

**GENERAL DEMO NOTES**

- REFER TO FACILITY'S INFECTION CONTROL AND RISK ASSESSMENT (ICRA) FOR ADDITIONAL REQUIREMENTS. ALL WORK SHALL BE SCHEDULED AND COORDINATED JOINTLY WITH ERIE VAMC. A DETAILED JOB TIMELINE SHALL BE ESTABLISHED AND SUBMITTED FOR REVIEW.
- REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL DEMOLITION REQUIREMENTS. REFER TO SHEET 01-A002 FOR PRE-CONSTRUCTION RISK ASSESSMENT (PCRA).
- COORDINATE PHASING, NECESSARY SHUTDOWNS AND PRESSURE CONTAINMENT REQUIREMENTS WITH ARCHITECTURAL PHASING PLAN.
- PHYSICALLY ISOLATE HVAC SYSTEM IN THE AREA WHERE THE RENOVATION WORK IS BEING PERFORMED, I.E. REMOVE AND CAP DUCTWORK LEADING TO ADJACENT PORTIONS OF THE BUILDING.
- MAINTAIN NEGATIVE AIR PRESSURE WITHIN THE CONSTRUCTION AREA UTILIZING HIGH EFFICIENCY PARTICULATE AREA (HEPA) MACHINES.
- RECORD EXISTING SUPPLY AND EXHAUST AIR FLOWS ASSOCIATED WITH AHU-1HRU-1 PRIOR TO DEMOLITION. UPON COMPLETION OF NEW WORK BALANCE AIR FLOW TO VALUES SHOWN ON "HVAC PLAN" ON THIS SHEET.
- CONTRACTOR TO CLEAN THE ENTIRE PORTION OF EXISTING TO REMAIN DUCTWORK CONNECTED TO AHU-1HRU-1. DUCT SYSTEMS SHALL BE CLEANED IN ACCORDANCE WITH NADCA STANDARDS.

**DEMO KEYNOTES**

- REMOVE EXISTING AIR HANDLING UNIT (COOLING COIL, HEATING COIL AND FINAL FILTER) ONCE TEMPORARY AHU IS CONNECTED AND OPERATIONAL. EXISTING TO REMAIN COMPONENTS INCLUDING HUMIDIFIER DISPERSION TUBING SHALL BE CLEANED AND REPAIRED AS NECESSARY FOR FUNCTIONAL OPERATION. CLOSE VALVES FOR CHILLED WATER AND HEATING HOT WATER PIPES TO ALLOW FOR NEW AHU PIPING CONNECTIONS TO BE INSTALLED.
- DEMO EXHAUST DUCTWORK CONNECTION FOR EXISTING CART WASH BACK TO MAIN DUCT AS INDICATED.
- EXISTING DIFFUSER/GRILLE TO BE RELOCATED. REFER TO HVAC PLAN FOR NEW LOCATION.
- PROPOSED LOCATION OF TEMPORARY SUPPLY DUCT CONNECTION. REFER TO SECTION ON SHEET H103. PATCH AND CLOSE CONNECTION ONCE NEW AHU/HRU ARE OPERATIONAL.
- TEMPORARY SUPPLY DUCT UP TO LEVEL ABOVE (WHICH IS AT GRADE) THROUGH EXISTING LOUVER/AREAWAY TO TEMPORARY AHU. SEE SHEET H103 FOR CONTINUATION. CONTRACTOR TO TEMPORARILY REMOVE EXISTING REFRIGERANT EXHAUST FAN TO ALLOW FOR SUPPLY DUCT TO BE ROUTED THRU AREAWAY SPACE. CONTRACTOR TO PROVIDE TEMPORARY REFRIGERANT VENTILATION SYSTEM TO COMPLY WITH ASHRAE STANDARD 15. ONCE NEW AHU AND HRU ARE OPERATIONAL AND TEMPORARY SUPPLY DUCT IS REMOVED, CONTRACTOR TO RENSTALL EXISTING REFRIGERANT EXHAUST FAN.
- CONFIRM OPERATION AND DISCHARGE RELATIVE HUMIDITY CONTROL OF THE EXISTING HUMIDIFIER EQUIPMENT SO THAT IT PERFORMS AS REQUIRED TO CONTROL SPACE HUMIDITY BETWEEN 20% AND 60% RH. CONTRACTOR TO PROVIDE ANY NECESSARY REPLACEMENT PART OR CONTROL EQUIPMENT AS NEEDED.

**GENERAL NEW WORK NOTES**

- BALANCE ALL DIFFUSERS/REGISTERS/GRILLES (INCLUDING EXISTING TO REMAIN) TO ABRF CW VALUES INDICATED BELOW.
- CONNECT NEW AHU-1HRU-1 TO EXISTING DUCT SMOKE DETECTORS.
- ALL DUCTWORK DOWNSTREAM OF VAV TERMINAL BOXES TO BE LOW PRESSURE (2" PRESSURE CLASS). DUCTWORK UPSTREAM OF VAV TERMINAL BOXES TO BE MEDIUM PRESSURE (4" PRESSURE CLASS).
- FLEXIBLE DUCTWORK TO BE NOT OVER 5'-0" IN LENGTH.
- CONTRACTOR TO PROVIDE REMOTE OPERATORS FOR ALL MANUAL VOLUME DAMPERS LOCATED ABOVE GYPSUM BOARD CEILINGS.
- CART WASH EXHAUST DUCTWORK TO BE TO BE WELDED STAINLESS STEEL, WATERTIGHT, SLOPED TO THE WASHER AND FREE OF DEADLEGS.

**NEW WORK KEYNOTES**

- EXISTING VAV TERMINAL UNIT TO BE SET TO CONSTANT VOLUME. SEE SCHEDULE ON SHEET H101.
- NEW 14"Ø STAINLESS STEEL EXHAUST DUCT DOWN TO CART WASH CONNECTION. COORDINATE CONNECTION SIZE AND LOCATION WITH NEW EQUIPMENT. TRANSITION TO SMALLER DUCT TO OCCUR AS CLOSE AS POSSIBLE TO CART WASH PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE A STAINLESS STEEL DAMPER AS CLOSE AS POSSIBLE TO CART WASH. SLOPE DUCT DOWN TO CART WASH. BALANCE TO 500 CFM. REFER TO "EXHAUST DUCTWORK - CAGE WASHER" DIAGRAM ON H601.
- RELOCATE EXISTING THERMOSTAT TO LOCATION INDICATED. CONNECT TO AHU-1 THROUGH BAS.
- EG-4 415
- NEW SMOKE DETECTORS AND DAMPERS TO BE CONNECTED TO AHU-1, HRU-1 AND EXISTING FIRE ALARM SYSTEM.

