

**A NEW 108-ROOM COURTYARD BY MARIOTT HORTON & SUITES**

Turner Road  
Woodbury, New York location #12121

for  
**RAINBOW ENTERPRISES**

4758 Highway 28  
Cooperstown, NY

REVISION DATES

UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING ARE A VIOLATION OF STATE EDUCATION LAW ARTICLES 145 AND 147.

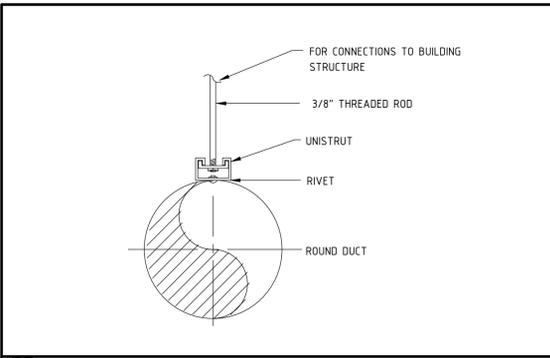
THIS DRAWING IS AN INSTRUMENT OF SERVICE FOR RAINBOW ENTERPRISES, AND MAY NOT BE REPRODUCED WITHOUT THE EXPRESS CONSENT OF THE OWNER AND THE ARCHITECT

