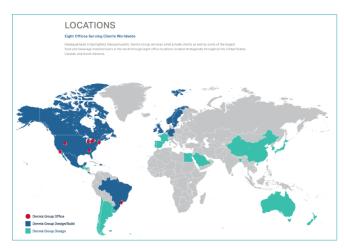


### **Optical Turnstile Entrances**

Optical Turnstile Arrays

Main Entrance and Two Corridors



TURNSTILES.us



### Dennis Group -Dreyer's Bakersfield, CA

Submitted to:

Dennis Group

Submitted by:

www.TURNSTILES.us, Inc.

January 2024

www.TURNSTILES.us is an organization dealing with the physical and electronic securing of building entrances with Turnstiles, Mantraps, EntraPASS Access Control Hardware, and Software since 1989.

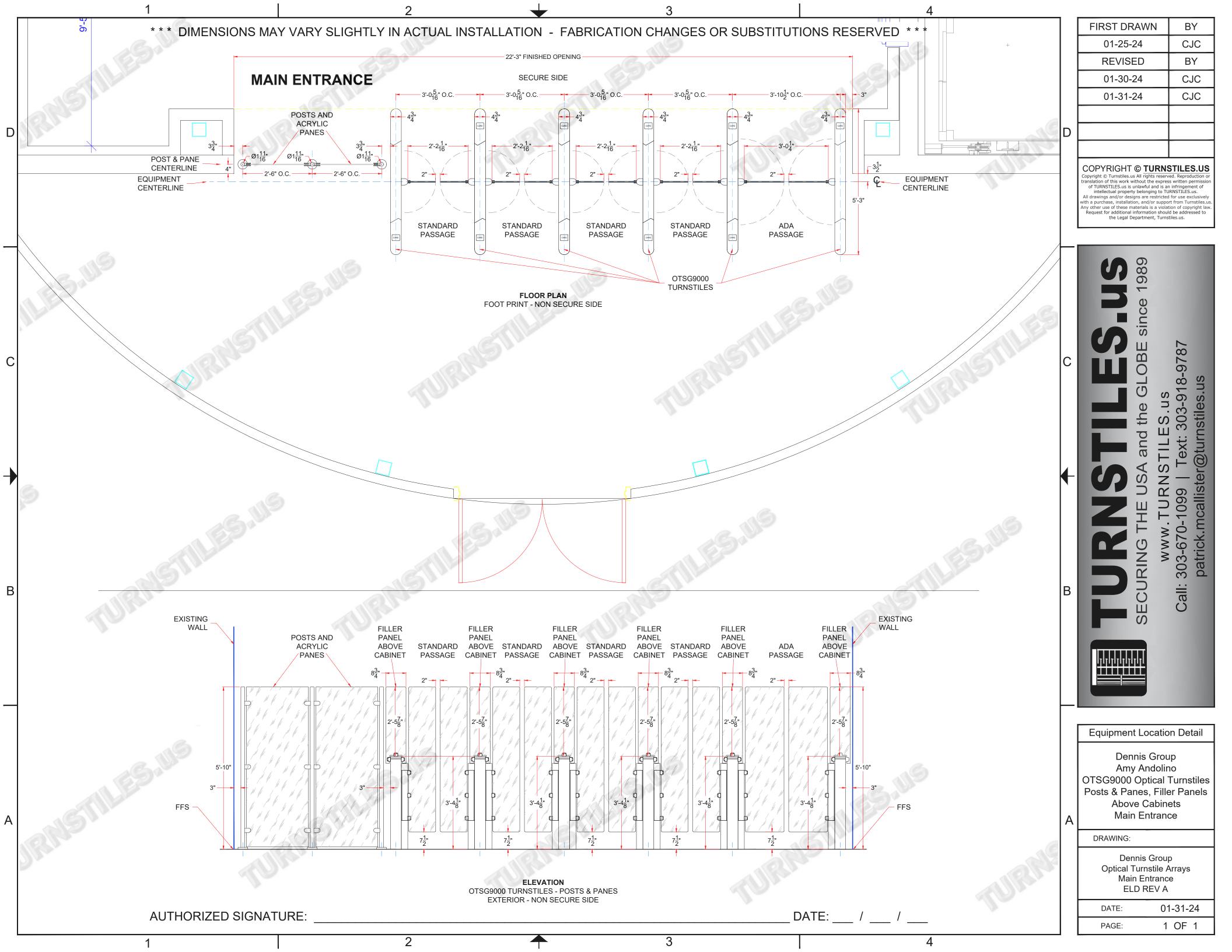
The team at TURNSTILES.us is honored to provide our Optical Turnstiles to the Dennis Group for use at Dreyer's facility in Bakersfield, CA. Please find featured equipment information, photos, and project documentation below. We appreciate the opportunity to secure your facility.

