

Cut-Sheet

Dumpster Enclosure Fencing and Swinging Doors

Project Name: CAR WASH

Project Location: 14615 JEFFERSON AVE, DETROIT, MI

1. Fencing Overview

- **Type of Fence:**
 - Vertical steel picket fence (standard) or chain-link fence.
 - **Height:** 6 feet (or as per project specifications).
 - **Post Material:** Galvanized steel, 4" diameter (standard) or as per project requirements.
 - **Fence Material:** Powder-coated steel or chain-link mesh (standard).
 - **Finish:** Galvanized or powder-coated finish in [color], with rust-resistant coating.

2. Swinging Doors

- **Door Design:**
 - Double swinging doors, 6 feet high, 4 feet wide per door.
 - **Material:** Galvanized steel or powder-coated steel, matching the fence finish.
 - **Door Frame:** Square tubing (2"x2" or 2"x4" depending on load requirements).
 - **Hinges:** Heavy-duty steel, designed for high-frequency use.
 - **Locking Mechanism:** Commercial-grade latch or heavy-duty padlock system (with optional safety lock).
 - **Reinforcement:** Cross-braced for additional strength and durability.

3. Gate Hardware and Accessories

- **Hinges:**
 - Size: 8" for smooth operation.
 - Material: Heavy-duty steel with a rust-resistant finish.
 - Placement: Top and bottom hinges for secure door operation.

- **Latching Mechanism:**
 - Type: Heavy-duty commercial-grade latch with an optional padlock.
 - Placement: Center of each door for easy access.

4. Concrete Base and Footings

- **Post Footings:**
 - Diameter: 12”
 - Depth: 36”
 - Concrete Strength: 3000 psi or as per project specifications.
- **Post Installation:**
 - Posts shall be anchored in concrete to ensure stability and prevent shifting.

5. Additional Notes

- **Wind Load Considerations:**
 - Designed to withstand local wind load requirements, including those for Michigan per [local codes].
- **Maintenance:**
 - Periodic inspection and lubrication of door hinges and latches is recommended for continued smooth operation.
- **Accessibility:**
 - Swinging doors designed for ease of access, with a maximum door opening width of 4 feet per side.