTAINS MINIMUM 5'-0" CLEARANCE FROM EDGE OF ROOF.

THIS DRAWING MUST NOT BE SCALED.

REVISED/ ISSUED/ PLOTTED

THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS, DATUMS, AND LEVELS PRIOR TO COMMENCEMENT OF WORK. ALL ERRORS AND OMISSIONS TO BE REPORTED TO NUMBER TEN ARCHITECTURAL GROUP BEFORE PROCEEDING. variations and modifications to work shown on these drawings shall not be carried out without written permission of number ten architectural group. I STANKING IS THE EXCLUSIVE PROPERTY OF NUMBER TEN ARCHITECTURAL GROUP AND THE COPYRIGHT IN THE SAME BEING RESERVED TO THEM. IT MAY BE REPRODUCED ONLY WITH THE PERMISSION OF NUMBER TEN ARCHITECTURAL GROUP, IN WHICH CASE THE REPRODUCTION MUST BEAR THEIR NAME.

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<u>LEGEND:</u>

NEW EQUIPMENT OR DUCTWORK EXISTING EQUIPMENT OR

DUCTWORK ROOFTOP UNIT

EXHAUST FAN SUPPLY AIR

EXHAUST AIR

SCALE VERIFIED BY: @MW

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**PEGUIS PAVILION UPGRADES & ENTRY ADDITION** BIDDING #913-2011

architecture = interior design = graphic design

ROOFTOP PLAN HVAC - NEW

## KGS GROUP | CONSULTING ENGINEERS