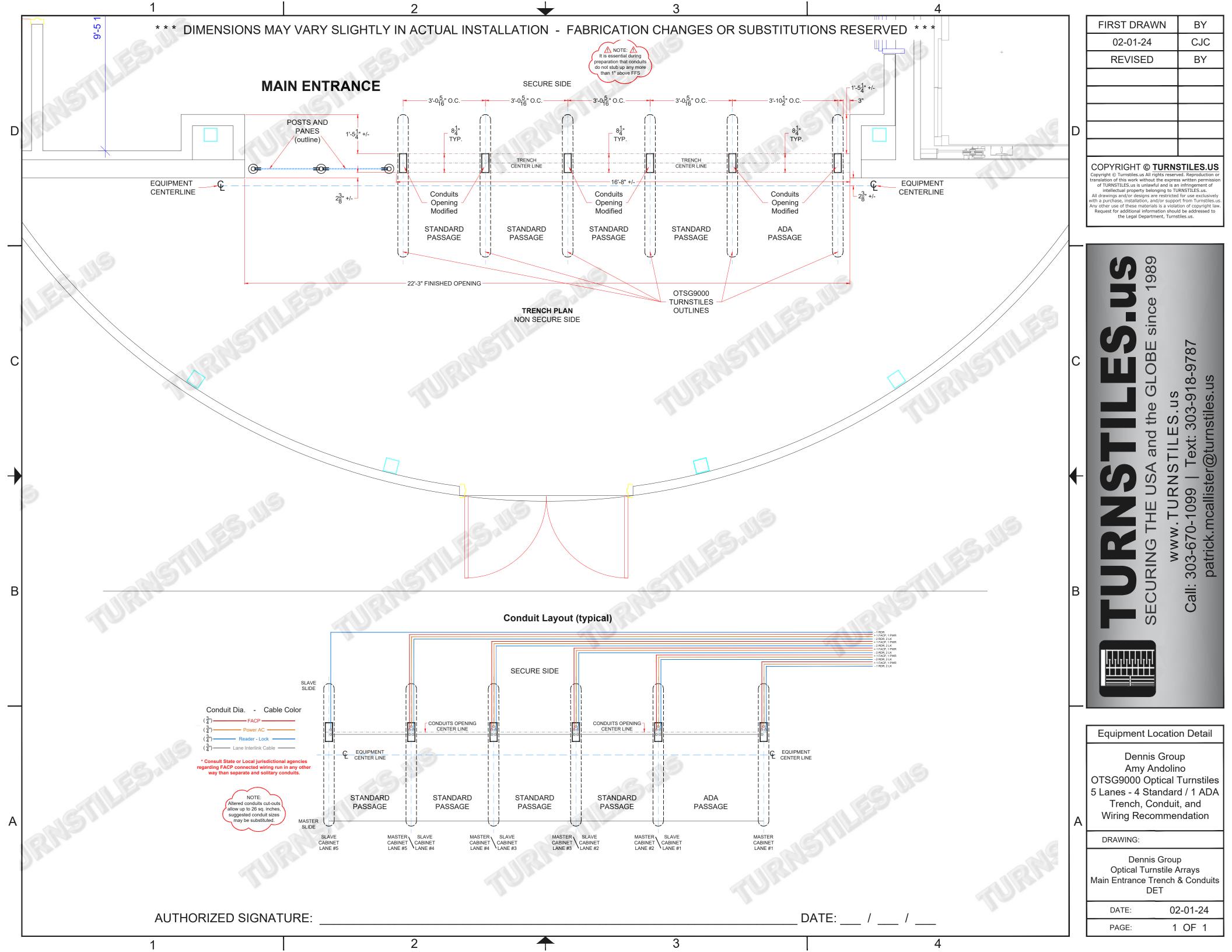
# Project Submittal

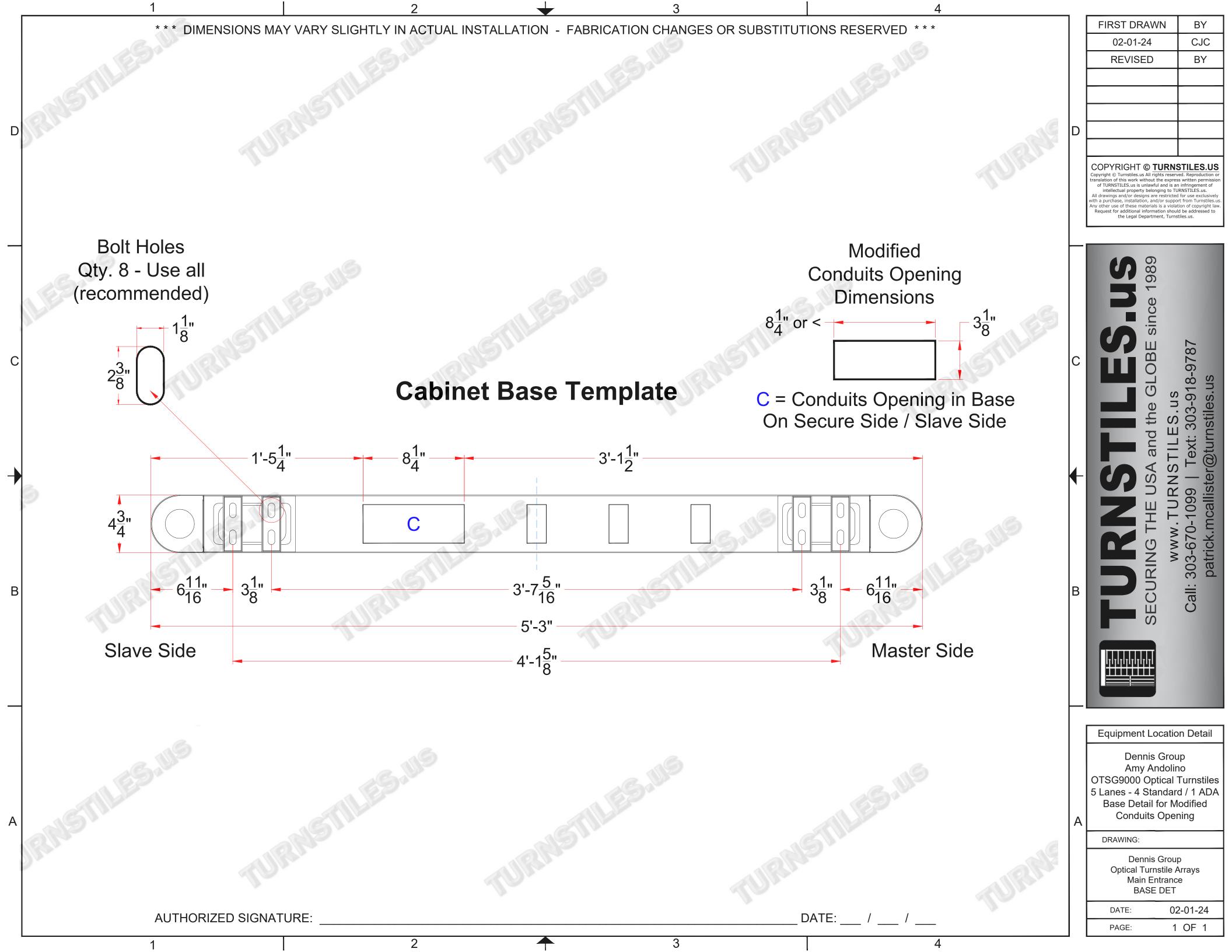
V 3.0

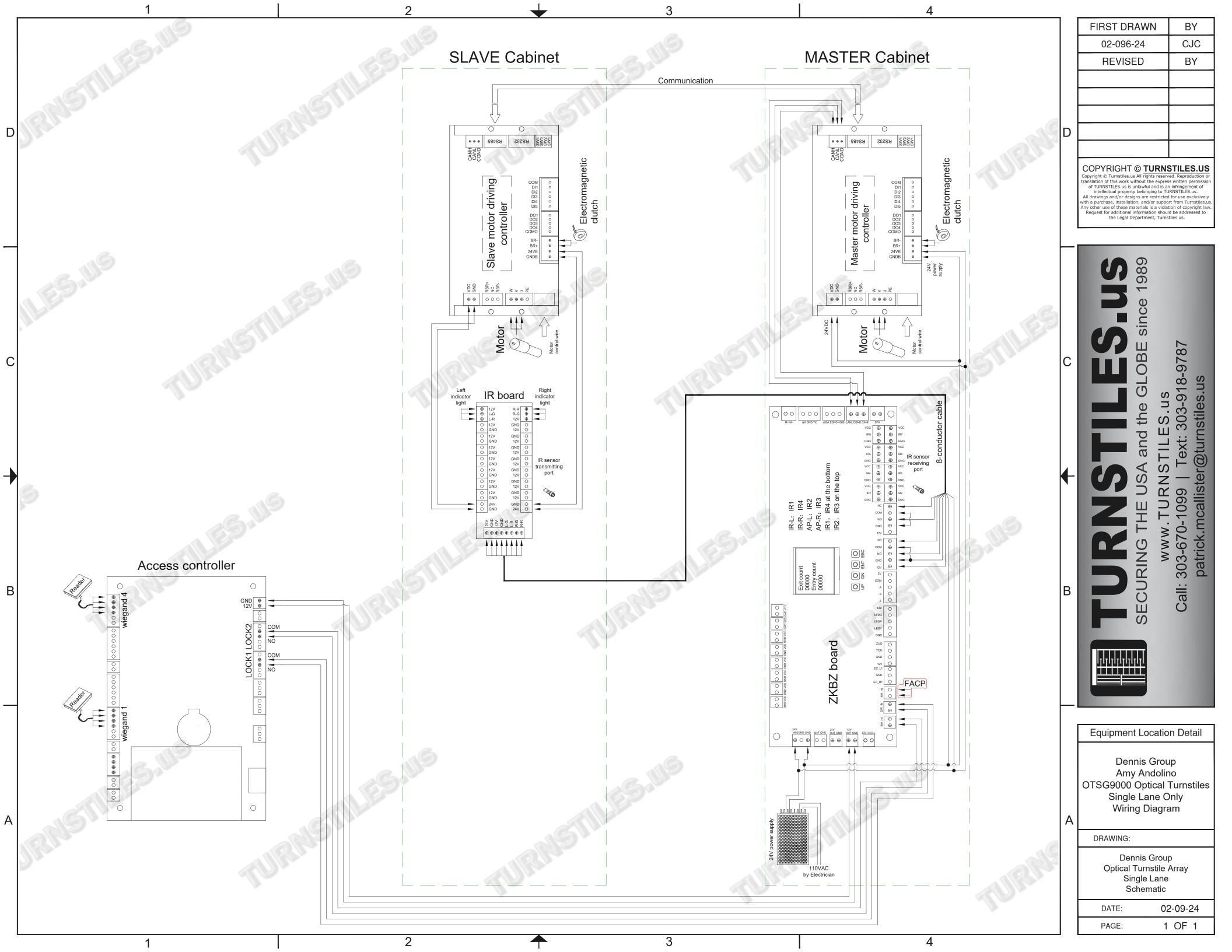


