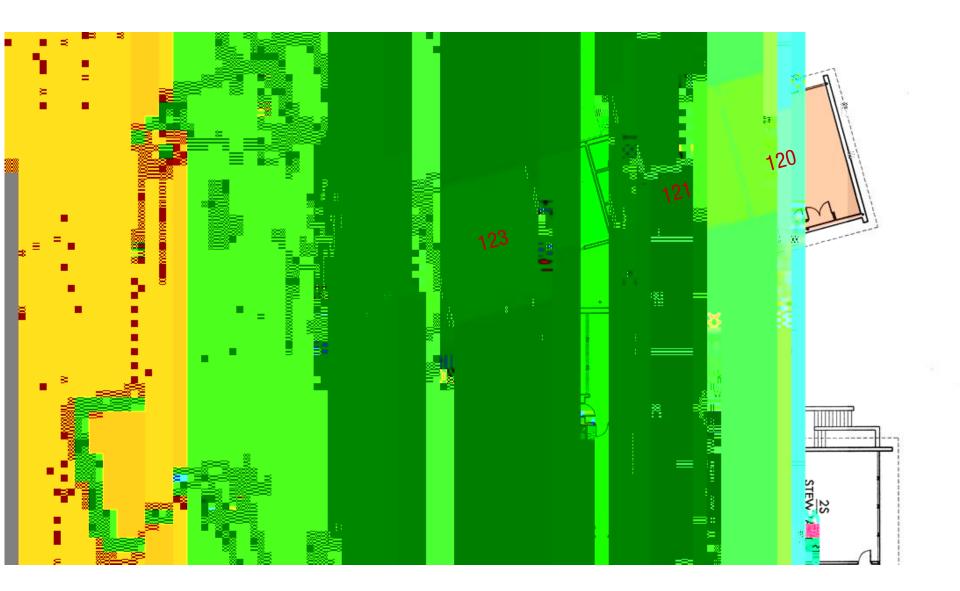
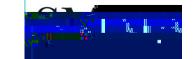
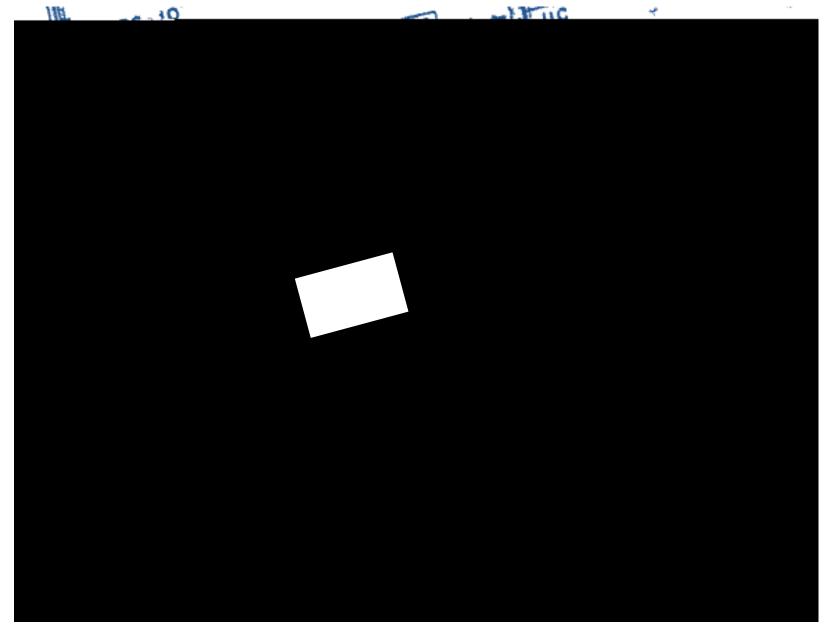
Building Committee Meeting Wellesley

