



FLOOR PLAN NOTES

- A. ALL APPLIANCES AND PLUMBING VENTS AND DISCHARGE OUTLET OF EXHAUST FAN SHALL BE AT LEAST 10' IN HORIZONTAL DIRECTION OR 3' ABOVE THE OSA INTAKES FOR HVAC UNITS.
- B. PROVIDE MANUAL VOLUME DAMPERS FOR ALL SUPPLY, RETURN, EXHAUST, AND MAKE-UP TAKE-OFFS.
- C. ALL CONCEALED DUCT WORK SHALL BE INSULATED WITH R-4.2 (MIN).
- D. PROVIDE BEAM BOXES WHERE REQUIRED.
- E. FACTORY-MADE FLEXIBLE AIR DUCTS AND CONNECTORS SHALL BE NOT MORE THAN 5 FEET (5'-0") IN LENGTH AND SHALL NOT BE USED IN LIEU OF RIGID ELBOWS OR FITTINGS.

KEYED CONSTRUCTION NOTES

- 1) 24X12 SUPPLY & RETURN DUCTS UP.
- 2) 16X14 SUPPLY & RETURN DUCTS UP.
- 3) 26X14 SUPPLY & RETURN DUCTS UP.
- 4) 22X10 SUPPLY & RETURN DUCTS UP.
- 5) 16X16 SUPPLY DUCT UP.
- 6) 60X16 RETURN DUCT UP.
- 7) 12X12 SUPPLY DUCT UP.
- 8) SUPPLY & RETURN DUCT UP THRU ROOF TO RTU-10.
- 9) SUPPLY & RETURN DUCT UP THRU ROOF TO RTU-11.
- 10) 12X16 EXHAUST DUCT UP.
- 11) 6" EXHAUST DUCT UP THRU ROOF TO ROOF CAP.
- 12) 10" EXHAUST DUCT UP THRU ROOF TO ROOF CAP.
- 13) RUN DUCT BETWEEN STRUCTURAL TRUSSES.
- 14) SMOKE DETECTOR IN SUPPLY PLENUM.
- 15) MANUAL VOLUME DAMPER (TYPICAL).
- 16) MANUAL VOLUME DAMPER & BACK DRAFT DAMPER (TYPICAL).
- 17) ROOF ACCESS.
- 18) GAUGE 36 OR HEAVIER.
- 19) MVD AND BDD SET AT 440 OSA CFM, 12" OSA UP THRU ROOF TO ROOF CAP.
- 20) MVD AND BDD SET AT 475 OSA CFM, 12" OSA UP THRU ROOF TO ROOF CAP.
- 21) MVD AND BDD SET AT 300 OSA CFM, 8" OSA UP THRU ROOF TO ROOF CAP.
- 22) MVD AND BDD SET AT 150 OSA CFM, 8" OSA UP THRU ROOF TO ROOF CAP.
- 23) MVD AND BDD SET AT 200 OSA CFM, 8" OSA UP THRU ROOF TO ROOF CAP.
- 24) MVD AND BDD SET AT 200 OSA CFM, 8" OSA UP THRU ROOF TO ROOF CAP.
- 25) MVD AND BDD SET AT 275 OSA CFM, 10" OSA UP THRU ROOF TO ROOF CAP.
- 26) MVD AND BDD SET AT 300 OSA CFM, 10" OSA UP THRU ROOF TO ROOF CAP.
- 27) MVD AND BDD SET AT 275 OSA CFM, 10" OSA UP THRU ROOF TO ROOF CAP.

CONTRACTOR PLAN NOTES

THIS CONTRACTOR SHALL DO A DETAILED INVESTIGATION TO DETERMINE ALL EXISTING CONDITIONS AND SHALL PRODUCE SHOP DRAWINGS FOR DUCT LAYOUTS WITH ADJUSTMENTS THAT BUT FIELD CONDITIONS AT NO ADDED COSTS TO OWNER. FAILURE TO DO PROPER FIELD INVESTIGATION AND DUE DILIGENCE WILL NOT JUSTIFY CHANGE ORDERS.

WALL LEGEND

FIRE RATER WALL

REVISIONS

DATE/DELTA	REMARKS
10/29/2019	PLAN CHECK RE-SUBMITTAL
02/10/2020	OWNER REVISIONS
11/06/2020	BIDDING RFBs
05/06/2021	COORDINATION
11/29/2021	PLAN REVISION

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SHEET TITLE:

HVAC NEW 1ST FLOOR PLAN

SUB DATE

BID DATE

DATE: 05/08/2019

DRAWN BY: R.C.U.S.

JOB NO: 18-169

CHECKED BY: S.G.

SHEET NUMBER:

M2.0

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