

RIVERHOUSE AT Odette's

274 SOUTH RIVER ROAD
NEW HOPE, PA 18938

OWNER/ OPERATOR:
GATEWAY TO NEW HOPE, LLC
274 South River Road
New Hope, PA 18938

ARCHITECT:
STOKES ARCHITECTURE
2103 Shiloh Street
Philadelphia, PA 19103
tel: (215) 523-9190

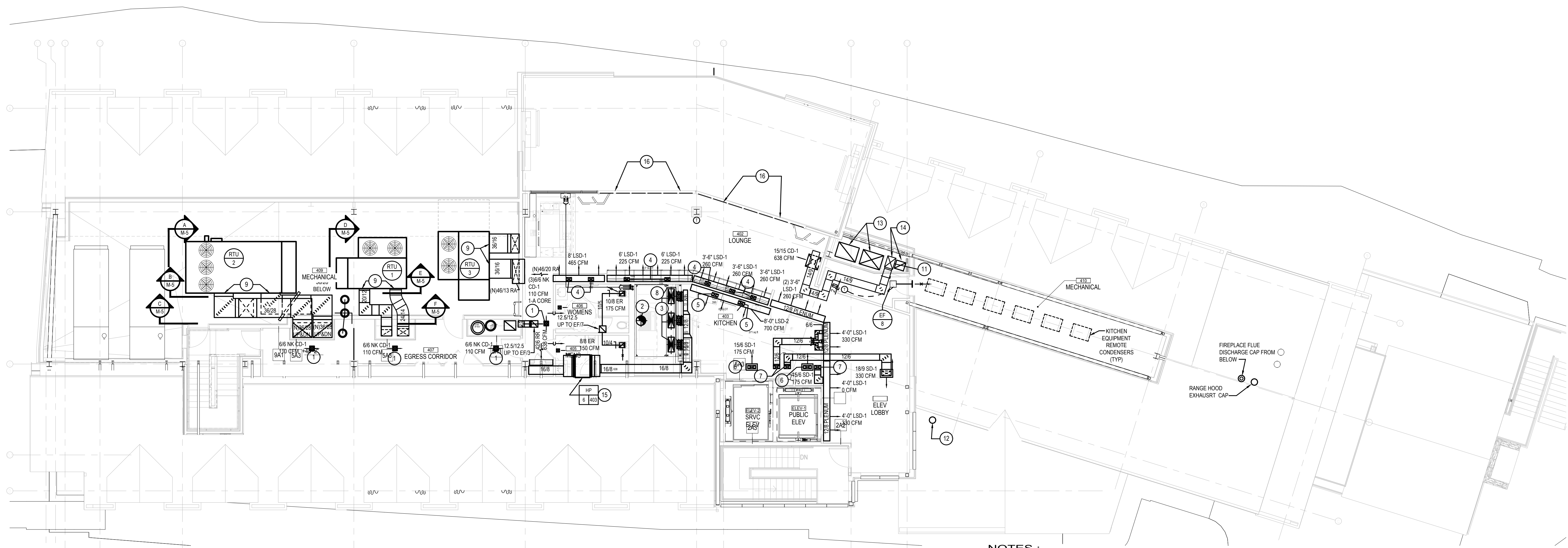
INTERIOR DESIGNER:
BALONGUE DESIGN INC
707 Malsortford Road
Villanova, PA 19085
tel: (610) 525-7593
fax: (610) 525-7594

CIVIL ENGINEER:
VAN CLEEF ENGINEERING
ASSOCIATES, LLC
501 North Main Street
Doylestown, PA 18901
tel: (215) 345-1876
fax: (215) 345-1730

STRUCTURAL ENGINEER:
O'DONNELL & NACCARATO
111 S. Independence Mall East Suite 950
Philadelphia, PA 19106
tel: (215) 925-3788

MEP ENGINEER:
WICK FISHER WHITE
111 S. Independence Mall East Suite 400
Philadelphia, PA 19106
tel: (215) 527-8000
fax: (215) 527-8040

LIGHTING DESIGNER:
BRIAN ORTER LIGHTING DESIGN LLC
227 W. 29th St 8th Floor
New York, NY 10001
tel: (646) 502-7568



NOTES :

