

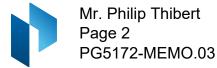
Further to your request and authorization, Paterson Group (Paterson) prepared the current memorandum to provide geotechnical recommendations regarding the pavement structure to be used overlying the underground parking structure. The memorandum should be read in conjunction with Paterson Report PG5172-1 Revision 1 dated June 21, 2021.

The pavement structures provided in Tables 1 and 2 below are recommended where the proposed pavement structure is to be located overlying the concrete podium deck.

Table 1 - Recommended Asphalt Pavement Structure - Access Lanes/Heavy Loading Parking Areas		
Thickness (mm)	Material Description	
40	Wear Course - Superpave 12.5 Asphaltic Concrete	
50	Binder Course - Superpave 19.0 Asphaltic Concrete	
150	BASE - OPSS Granular A Crushed Stone	
SUBGRADE – protection board and/or rigid insulation over concrete podium deck		

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Ottawa



Minimum Performance Graded (PG) 58-34 asphalt cement should be used for this project. The pavement granular base and subbase should be placed in maximum 300 mm thick loose lifts and compacted to a minimum of 99% of the material's SPMDD using suitable vibratory equipment.

We trust that the current submission meets your requirements.

Best Regards,

Paterson Group Inc.

-Kevin A. Pickard, EIT



David J. Gilbert, P.Eng.

Ottawa Head Office 9 Auriga Drive Ottawa – Ontario – K2E 7T9 Tel: (613) 226-7381 Ottawa Laboratory 28 Concourse Gate Ottawa – Ontario – K2E 7T7 Tel: (613) 226-7381 Northern Office and Laboratory 63 Gibson Street North Bay – Ontario – P1B 8Z4 Tel: (705) 472-5331