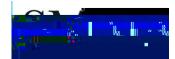


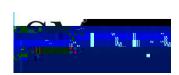


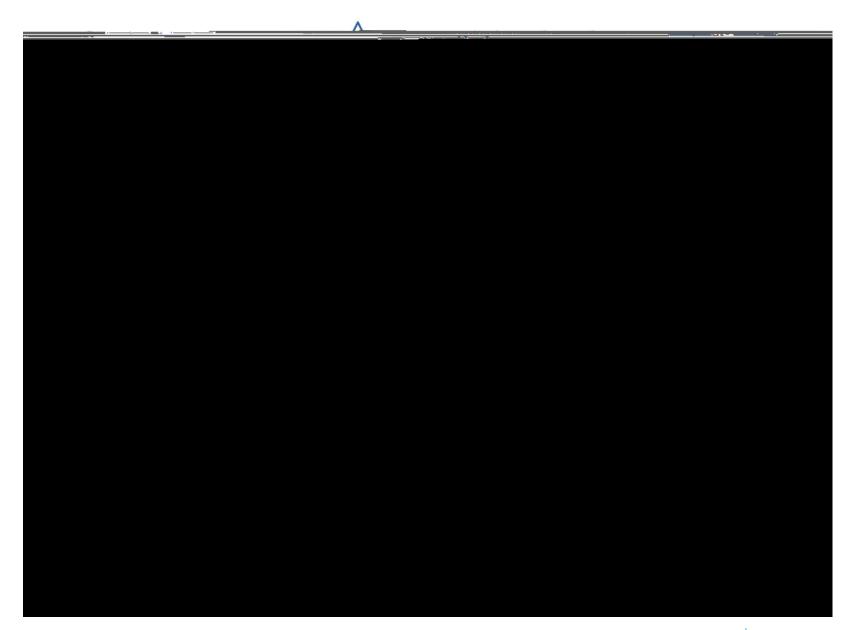


HVAC Configuration

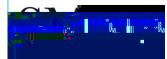
Plan of Classroom 121

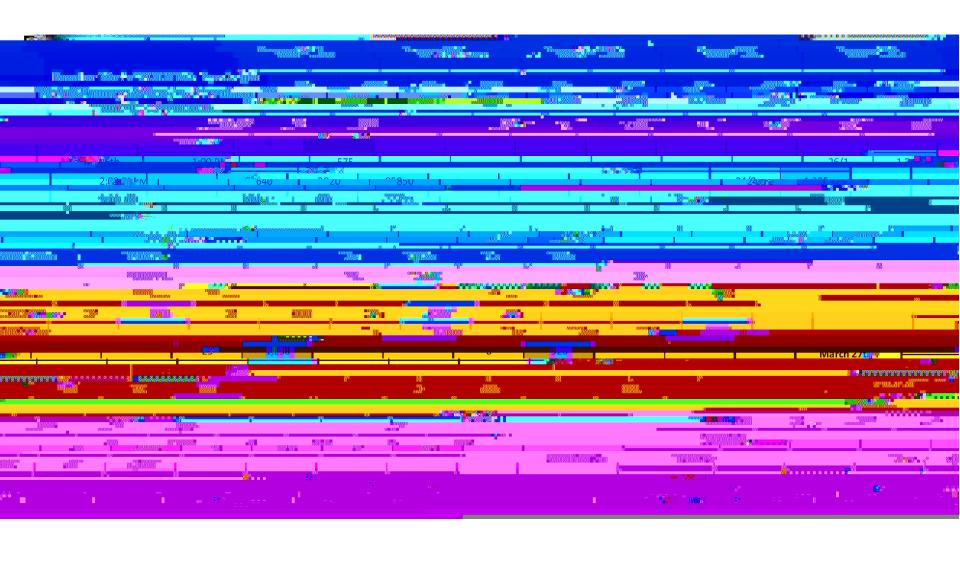




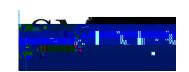












ASHRAE 90.1 Std for Indoor Air Quality

Ambient plus 700: Target 1,060 ppm

Massachusetts DPH

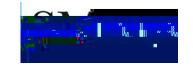
Public Buildings: Target 800 ppm

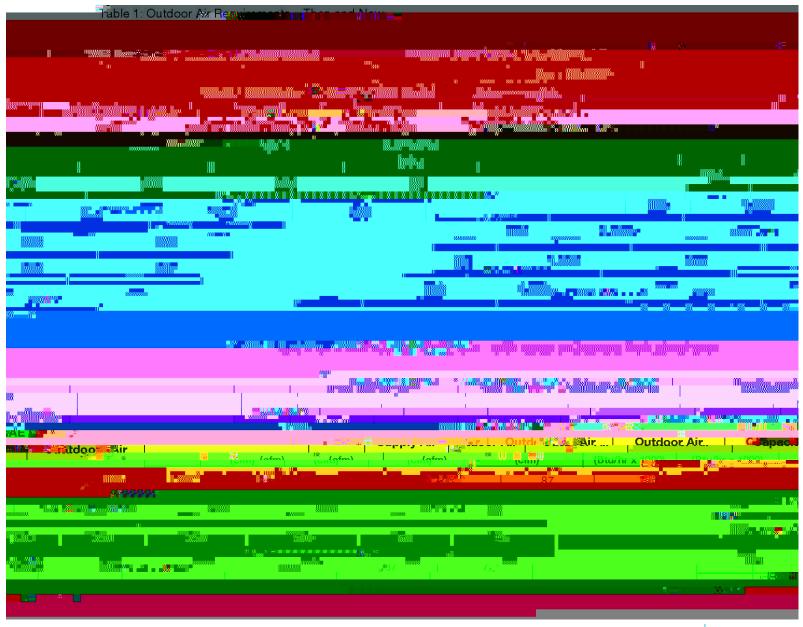
Schools: Target 600 ppm

OSHA

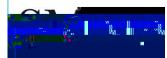
5,000 ppm for 8 hours











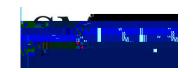
Classroom HVAC equipment is in reasonably good condition and appears to be well maintained.

Above-design occupancy correlates with high CO₂ readings from March 2013 IAQ study.

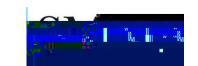
Operable windows are in each classroom and can be used to enhance ventilation.

Guidelines for ventilation design under consideration by the MSBA are relevant to the issue of indoor air quality.





- 1. Continue a course of preventive maintenance for the installed systems, including periodic equipment tune-ups.
- Consider making adjustments to the unit ventilators to increase the amount of fresh air delivered to the classrooms.
- Consider upgrades to the classroom exhaust systems to provide a corresponding increase in exhaust air from each classroom to match the increase in outdoor air provided through Item 2. (Anticipated cost may warrant this being done at a later date.)



Building Committee Meeting Thank you