1. REFER TO DRAWING MPE-1 FOR HVAC, PLUMBING/FIRE PROTECTION & ELECTRICAL GENERAL NOTES, ABBREVIATIONS, LEGENDS & DRAWING LIST.
2. COORDINATE FINAL AIR DEVICE LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLAN, LIGHTING PLAN, FIRE PROTECTION AND SPRINKLERS.
3. HVAC SYSTEM DESIGN FOR LOUNGE 402 IS CALCULATED WITH DOORS CLOSED. SPACE DESIGN TEMPERATURES WILL NOT BE MAINTAINED IF PATIO DOORS ARE LEFT OPEN.
4. PROVIDE COMBINATION FIRE/SMOKE DAMPERS IN ALL DUCTS PENETRATING RATED WALL & FLOOR ASSEMBLIES.

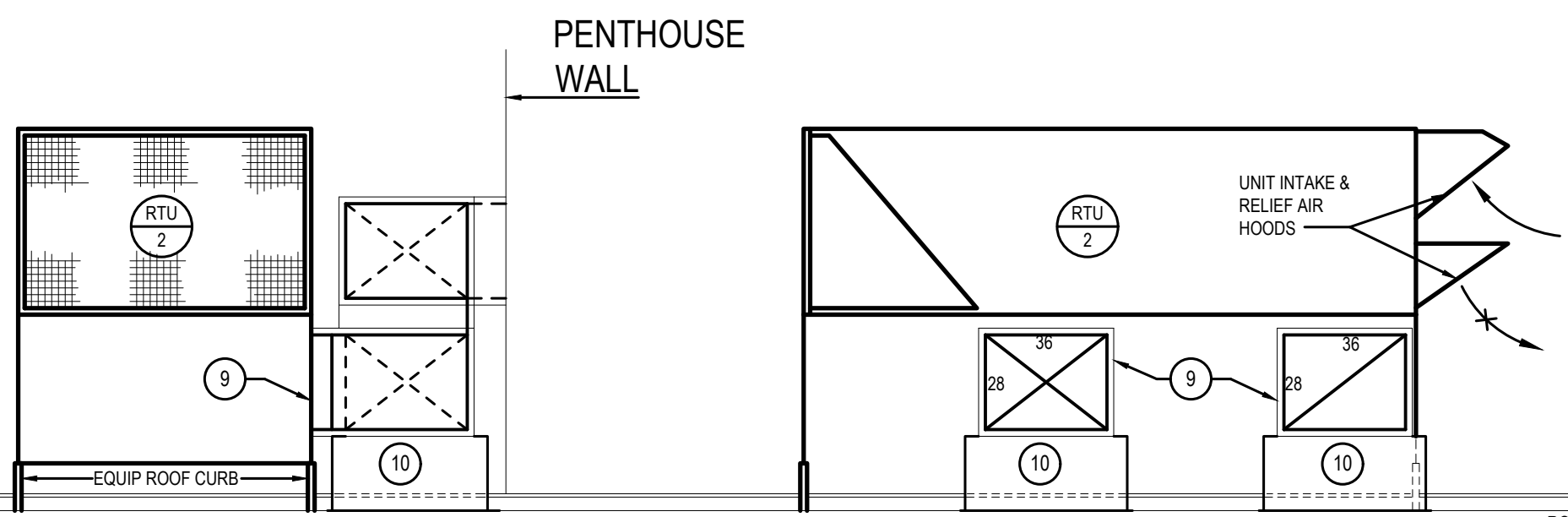
DRAWING NOTES :

