



1  
FOURTH FLOOR PLAN-HVAC  
SCALE: 1/8" = 1'-0"

**GENERAL NOTES:**

1. LOCATE OUTSIDE AIR MAKES MINIMUM 8"Ø FROM VENTS EXHAUSTS & FLEES
2. COORDINATE A/C UNIT LOCATIONS, AIR DEVICE LOCATIONS AND DUCT ROUTING WITH STRUCTURAL MEMBERS AND ADJUST ACCORDINGLY.
3. PROVIDE ALL CONDENSING UNITS WITH CONCRETE PADS.
4. PROVIDE 3/4" CONDENSATE DRAINS FROM ALL COOLING COILS DRAIN TO NEAREST FLOOR DRAIN FLICES ON FRESH FLOOR SHALL DRAIN TO DRY WELLS.
5. PROVIDE FINE DRYERS, SMOKE DRYERS, & FINE-SMOKE DRYERS AS REQUIRED BY THE AUTHORITIES HAVING JURISDICTION.
6. SIZE AND INSTALL REFRIGERANT PIPING PER MANUFACTURERS RECOMMENDATIONS.
7. PROVIDE COMBUSTION AIR TO ALL GAS APPLIANCES PER CODE REQUIREMENTS.
8. CONSTRUCT RA IN BAYS BEHIND UNIT IF NECESSARY SUCH THAT FLOOR DRAINS ARE ACCESSIBLE PER CODE REQUIREMENTS.

**KEYED NOTES:**

1. 18"Ø RA DUCT GOIN TO RA RM BEHIND A/C UNIT.
2. 24"Ø DUCT TO RA DUCT FROM FLOOR UNIT DRYERS
3. (2) RA's WITH TRAVELER DUCT, SIZE OF GRILLS AS INDICATED.

THE SEAL APPEARING ON THIS DOCUMENT HAS BEEN ISSUED BY JAMES SIDNEY HARVEY, REGISTERED PROFESSIONAL ENGINEER, STATE OF TEXAS, LICENSE NO. 84297. IT IS REVIEWED ONLY IN ATTENDANCE OF A SCALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE ABOVE ENGINEER IS AN OFFENSE TO THE TEXAS STATE BOARD RULES.



**ARK** Engineer and Consultants Inc. (FIRM #4127)  
 2604 Westerland Drive, #309, Houston, Texas 77063  
 Ph. 832.236.7165, Fax. 832.218.9181  
 e-mail address: jharvey@arkengineer.com

Date	02-17-10
Reviewed	
Drawn	
Job	08060
Sheet	M4
Of	Sheets

**RSS ARCHITECTS L.L.C.**  
 2201 DOTTE LYNN PKWY, SUITE H5  
 FORT WORTH, TEXAS 76120  
 PHE: 817/640-9003 FAX: 817/649-8410



**LaQuinta Inn and Suites**  
 MARKET CENTER - LOCATION 6482  
 DALLAS, TEXAS

REVISIONS	BY