l		12. Principal Ventilat					n Fan
l	Location:	MECH					
ı	Manufacturer:	Vanee					
ı	Model:	8#U			✓ HVI Rated		
ı	<b>Rated Airflow:</b>	Low:		CFM	High:		CFM
		Sones:	0.6	•	ESP:		_" w.d
	75 % Sensible Efficiency @ 0 C <sup>0</sup> % Sensible Efficiency @ -25 C <sup>0</sup>					CFM	
ı						CFM	
(If HRV/ERV was used, the system must also comply with SB-12)						B-12)	

## **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 recommendations • Any 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 recommendations
- All 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.





