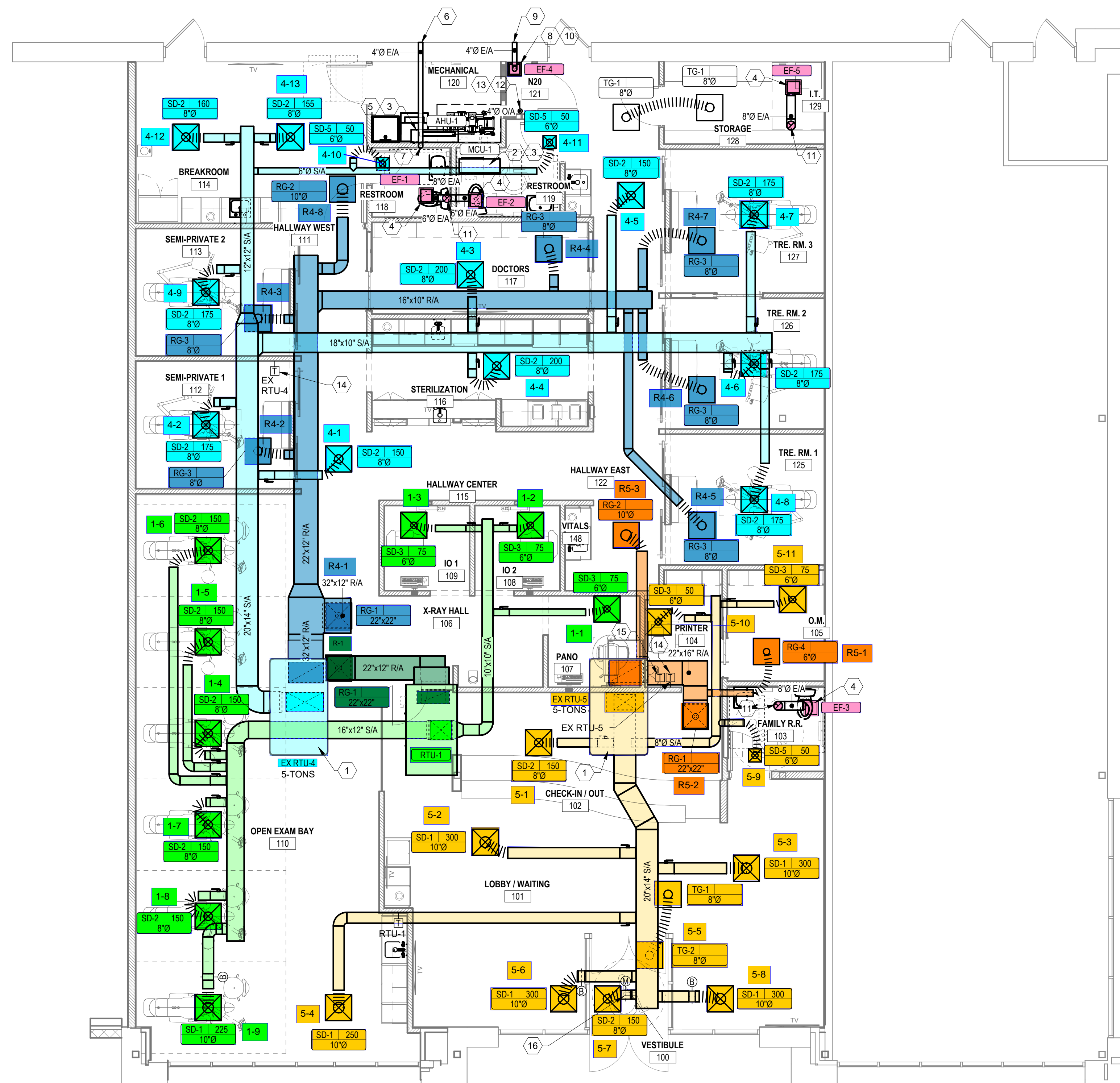


PLAN NOTES

Key Value	Keynote Text
1	EXISTING RTU TO REMAIN. BALANCE OUTDOOR AIR TO 215 CFM.
2	REFRIGERANT PIPING THROUGH ROOF. SEAL PENETRATION WEATHERTIGHT. ROUTE INSIDE WALL TO AS HIGH AS POSSIBLE AND ROUTE TO UNITS.
3	CONNECT REFRIGERANT PIPING TO CONDENSING UNIT & COIL AS REQUIRED BY THE MANUFACTURER. PROVIDE AND INSTALL REFRIGERANT PIPING FOR CONDENSING UNIT AS REQUIRED BY THE MANUFACTURER.
4	SUPPORT EXHAUST FAN FROM STRUCTURE AS REQUIRED BY MANUFACTURER.
5	SUPPORT WALL MOUNTED MINI SPLIT 8'-0" AFF. PER THE MANUFACTURERS REQUIREMENTS.
6	DRYER VENT PROVIDE 4" DRYER EXHAUST DUCTS THROUGH WALL. PROVIDE WEATHERPROOF WALL VENT CAP WITH BACKDRAFT DAMPER. MOUNT AS HIGH AS POSSIBLE. MAINTAIN 10' CLEARANCE FROM ALL OUTDOOR AIR INTAKES.
7	CONNECT 4" Ø FLEX DUCT TO DRYER AS REQUIRED BY THE MANUFACTURER.
8	SUPPORT INLINE FAN FROM WALLS PER MANUFACTURER'S SPECIFICATION.
9	ROUTE 4" Ø EXHAUST DUCT OUT EXTERIOR WALL WITH WALL VENT CAP.
10	ROUTE 4" Ø DUCT DOWN FROM FAN TO WITHIN 12" OF F.F.E.
11	PROVIDE WEATHERHEAD WITH BACKDRAFT DAMPER FOR EXHAUST FAN. SEAL PENETRATION WEATHERTIGHT. MAINTAIN MIN. 10'-0" CLEARANCE FROM ALL OUTDOOR AIR INTAKES.
12	PROVIDE WEATHERHEAD FOR INTAKE WITH BIRD SCREEN. SEAL ROOF PENETRATIONS WEATHERTIGHT. ROUTE 4" DIAMETER SUPPLY DUCT DOWN FROM ROOF IN FIRE RATED CHASE INTO MED GAS CLOSET. WRAP DUCT WITH 2" OF INSULATION. TERMINATE OPEN DUCT 6" BELOW MED GAS ROOM CEILING.
13	CUT EXISTING ROOF AND FLASH INTO ROOF AS REQUIRED. ALL ROOFING WORK SHALL BE PERFORMED BY BUILDING OWNER'S ROOFING CONTRACTOR (AT THIS CONTRACTOR'S EXPENSE) TO MAINTAIN EXISTING ROOF WARRANTY. VERIFY APPROVED ROOFING CONTRACTOR WITH BUILDING OWNER PRIOR TO PERFORMING WORK. SEAL GYP LID PENETRATION AIR TIGHT.
