THE FIRST BRANCH TAKEOFF AFTER REHEAT COIL SHALL BE MIN. 48" DOWNSTREAM

TERMINAL BOX (I.E. VAV/CAV)

FOUR DUCT DIAMETERS OF STRAIGHT INLET DUCT, MATCHING NECK SIZE OF TERMINAL BOX, 24" MIN, 48" MAX.

DDC & ELECTRIC CONTROLS
- MIN 36" WORKING CLEARANCE
  PER NEC
PNEUMATIC CONTROLS
- MIN 24" MAINTENANCE CLEARANCE

WHERE CONNECTION TO MAIN IS GREATER THAN 48" LONG, TRANSITION TO BRANCH DUCT, SIZE PER PLANS. IF SIZE IS NOT NOTED ON PLANS, BRANCH DUCT SHALL BE 2" LARGER THAN BOX INLET NECK.

SIDES VIEW

NOTES:
1. FLEX DUCT IS NOT ALLOWED UPSTREAM OR DOWNSTREAM OF TERMINAL BOXES, EXCEPT IN THE BRANCH CONNECTION DIRECTLY TO DIFFUSER/GRIFFES.
2. TERMINAL BOX CONSTRUCTION THAT INCORPORATES A FACTORY PROVIDED ACCESS DOOR IN THE SIDE OF THE BOX CASING ARE ALLOWED TO MOUNT THE REHEAT COIL DIRECTLY TO THE TERMINAL BOX DISCHARGE OPENING AND FOREGO THE SHEET METAL EXTENSION BETWEEN BOX & COIL.
3. TERMINAL BOXES SHALL BE MOUNTED NO HIGHER THAN 2' ABOVE THE CEILING GRID & SHALL BE LOCATED SO AS TO ALLOW CLEAR VERTICAL LADDER ACCESS FOR MAINTENANCE.

TYPICAL TERMINAL BOX
INSTALLATION DETAIL

- SCALE: NONE