

Certificate of Design Application

From Designer:	Bruce W. Man	cheod, P.E.	
Date:	11/5/08		
Job Name:	AVENUE AUTO	CO. ANNEX	······
Address of Construction:	745-757 FC	REST AVE	
Constr	2003 Internation auction project was designed to	al Building Code the building code criter	ia listed below:
Building Code & Year 2003	JBC Use Group Classificat	tion (s)	and an analysis and a second and
Type of Construction	WPROTECTED		
	pression system in Accordance wi	ith Section 903.3.1 of the 2	2003 IRC NO
Is the Structure mixed use?	If yes, separated or non	separated or non separated	d (section 302.3)
	Geotechnical/Soils repo		
		- ; ; .	,
Structural Design Calculations			_ Live load reduction
Submitted for all	structural members (106.1 – 106.11)		Roof live loads (1603.1.2, 1607.11)
Design Loads on Construction Uniformly distributed floor live loads Floor Area Use OFFICE 506		<u>42pst</u>	Roof snow loads (1603.7.3, 1608) Ground snow load, Pg (1608.2) If $Pg > 10$ psf, flat-roof snow load Pg If $Pg > 10$ psf, snow exposure factor, Pg If $Pg > 10$ psf, snow load importance factor, Pg Roof thermal factor, Pg (1608.4)
4440-444		42 psf	Sloped roof snowload, P3 (1608.4)
Wind loads (1603.1.4, 1609)			Seismic design category (1616.3)
Design option utiliz Design option utiliz Basic wind speed (1 Design option utiliz Building category at		. 1	Separate Basic seismic force resisting system (1617.6.2) Response modification coefficient, and
Wind exposure cate to 1/6 Internal pressure coef	table 1604.5, 1609.5) " gory (1609.4)	Simplified 0.047	deflection amplification factor _{Cl} (1617.6.2) _ Analysis procedure (1616.6, 1617.5) _ Design base shear (1617.4, 16175.5.1)
:	sures (7603.1.1, 1609.6.2.1)	Flood loads (1	803.1.6, 1612)
Earth design data (1603.1.5, 161	4-1623)		Flood Hazard area (1612.3)
Simplified 1617 Design option utiliz	ed (1614.1)		Elevation of structure
Seismic use group (Other loads	
0.328 O.124 Spectral response co	pefficients, SDs & SD1 (1615.1)		Concentrated loads (1607.4)
Site class (1615.1.5)			Partition loads (1607.5)
			Misc. loads (Table 1607.8, 1607.6.1, 1607.7, 1607.12, 1607.13, 1610, 1611, 2404



Accessibility Building Code Certificate

Designer:	Bruce Willackerol, PE.
Address of Project:	745-757 Forest AUE
Nature of Project:	New Building for
	USED CAR SALES OFFICES
The technical submissions	overing the proposed construction work as described above have been
	applicable referenced standards found in the Maine Human Rights
	with Disability Act. Residential Buildings with 4 units or more must
	Housing Accessibility Standards. Please provide proof of compliance if
applicable.	
Will Girman	
BRUCE W	*

(SEAL)

Signature: ______ LML C

Title: Professional Enginee?

Firm: MacLead Structural Engineers, All

Address: 404 Main St

Gorham, Me 04038

Phone: 207-839-0980

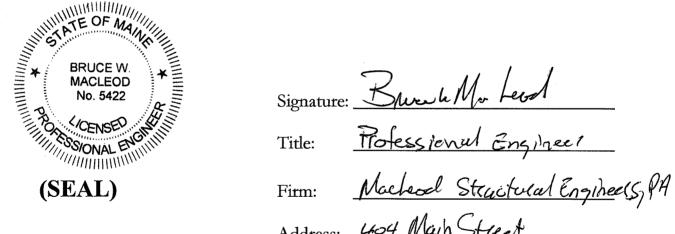
For more information or to download this form and other permit applications visit the Inspections Division on our website at www.portlandmaine.gov



Certificate of Design

Date:	W/5/08	
From:	Bruce W. Macheod, &C	
•	or specifications covering construction work on: 757 Forest AUE, Portland, Me	
TT 1 1 1 1		

Have been designed and drawn up by the undersigned, a Maine registered Architect / Engineer according to the *2003 International Building Code* and local amendments.



Address: 404 Main Steet

Corhan Me.

Phone: 207-839-0980

For more information or to download this form and other permit applications visit the Inspections Division on our website at www.portlandmaine.gov