1. RTU-3: 6/6 UP THRU ROOF, REFER TO PLAN 1M-6 FOR CONTINUATION.
2. EF-6: 18" RANGE HOOD EXHAUST DUCT UP THROUGH ROOF. REFER TO PLAN 1M-6 FOR CONTINUATION.
3. MAU-3: 20" HOOD MAKE-UP AIR DUCT UP THROUGH ROOF. REFER TO PLAN 1M-6 FOR CONTINUATION.
4. RTU-3: 10/6 SUPPLY DUCT FROM 12/6 PLENUM UP THROUGH ROOF. REFER TO PLAN 1M-6 FOR CONTINUATION.
5. RTU-3: 12/6 SUPPLY DUCT FROM 12/6 PLENUM UP THROUGH ROOF. REFER TO PLAN 1M-6 FOR CONTINUATION.
6. RTU-3: 15/6 SUPPLY DUCT FROM DIFFUSER NECK TRANSITION TO 6/6 AND RISE THROUGH ROOF. REFER TO PLAN 1M-6 FOR CONTINUATION.
7. RTU-3: 12/6 SUPPLY DUCT UP THROUGH ROOF. REFER TO PLAN 1M-6 FOR CONTINUATION.
8. HP-6-403: XY SUPPLY DUCT - CONNECT TO HOOD CONNECTIONS.
9. RTU-3: CONNECT SUPPLY & RETURN DUCTS TO UNIT PLENUM CURB.
10. DUCT/EQUIPMENT SUPPORT RAILS.
11. TRANSITION FROM 16/22 TO 22/12 IN VERTICAL DOWNSTREAM OF 14/9 TAKEOFF. SEE PLAN 1M-4 FOR CONTINUATION AND CLARIFICATION.
12. INSTALL FIRE PLACE DOUBLE WALL VENT PIPE FROM LOBBY FIRE PLACE UNIT TO TERMINATION CAP. INSTALL INDUCTION FAN AND CAP. FLUE, FAN & CAP FURNISHED BY GC. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS.
13. RTU-4: 40/28 SUPPLY & RETURN DUCTS UP THROUGH ROOF W/ WIRE DAMPERS & ACCESS DOORS. REFER TO PLAN 1M-6 FOR CONTINUATION.
14. RTU-1A: 16/22 SUPPLY & 18/19 RETURN DUCTS UP THROUGH ROOF W/ WIRE DAMPERS & ACCESS DOORS. REFER TO PLAN 1M-6 FOR CONTINUATION.
15. RUN REFRIGERANT GAS AND LIQUID PIPING TO AND FROM HPS ON PENTHOUSE LEVEL TO SUB-B/C CONTROLLER FOR CU-2 ON THIRD FLOOR. FINAL REFRIGERANT PIPING SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.

15. WALL WINDOW SENSOR. PROVIDE AND INSTALL A WIRED KADTRONIX HVAC SMART RELAY SWITCH (HRSR). INTEGRATE THE 24V CONTACT DIRECTLY TO THE UG000 CONTROLLER SUCH THAT WHEN THE WALL WINDOW IS OPENED, THE CORRESPONDING RTU WILL BECOME IDLE (SHUTDOWN). CONTROLLER CAN MONITOR A MAXIMUM OF FIVE (5) RELAY SWITCHES. REFER TO SEQUENCE OF OPERATIONS FOR FURTHER CLARIFICATION.

PENTHOUSE PLAN — MECHANICAL

SCALE : 1/8" = 1'-0"

