

December 14, 2018

Mr. Thomas Brouwer
Lead Account Manager
National Grid
170 Medford Street
Malden, MA 02148

Reference: Estimated Gas Loads
Wellesley Office Park
Wellesley, MA. 02148

Wozny/Barbar & Associates, Inc. has been retained by Hanover Company to provide Plumbing, Electrical and HVAC services.

The project consists of 350 apartment units, wood framed, on top of a concrete podium. The building total area is 389,200 SF. The podium area is 61,200 SF and 6000 sf of retail under the podium. The retail is expected to be a café/restaurant.

The project will also have an attached precast parking garage that is 7 levels – 625 parking spaces, this garage is intended to be naturally ventilated.

The following is a list of proposed gas-fired equipment to be used:

Proposed Gas Meter Requirements:

Individual Tenant Meters (7 inches of water column)

350 Gas Water Heaters – 199 CFH EACH	69,650 CFH
--------------------------------------	------------

House Meter #1 (7 inches of water column)

HVAC –	
- 4 Gas Fired Furnaces – (3 @ 90 CFH EA & 1 @ 110 CFH)	380 CFH
Gas Fireplace	40 CFH

House Meter #2 (7" of water column)

Pool Heater	400 CFH
Gas Fireplace	
Gas Fire Pit	90 CFH

Café/Restaurant Meter (10 inches of water column)

Mr. Thomas Brouwer, Lead Account Manager
National Grid
Estimated Gas Loads for Wellesley Office Park
December 17, 2018
Page 2

Kitchen	– 2000 CFH	2,000 CFH
MAU	700 CFH	700 CFH

Generator Meter (11 inches of water column)

Generator	2,600 CFH
-----------	-----------

Proposed Connected Load: **75,860 CFH**

If you have any comments or questions, please do not hesitate to call Wozny/Barbar & Associates.

Regards,

John J. Del Tufo, LEED AP
Senior Associate
Director of Plumbing and Fire Protection