Dumpster Enclosure Fencing and Swinging Doors

. 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 rustresistant coating.
- . 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.

. 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"
- o 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.