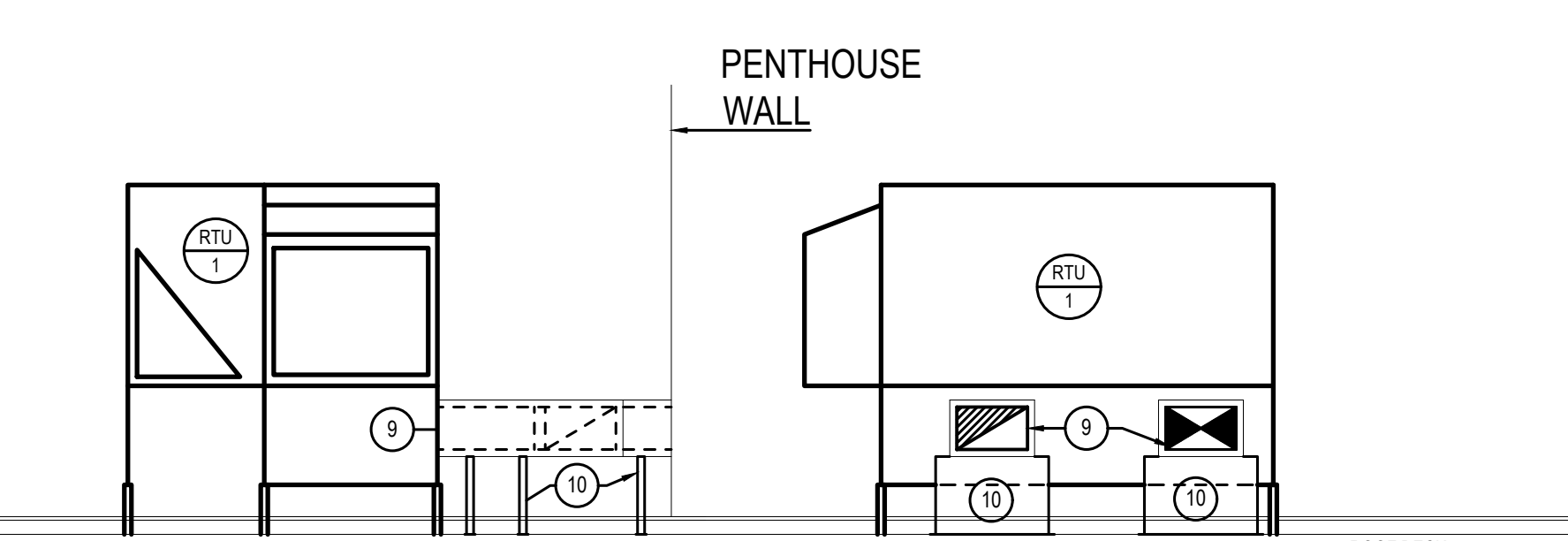


SECTION A-A

SCALE : 1/4" = 1'-0"

SECTION B-B

SCALE : 1/4" = 1'-0"

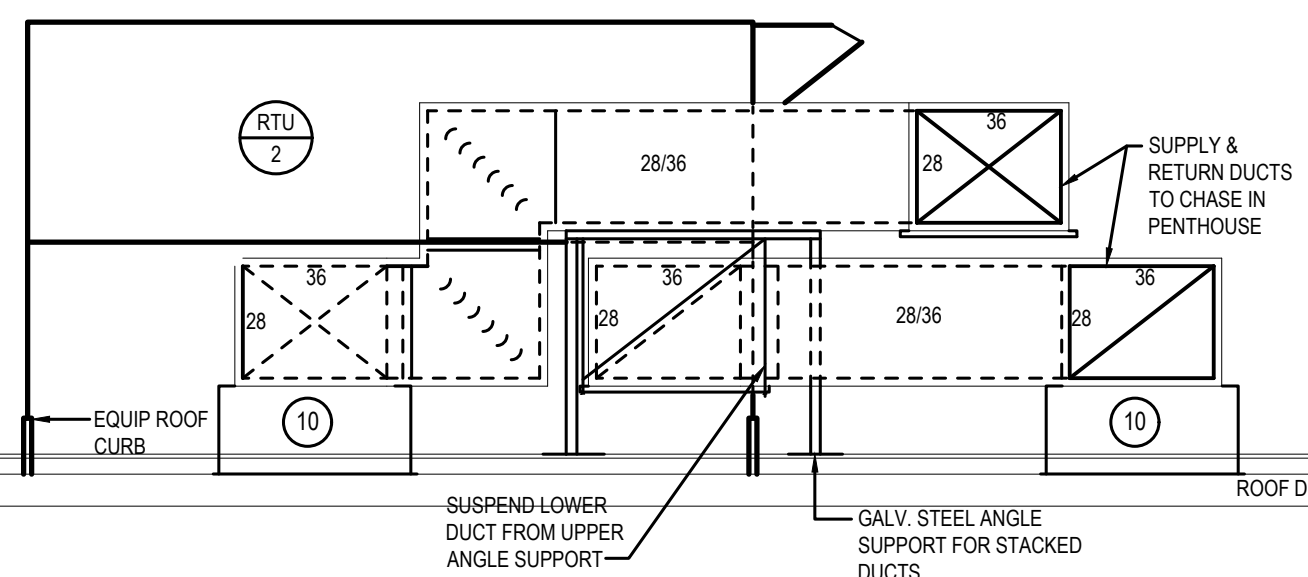


SECTION D-D

SCALE : 1/4" = 1'-0"

