



M I Architects, Inc. A California Corporation

ARCHITECTURE . PLANNING . MANAGEMENT . DESIGN

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## Written Project Description

Date: December 22, 2023

**Proposed Express Carwash**  
**2378 Old Middlefield Way**  
**Mountain View, CA**

On behalf of our client Mr. Atam Sandhu, we are providing a written description for the improvement of the above referenced property. The project is a reconstruction and a conversion of the self-serve carwash to an express carwash. The scope of the work includes demolish 1,886 sf. carwash building, remove pole sign and vacuum units. The new project consists of 1,260 sf. carwash tunnel with conveyor, a 370 sf. carwash equipment room, a 120 sf. vacuum equipment room, a 90 sf. employee restroom and 120 sf. office. The site improvements include self-serve vacuum stalls, trash enclosure, site lighting, monument sign and landscaping. The following are items to be considered in this project:

- **EMPLOYEES:** There is (1) employee per shift. There are (2) shifts per day, (7) days per week.
- **HOURS OF OPERATION:** The existing hours of operation are 24 hrs. per day, 7days a week, 365 days per year. The proposed hours of operation are 7:00 am to 10:00 pm, 7days a week, 365 days per year.
- **CUSTOMERS:** There are average of (150) customers per day at the existing carwash. The estimated number of customers of the proposed carwash will be (150) customers per day also.
- **RECYCLED CARWASH WATER:** Prior to discharge to the public sewer system, the used carwash water runs through (2) types of treatment tanks the first tank is the sand/oil separator. This tank includes (2) compartments. The sand oil separator intercepts the sand in the first compartment and the oil in the second compartment. The access water then leaves the sand /oil separator tank to the clarifier tank. The clarifier tank consists of (3) compartments to clear the water for the reuse by the carwash equipment. The percentage of the recycled water to be re-used in the carwash will be controlled by the reclaim system
- **SITE LIGHTING:** The exterior lighting levels will be enough to ensure the safety of the facility, but to not provide glare or excessive light spillage onto adjacent properties or the public right-of-way. The proposed exterior light fixtures will be LED, down-lit and fully shielded to avoid potential glare toward the street or adjacent properties.

If you have any questions, please do not hesitate to give me a call.  
I can be reached at (925) 287-1174 x1.

Sincerely,

*Muthana Ibrahim*

Architect, President  
**M I Architects, Inc.**