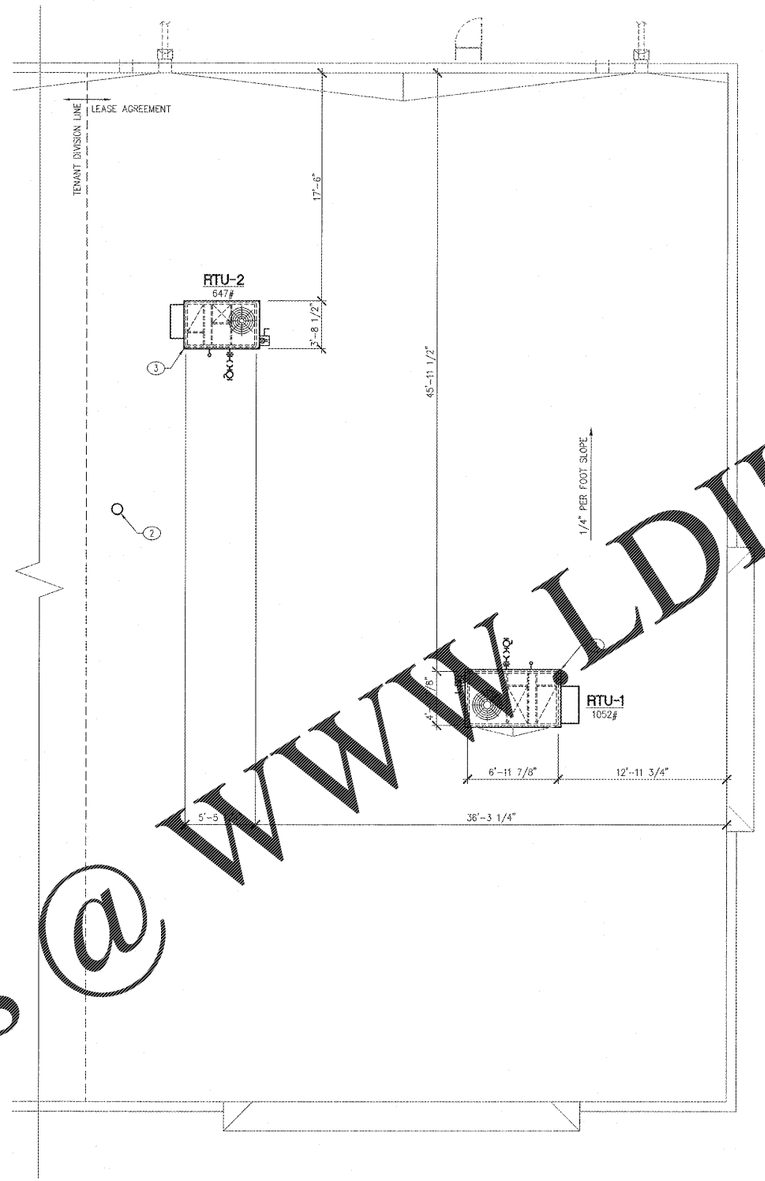

1 / M161 **MECHANICAL ROOF PLAN**
SCALE: 3/16" = 1'-0"

MECHANICAL LEGEND

- SUPPLY DIFFUSER (DIFFUSER SHOWN IS A THREE-WAY WITH ONE SIDE BLOCKED)
- RETURN AIR GRILLE
- EXHAUST GRILLE
- TURNING VANES
- EXHAUST RISER
- MOTORIZED DAMPER
- BRANCH DUCT, TWIST-LOK, & ELBOW (ROUND) WITH VOLUME DAMPER
- BRANCH DUCT, TAKE-OFF, (RECT.) WITH VOLUME DAMPER
- FIRE EXTINGUISHER
- THERMOSTAT
- SUPPLY AIR DUCT DOWN
- RIGID DUCTWORK
- DUCT TRANSITION
- TAP IN BRANCH DUCT WITH VOLUME DAMPER FOR ROUND DUCT
- DETAIL NUMBER / SHEET NUMBER
- M.C. MECHANICAL CONTRACTOR
- G.C. GENERAL CONTRACTOR
- P.C. PLUMBING CONTRACTOR
- E.C. ELECTRICAL CONTRACTOR
- R. REFRIGERANT CONTRACTOR
- DIFFUSER SYMBOL SEE SHEET M1 FOR SCHED.
- AIRFLOW (CFM)
- BRANCH DUCT DIAMETER

GENERAL NOTES

1. IF ANY DISCREPANCIES ARE FOUND ON THE PLANS, THE CONTRACTOR SHALL BID AND INSTALL THE MORE CONSERVATIVE SPECIFICATION AND CALL ENGINEER FOR CLARIFICATION.
2. UNLESS NOTED OTHERWISE, ALL ITEMS ARE TO BE PROVIDED AND INSTALLED BY THE MECHANICAL CONTRACTOR.
3. FOR GAS AND CONDENSATE PIPING SEE DRAWING P161.
4. FOR POWER SEE DRAWING E111.

CONSTRUCTION NOTES

1. M.C. SHALL INSTALL RTU IN LOCATION SHOWN. COORDINATE WITH STRUCTURE PRIOR TO ROOF PENETRATION AND INSTALLATION OF ROOF CURB. M.C. SHALL CLEARLY LABEL RTU WITH 3" HIGH BLACK LETTERS FOR EASY IDENTIFICATION.
2. M.C. SHALL INSTALL VENT CAP WITH BIRD AND INSECT SCREEN IN LOCATION SHOWN. COORDINATE WITH STRUCTURE PRIOR TO ROOF PENETRATION AND INSTALLATION. COORDINATE WITH GC TO SEAL AND FLASH PENETRATION.

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DRAWING: MECHANICAL ROOF PLAN

Revisions

REVISION DATE

PROJECT DATE 6/24/2019

Drawn By RJB

Checked By MJM

Sheet No. M161