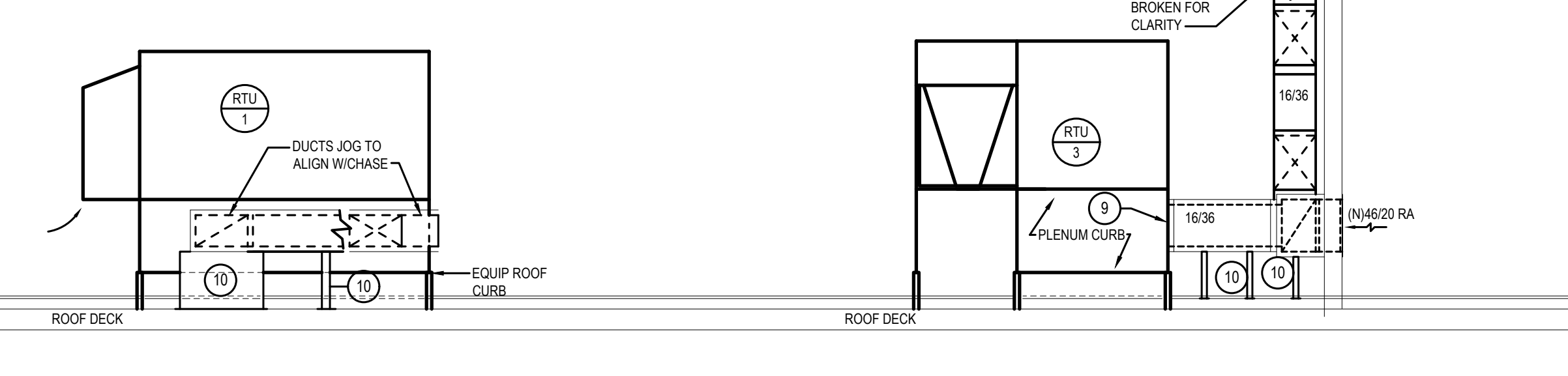
SECTION E-E

SCALE : 1/4" = 1'-0"



SECTION C-C

SCALE : 1/4" = 1'-0"

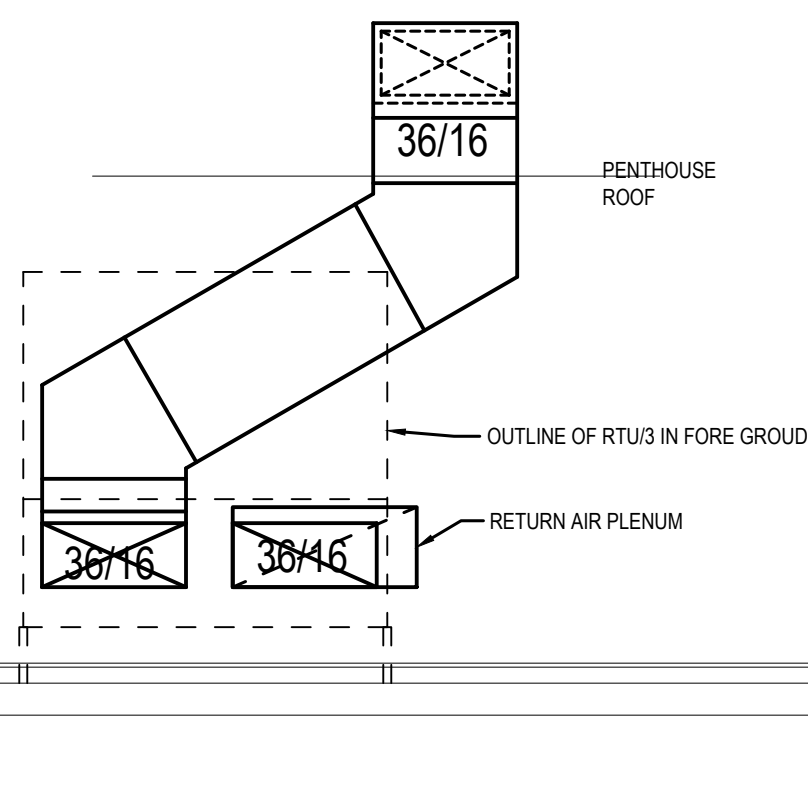


SECTION F-F

SCALE : 1/4" = 1'-0"

SECTION G-G

SCALE : 1/4" = 1'-0"



SECTION H-H

SCALE : 1/4" = 1'-0"

STOKES.
ARCHITECTURE + DESIGN
STOKESARCH.COM

SEAL

PROJECT #	140145.001
FILENAME:	WFW
DRAWN:	WFW
CHECKED:	WFW
DATE:	07/25/18

ALL DIMENSIONS AND RELATIONSHIPS MUST BE VERIFIED BY CONTRACTOR. THE ARCHITECT IS TO BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE CONSTRUCTION. DO NOT SCALE FROM DRAWINGS.

ISSUE FOR CONSTRUCTION
02-28-2019

PENTHOUSE PLAN -
MECHANICAL

DRAWING

M-5