

HVAC GENERAL NOTES

- FIRESTOP ALL MECHANICAL PENETRATIONS THROUGH FIRE-RATED FLOOR AND WALL ASSEMBLIES. SEE ARCHITECTURAL DRAWINGS FOR LOCATION AND TYPE OF RATINGS. DUCT TRANSITIONS MAY NOT BE SHOWN IN DETAIL ON PLAN. REFER TO DETAILS SHEETS AND
- SMACNA HVAC DUCT CONSTRUCTION STANDARDS FOR REQUIRED DUCT TRANSITIONS AND FITTINGS. ALL DUCT TAPS TO BRANCH DUCTS SHALL HAVE 45 DEGREE ENTRY FITTINGS.
- INSTALL FIRE DAMPERS ON ALL DUCTS PENETRATING FIRE RATED WALL ASSEMBLIES, COMPLETE WITH ACCESS DOORS, SEE STANDARD DETAIL. REFER TO ARCHITECTURAL DRAWING FOR WALL TYPES. ALL DUCTWORK SHALL BE SEALED AND INSULATED ACCORDING TO THE MECHANICAL
- SPECIFICATIONS. COORDINATE FINAL THERMOSTAT INSTALLATION HEIGHT AND DISTANCE FROM DOOR WITH
- REFER TO SPECIFICATION FOR ADDITIONAL STANDARD INSTALLATION DETAILS. DUCT INSULATION MATERIALS SHALL MEET SMOKE AND FLAME SPREAD REQUIREMENTS FOR
- DUCT INSULATION SHALL FOLLOW THE SCHEDULES IN THE SPECIFICATION AS A MINIMUM REQUIREMENT. THESE REQUIREMENTS SHALL APPLY REGARDLESS OF WHETHER OR NOT
- DUCT INSULATION IS SHOWN ON THE DRAWINGS.
 WHERE DUCT INSULATION IS SHOWN ON THE DRAWINGS (EITHER WITH THE HATCHING CONVENTION OR BY MEANS OF A KEY NOTE) AND EXCEEDS THE REQUIREMENTS OF THE SCHEDULES IN THE SPECIFICATION, THE ADDITIONAL INSULATION REQUIREMENTS SHALL BE
- PROVIDE MANUAL BALANCE DAMPERS FOR EACH EXHAUST, SUPPLY, AND RETURN GRILLE WHERE AN AIR VOLUME HAS BEEN PROVIDED.
- INSTALL BALANCE DAMPERS AS FAR AWAY FROM GRILLES OR DIFFUSERS SERVED AS PRACTICALLY POSSIBLE.
- INSTALL ALL BALANCE DAMPERS IN AN EASILY ACCESSIBLE LOCATION.
 REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF GRILLES AND DIFFUSERS.
- REFER TO CONTROLS SCHEMATICS FOR REQUIREMENTS FOR SENSORS, ACTUATORS AND OTHER CONTROLS COMPONENTS.
- CONTRACTOR SHALL SCAN FOR REBAR AND CONDUIT AND PROVIDE RESULTS OF SCAN IN WRITING TO OWNER PRIOR TO CORING OR DRILLING IN ANY CONCRETE WALL OR FLOOR. AT DUCT HEATER INTAKE, INSTALL A MINIMUM OF 24" STRAIGHT DUCT. INSTALL A MINIMUM OF 30"
- OF DUCT BETWEEN DIFFUSER, GRILLE OR ACCESS DOOR AND DUCT HEATER DISCHARGE. INSTALL HEAT SUCH THAT THERE IS 24" CLEARANCE BETWEEN CONTROL BOX COVER AND ANY
- FRESH AIR INTAKES SHALL BE A MINIMUM OF 3 METERS FROM ALL EXHAUST DISCHARGES. COMPLETE WITH LOUVER, BACKDRAFT DAMPER AND BIRD SCREEN.

KEY NOTES

- DEMOLISH EXISTING VAV BOX, DUCTWORK AND ASSOCIATED DIFFUSERS. NOT ALL DUCWORK IS SHOWN, REVIEW SITE FOR CONNECTION FROM DIFFUSERS TO DUCT MAINS.
- CAP DUCTWORK FROM BASEMENT AIR HANDLER.
- DEMOLISH EXISTING KITCHEN HOOD EXHAUST FAN AND ASSOCIATED EXHAUST DUCT.
- TWO LOUVERS LOCATED ON THE EXTERIOR. LOWER LOUVER CONNECTED TO THE GREASE HOOD SYSTEM TO BE REMOVED. PATCH AND REPAIR BY GENERAL CONTRACTOR, REFER TO ARCHITECTURAL
- REMOVE AND TURN OVER TO OWNER THERMOSTATS FOR RENOVATED AREAS.
- DEMOLISH DUCT AND CONNECTIONS TO VAV AS SHOWN. RETAIN VAV AND THERMOSTAT FOR RELOCATION IN RENOVATION PLANS.
- DUCT AND INSULATION FOR WASHROOM EXHAUST IS TO REMAIN.

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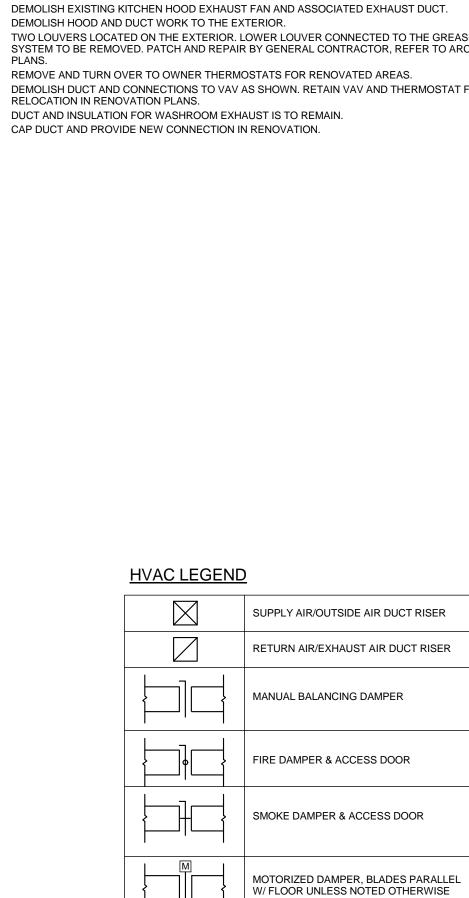
PAN AM POOL INTERIOR RENOVATION

25 POSEIDON BAY

MAIN FLOOR - HVAC

DEMOLITION PLAN

MH2.1 FEB 29 2016



BACK DRAFT DAMPER

TURNING VANES

THERMAL INSULATION

ACOUSTIC INSULATION

EQUIPMENT TAG

DEMOLITION NOTE

THERMOSTAT - LOW VOLTAGE

CARBON DIOXIDE SENSOR

KEY NOTE

EQ 1i

DIFFUSER TAG / GRILLE TAG