DRAWING TITLE  
**MECHANICAL DETAILS**

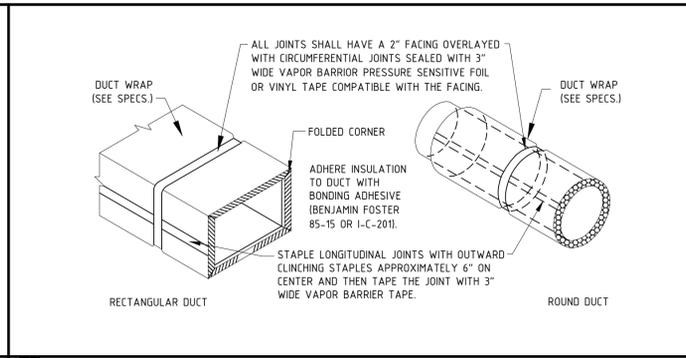
DATE  
MARCH 1, 2021

PROJECT NUMBER  
17971

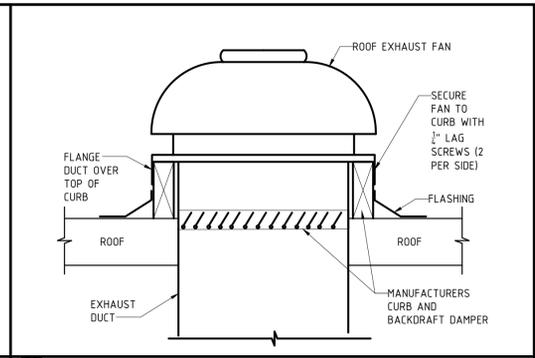
SHEET NUMBER  
**M601**



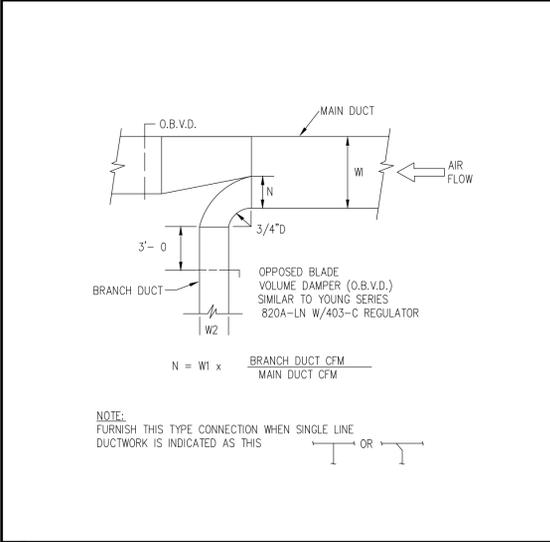
**11 ROUND DUCT SUPPORT DETAIL**  
M601 NO SCALE



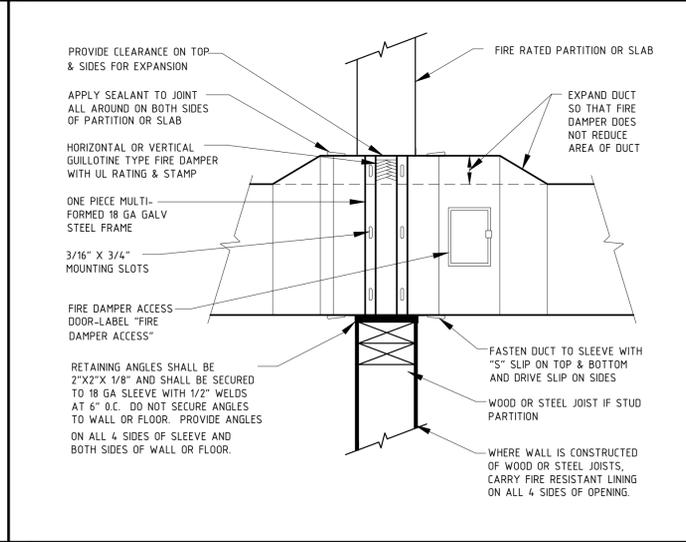
**21 DUCT INSULATION DETAIL**  
M601 NO SCALE



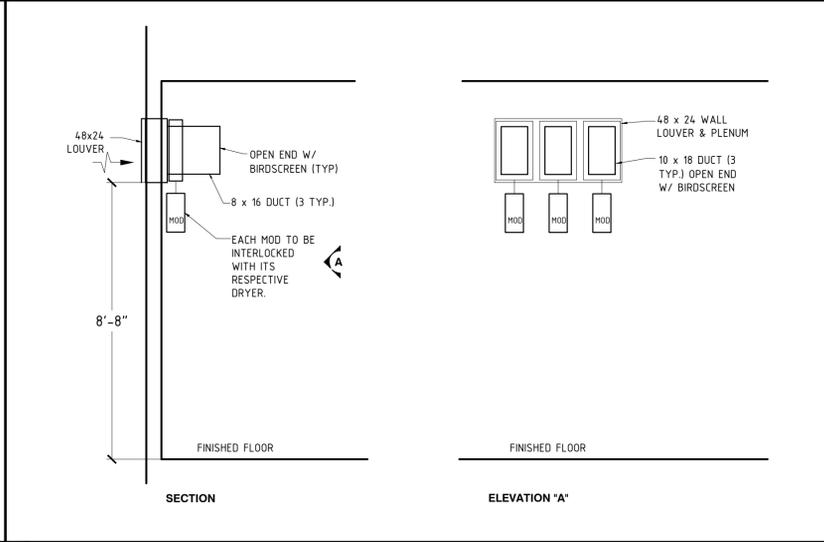
**61 ROOF EXHAUST FAN CURB & MOUNTING DETAIL**  
M601 NO SCALE



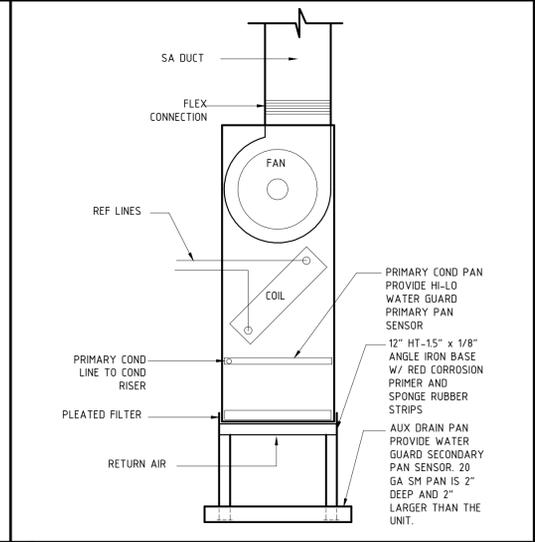
**12 SUPPLY AIR DUCTWORK RECTANGULAR BRANCH DUCT CONNECTION**  
M601 NO SCALE



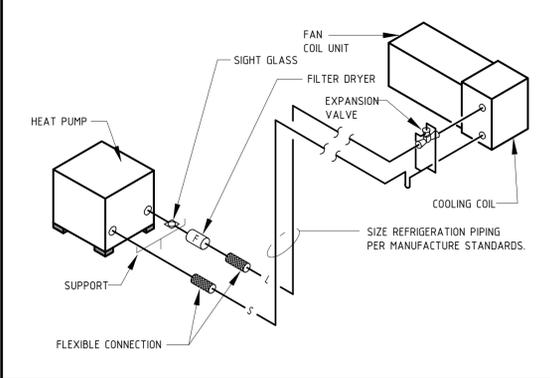
