Titan Mechanical, Inc.

Design Build Engineering · Mechanical Contracting · Service

232 Riverside Industrial Parkway · Portland, ME 04103 · Ph 207.878.5223 · Fax 207.878.5235
P.O. Box 103 · Newport, ME 04953 · Ph 207.368.2503 · Fax 207.368.2395

April 19, 2013

Allied / Cook Construction
P.O. Box 1396
Portland, Maine 04104
Attn: JP Schwartz

Re: Berlin City Toyota Scion Lexus

Dear JP,

I am writing this letter to confirm that the minimum exhaust flow rate required for repair garages was met and installed per the 2009 International Mechanical Code that was in force during the time this project was in the permitting phase with the City of Portland

The requirement per this code is 0.75 cfm/ft². As calculated, the occupiable floor area of this repair garage is approximately 235' x 45' = 10,575 ft². At the code rating of 0.75 cfm/ft² = 7,930 cfm required . The designed and installed exhaust fan is 8,850 cfm @ 0.3" static.

Below is an excerpt from the code book. I have also scanned copy of the full code book page under separate cover.

TABLE 403.3—continued
MINIMUM VENTILATION RATES

OCCUPANCY CLASSIFICATION	PEOPLE OUTDOOR AIRFLOW RATE IN BREATHING ZONE CFM/PERSON	AREA OUTDOOR AIRFLOW RATE IN BREATHING ZONE R_a CFM/FT²[a]	DEFAULT OCCUPANT DENSITY #/1000 FT²[a]	EXHAUST AIRFLOW RATE CFM/FT²[a]
Storage				
Repair garages, enclosed parking garages[b,d]	—	—	—	0.75
Warehouses	—	0.06	—	—

Please feel free to contact me with any questions or concerns.

Sincerely,

John P. Nolan, P.E.