

HVAC FLOOR PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

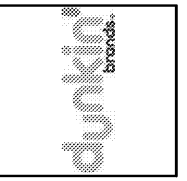
1. DRAWINGS ARE DIAGRAMMATIC IN NATURE AND MAY NOT SHOW ALL STRUCTURAL MEMBERS, ARCHITECTURAL ELEMENTS, LIGHTING LAYOUTS, OR ALL OFFSETS, FITTINGS, AND OTHER ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION. CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, AND ACCESSORIES REQUIRED FOR THE INSTALLATION OF A COMPLETE WORKING SYSTEM TO THE SATISFACTION OF THE OWNER.
2. COORDINATE THE MECHANICAL WORK WITH THE WORK OF OTHER TRADES AND EXISTING CONDITIONS.
3. COMPLY WITH ALL LOCAL CODES AND ORDINANCES.
4. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO START OF WORK AND INFORM ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
5. INSTALL NEW DUCTWORK AS SHOWN. ALL SHEET METAL DUCTWORK SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH CURRENT SMACNA DUCT CONSTRUCTION STANDARDS. DUCTWORK SHALL BE FABRICATED IN ACCORDANCE WITH REQUIREMENTS OF THE 1 IN. WG PRESSURE CLASSIFICATION.
6. ALL OUTSIDE AIR DUCTWORK AND ALL DUCTWORK INSTALLED ABOVE INSULATED CEILINGS SHALL BE INSULATED WITH 2" THICK FIBERGLASS DUCTWRAP INSULATION WITH VAPOR BARRIER COATING. INSTALLATION SHALL BE COMPLETE FOR ALL DUCTWORK SYSTEMS UNLESS SPECIFICALLY EXCLUDED. INSULATION INSTALLATION SHALL BE IN ACCORDANCE WITH THE BEST PRACTICES OF THE TRADE SUCH THAT ALL VAPOR BARRIERS SHALL BE SECURE AND NO LOOSE JOINTS OR PATCHES EXIST IN THE FINISHED PRODUCT.
7. NO FLEXIBLE DUCT SHALL BE UTILIZED IN RETURN AIR, OUTSIDE AIR, OR EXHAUST AIR SYSTEMS. MAXIMUM LENGTH OF FLEXIBLE DUCT IN SUPPLY AIR SYSTEM SHALL NOT EXCEED MFR'S RECOMMENDATIONS.
8. PROVIDE SINGLE BLADE DAMPER AND SPIN-IN FITTING AT TAKE-OFFS FOR SUPPLY AIR SYSTEMS.
9. AFTER COMPLETION OF NEW MECHANICAL SYSTEMS INSTALLATION, ADJUST ALL THERMOSTATS AND AIR HANDLING UNITS TO ATTAIN THE PERFORMANCE VALUES SCHEDULED. TEST, ADJUST AND BALANCE ALL AIR OUTLET DEVICES TO CFM VALUES SHOWN WITHOUT CREATING OBJECTIONABLE NOISE OR DRAFTS. PRIOR TO FINAL PROJECT CLOSE-OUT, SUBMIT FOUR COPIES OF FINAL TEST AND BALANCE REPORT TO ARCHITECT AND ENGINEER FOR RECORD.
10. CONTRACTOR TO VERIFY 10' SEPARATION BETWEEN INTAKES AND EXHAUST.

KEY NOTES:

- ① 16x14 SUPPLY DUCT DN FROM RTU OUTLET. TRANSITION TO UNIT SIZE AND CONNECT WITH FABRIC FLEXIBLE CONNECTOR.
- ② 14x12 RETURN DUCT UP TO RTU INLET. TRANSITION TO UNIT SIZE AND CONNECT WITH FABRIC FLEXIBLE CONNECTOR.
- ③ KITCHEN HOOD, BY OTHERS.
- ④ 12" EXHAUST DUCT UP TO EF-1 ON ROOF. TRANSITION TO UNIT SIZE AND CONNECT WITH FABRIC FLEXIBLE CONNECTOR.
- ⑤ 12" EXHAUST DUCT UP TO EF-2 ON ROOF. TRANSITION TO UNIT SIZE AND CONNECT WITH FABRIC FLEXIBLE CONNECTOR.
- ⑥ 8" EXHAUST DUCT UP TO EF-3 ON ROOF. TRANSITION TO UNIT SIZE AND CONNECT WITH FABRIC FLEXIBLE CONNECTOR.
- ⑦ ROUTE EVAPORATOR CONDENSATE DRAIN TO OUTSIDE.

| No. | Date | Description |
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| DRAWN BY: SP |
| CHECKED BY: CAH |
| DATE: 08/22/17 |
| SCALE: |
| C.A. COMMISSION NUMBER 1704 |
| SHEET NAME HVAC PLAN |
| SHEET NUMBER |

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M2.0