**22 TYPICAL DUCT PENETRATION OF FIRE-RATED PARTITION**  
M601 NO SCALE



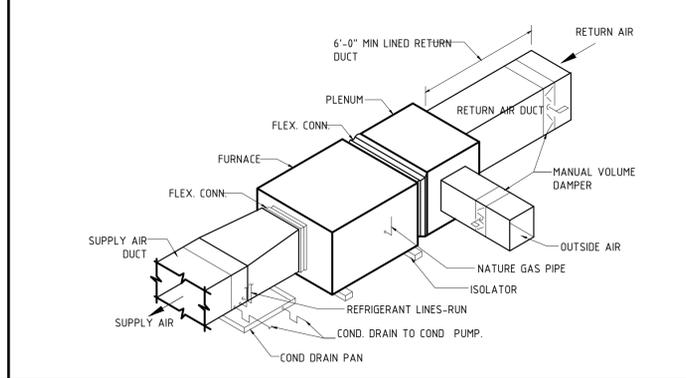
**32 DRYER COMBUSTION AIR INTAKE DETAIL**  
M601 NO SCALE



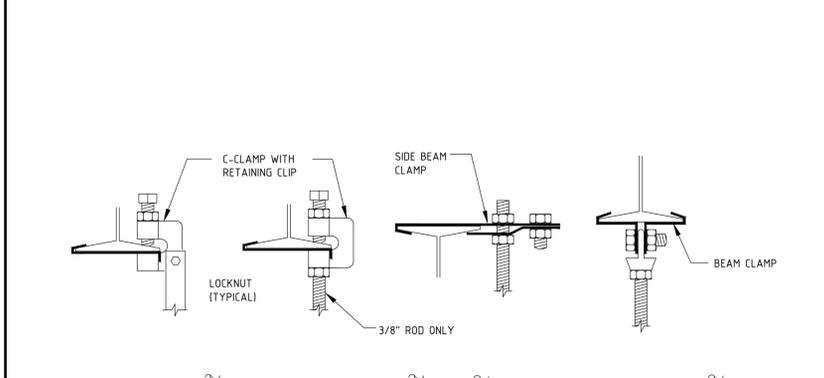
**62 VERTICAL FANCOIL UNIT INSTALLATION DETAIL**  
M601 NO SCALE



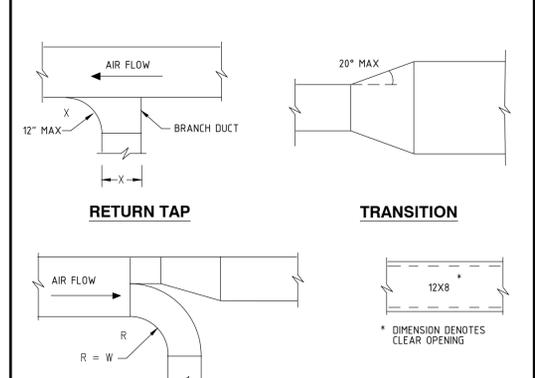
**13 TYPICAL SPLIT SYSTEM PIPING DIAGRAM**  
M601 NO SCALE



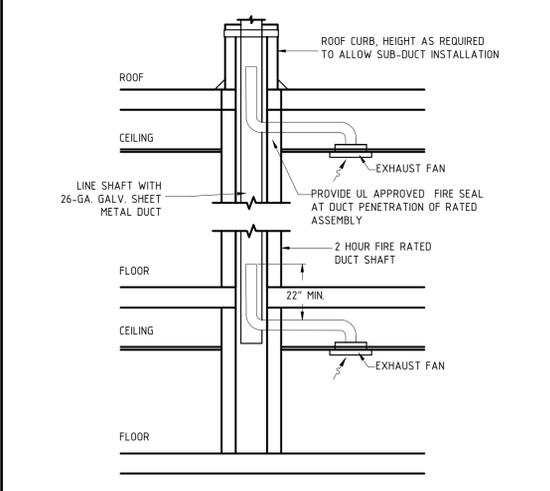
**23 HORIZONTAL FANCOIL UNIT INSTALLATION DETAIL**  
M601 NO SCALE



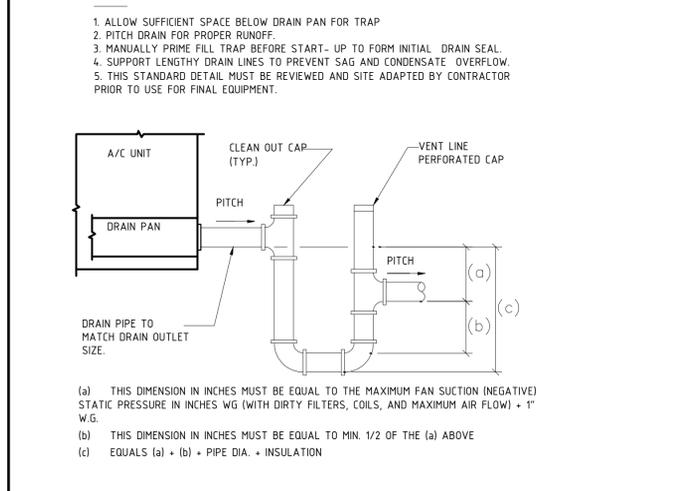
**34 RECTANGULAR DUCT SUPPORT DETAILS**  
M601 NO SCALE



**64 DUCT TRANSITION DETAILS**  
M601 NO SCALE



