Sliding Gate, Finish Galvanized

PRODUCT

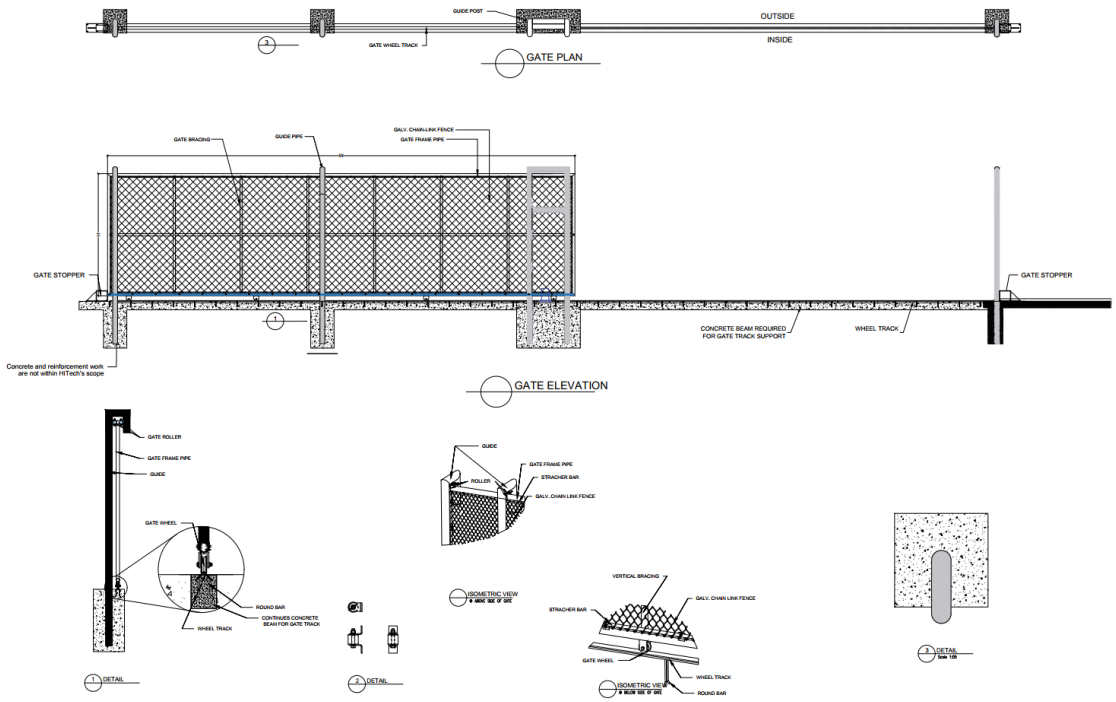
The Sliding Gate is a factory-fabricated steel gate assembly designed for controlled vehicular and pedestrian access openings within perimeter chain-link fencing systems.

Generally consists of a steel gate frame (sliding leaf), chain-link mesh infill, structural gate/track posts, a heavy-duty roller and guide track system, a locking/latching system, and associated supporting and fixing accessories. The gate is suitable for integration with matching Hitech chain-link perimeter fencing and is available in a range of sizes to suit project requirements.



ACCESSORIES

- Heavy-duty rollers / roller carriages
- Locking/latching system
- Top and bottom guide rollers
- Gate fixing hardware
- Mesh fixing accessories
- Post accessories
- Protective touch-up material, where applicable



شركة حديد الصناعية
التقنية العليا
HITECH
STEEL INDUSTRIES

Sliding Gate, Finish Galvanized

FEATURES

- Sliding gate configuration
- Robust fabricated steel construction
- Chain-link mesh infill
- Corrosion-protected steel components
- Heavy-duty roller and track arrangement
- Secure locking/latching system
- Suitable for integration with perimeter fencing
- Factory-fabricated assembly for efficient site installation
- Suitable for outdoor applications

APPLICATION

- Pedestrian entrances
- Service access points
- Residential developments
- Utility areas
- Equipment enclosures
- Vehicular entrances / driveways
- Sites with limited space for gate swing clearance



MATERIALS & COMPONENTS

COMPONENT	MATERIAL / DESCRIPTION
Gate Frame	Galvanized structural steel tubular sections
Gate Posts	Galvanized structural steel tubular sections (gate post / track post)
Bracing	Galvanized steel tubular members
Mesh Infill	Galvanized chain-link steel wire
Rollers / Track Hardware	Heavy-duty galvanized steel roller and track system
Lock	Galvanized steel locking/latching hardware
Fixings	Galvanized corrosion-resistant fixing hardware
Protective Finish	Hot-dip galvanized coating

TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Gate Configuration	Single sliding leaf
Gate Frame	Galvanized structural steel tubular frame
Gate Post	Galvanized structural steel tubular post / track post
Gate Bracing	Galvanized steel tubular bracing
Infill	Galvanized chain-link mesh
Mesh Wire	3.76 mm nominal
Mesh Opening	50 × 50 mm
Wire Standard	ASTM A668 (Extruded bonded), Class 1
Frame Finish	Hot-dip galvanized
Post Finish	Hot-dip galvanized
Roller/Track System	Hitech standard heavy-duty galvanized roller and guide track system (top/bottom rollers)
Locking System	Hitech standard galvanized locking/latching system
Operation	Manual or motor-operated sliding operation, as specified
Height	As per approved project
Width	As per approved project
Dimensions	As per approved project / shop drawing

STANDARDS & COMPLIANCE

ITEM	REFERENCE
Mesh Wire	ASTM A668 (Extruded bonded), Class 1
Galvanizing	BS EN ISO 1461 (Hitech standard hot-dip galvanizing specification)
Steel Components	As per approved project specification / manufacturer requirements
Welding	Controlled fabrication / manufacturer requirements

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