

LEGEND

- HVAC SUPPLY DUCT
- - - EXHAUST DUCT
- ⊗ HVAC AIR REGISTER 24 X 24, TITUS #TMS
- ⊕ THERMOSTAT
- ⊕ ELECTRIC DUCT HEATER
- ⊕ VARIABLE AIR VOLUME DAMPER
- ⊕ EXHAUST BLOWER
- ⊕ VARIABLE FREQUENCY DRIVER
- ⊕ RETURN AIR GRILLE TO BE TITUS #50.
- ⊕ RETURN AIR CASSED OPENING IN WALL - (ROOM TO CEILING) - TO EQUAL 200 SQ. IN.

- NOTES:
- EACH ROOM TO HAVE AN OPENING BETWEEN ROOM CEILING SPACE AND HALL CEILING FOR RETURN AIR (32X12, TYP).
 - RETURN AIR ABOVE CEILING IN MECHANICAL ROOM COORDINATE LOCATION OF EXISTING CONDITIONS.
 - HVAC DUCTS ARE DRAWN DIAGRAMMATICALLY. CONTRACTOR TO INSTALL TO MEET EXISTING CONDITIONS.
 - WHERE DUCTS AND/OR VAV BOXES ARE SHOWN AS FUTURE, RUN DUCT INTO ROOM AND BLANK OFF.
 - ALL NEW DUCTWORK SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.
 - ADD VOLUME DAMPERS AT ALL DUCTWORK TEES, BRANCHES, AND TAKE OFFS.
 - WRAP ALL DUCT EXTERNALLY WITH 1" THICK, R-4.2 DUCT WRAP.
 - ALL RECTANGULAR DUCT WORK SHALL HAVE WARD ANGLE CONNECTIONS.