**14 EXHAUST DUCT RISER / SUBDUCT SECTION (SCHEMATIC)**  
M601 NO SCALE



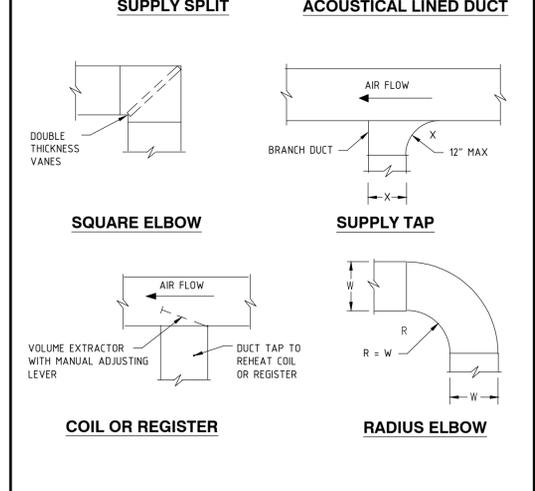
**24 DRAW-THROUGH UNIT CONDENSATE TRAP**  
M601 NO SCALE

24" OR SMALLER      25" OR WIDER

DUCT WIDTH	ROD DIA.	SUPPORT ANGLE OR EQUIV. CHANNEL	MAXIMUM SPACING	MAXIMUM AREA *
25" TO 30"	3/8"	1 1/2" X 1 1/2" X 1/8"	8'-0" O.C.	4 SQ. FT.
31" TO 42"	3/8"	1 1/2" X 1 1/2" X 1/8"	6'-0" O.C.	10 SQ. FT.
43" TO 60"	1/2"	1 1/2" X 1 1/2" X 1/8"	6'-0" O.C.	10 SQ. FT.

\* REDUCE SPACING TO NEXT SMALLER INTERVAL IF DUCT AREA EXCEEDS MAXIMUM

**34 RECTANGULAR DUCT SUPPORT DETAILS**  
M601 NO SCALE



**64 DUCT TRANSITION DETAILS**  
M601 NO SCALE