



**OLIVER, MANGIONE, McCALLA
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Job: 89-7094

July 14, 1989

Auto-Parks Unlimited
1112-180 MacLaren Street
Ottawa, Ontario
K2P 0L3

Attention: Mr. Brian Karam

Re: Proposed Parking Garage
Jack Purcell Park

Dear Sir:

This letter is to provide you with a budget cost estimate for a proposed parking garage under Jack Purcell Park. The proposed facility will be a two level cast-in-place concrete structure for approximately 520 cars with one exit/entry from Frank Street and one exit/entry from Waverly Street. Refer to the enclosed sketches SK-1, SK-2 and SK-3. Jack Purcell Park will be reinstated over the garage at the conclusion of the construction.

The following is the budget cost breakdown.

Sitework and park reinstatement	\$ 170,000.00
Concrete structure	3,100,000.00
Moisture protection and parking membrane	580,000.00
Mechanical and exhaust system	250,000.00
Electrical	350,000.00
Sprinklers	200,000.00
Miscellaneous contingencies	300,000.00
Contractor's overhead and profit	500,000.00
Design Fees	250,000.00
TOTAL:	\$ 5,700,000.00

The cost per parking stall is approximately \$11,000.00 per

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stall. We trust this letter is sufficient for your purposes at this time. If you have any questions, please do not hesitate to contact us.

Yours very truly



P. Chiarelli, P.Eng.
OLIVER, MANGIONE, McCALLA & ASSOCIATES LIMITED

PC/st

Union Square Garage - San Francisco similar example