14	REPLACE EXISTING THERMOSTAT WITH PELICAN THERMOSTAT PROVIDED BY OWNER AND INSTALLED BY MECHANICAL CONTRACTOR. THERMOSTAT SHALL BE 7-DAY PROGRAMMABLE HEAT/COOL/AUTO CHANGEOVER. OPTIMUM START CONTROLS, ECONOMIZER OUTPUT FAULT DETECTION INPUT, AND BUILT IN HUMIDITY SENSOR. INSTALL THERMOSTAT IN LOCATION SHOWN.
15	LOCATION OF STAND ALONE CONTROLLER FOR VVT DAMPER. THE VESTIBULE SHALL NOT BE HEATED WHEN THE OUTDOOR AIR TEMPERATURE IS GREATER THAN 45 DEG F. THE CONTROLLER SHALL LIMIT HEATING IN THE VESTIBULE TO A TEMPERATURE NOT GREATER THAN 60 DEG F AND COOLING TO A TEMPERATURE NOT LESS THAN 85 DEG F. THE INTENT IS TO PROVIDE OUTDOOR AIR TEMPERATURE SENSOR LOCATED ON ROOF. DUCT TEMPERATURE SENSOR IN EX RTU-5 SUPPLY DUCT, AND ROOM MOUNTED TEMPERATURE SENSOR IN VESTIBULE. THE VVT DAMPER SHALL FULLY CLOSE WHEN OUTDOOR AIR TEMPERATURE IS GREATER THAN 45 DEG F AND DUCT AIR TEMPERATURE IS GREATER THAN 85 DEG F. THE DAMPER SHALL OPEN WHEN EITHER THE OUTDOOR AIR TEMPERATURE IS LESS THAN 45 DEG F OR THE DUCT AIR TEMPERATURE IS LESS THAN 70 DEG F. THE DAMPER SHALL CLOSE WHEN THE ROOM MOUNTED TEMPERATURE SENSOR IS GREATER THAN 60 DEG F AND LESS THAN 85 DEG F. THE DAMPER SHALL OPEN WHEN THE ROOM MOUNTED TEMPERATURE SENSOR IS LESS THAN 60 DEG F OR GREATER THAN 85 DEG F.
16	PROVIDE VVT CONTROL DAMPER ON VESTIBULE SUPPLY BRANCH. PROVIDE WITH CONTROLLER AND TEMPERATURE SENSORS AS REQUIRED.



MECHANICAL FLOOR PLAN
1/16" = 1'-0"

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Revisions		
No.	Description	Date

Project Number: **24843**
Scale: **3/16" = 1'-0"**
Date: **1.15.25**

MECHANICAL FLOOR PLAN

M1

NOT FOR CONSTRUCTION