

NOTES

- All ducts to be sealed
- The exact location of grills/ registers to harmonize with other trades
- All rooms without return grills shall have doors undercut
- Any ducts passing through unconditioned space to be insulated to min R12 and wrapped in a vapor barrier
- All S/A branches to be equipped with balancing dampers
- Basement return(s) are low wall all other returns are to be a high wall
- Kitchen fans are not to exceed 500cfm
- Assume all S/A branches to be 5" unless stated otherwise
  R/A branches at 14 x 5.50 are to be installed into 2 x 6 walls
- The exact location of bathroom vents to be decided on site
- If HRV is recommended assume it to have a simplified connection unless stated otherwise.
- If more than one (1) HRV is indicated assume the Principal Exhaust load to be shared and the circulation switch will be interlocked to operate units simultaneously. Duct HRV to a cold air return
- plenum. Minimum 6'6" horizontally from the furnace.
- Furnace fan must run continuously.
- Any rooms over 10' \*\*\*Ceiling fans are highly recommended\*\*\*
  Installation to comply with current OBC regulations and follow
- manufacturers recommendationsAny ducts penetrating fire separation must be equipped with fire
- dampers as per OBC 3.1.8.7

   Location of A/C units to comply with OBC and manufacturers location
- and installation recommendationsAll branch connections will be at the discretion of the installer and must
- meet OBC code requirements

   All equipment installation will meet OBC requirements and
- manufacturers recommendations.

   Equipment specified may be substituted with comparable make and
- models, Must meet indicated loads specified in final reports.

   The duct design has allotted for movements of ducts 6" either way to
- accommodate on-site structural necessity. The design is based on plans submitted to Ontario HVAC Design by the builder/contractor/owner. Ontario HVAC Design is not responsible for changes made to the duct design during construction. Ontario HVAC Design will not be performing any on-site final inspection.