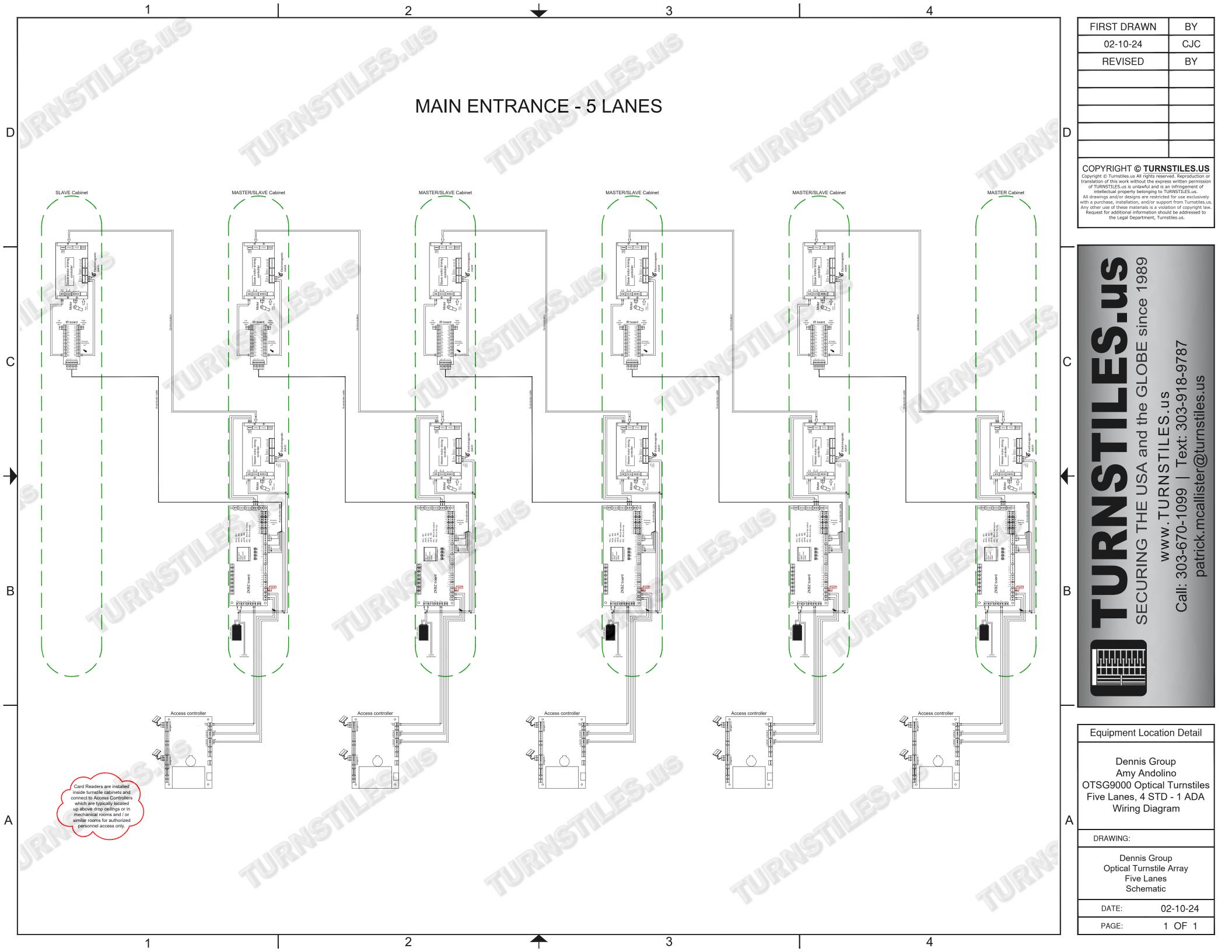
# **Main Entrance**













### MAIN ENTRANCE

- (4) Standard Lanes OTSG9000 special glass
- (1) ADA Lane OTSG9000-ADA special glass
- (10) Proximity Card Readers
- (6) Custom Pedestal Mount Clear Barriers
- (2) 5'10" Tall Clear Barriers





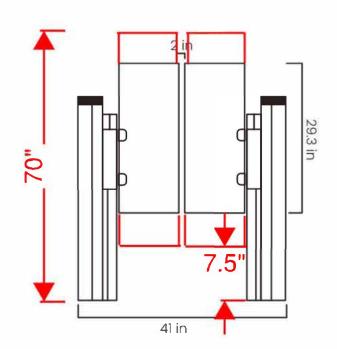
### **MAIN ENTRANCE**

### **DETAILS**

Custom Pedestal Mount Clear Barriers Tall Clear Barriers to Match Turnstile and Fill Space Custom High Glass Dimensions

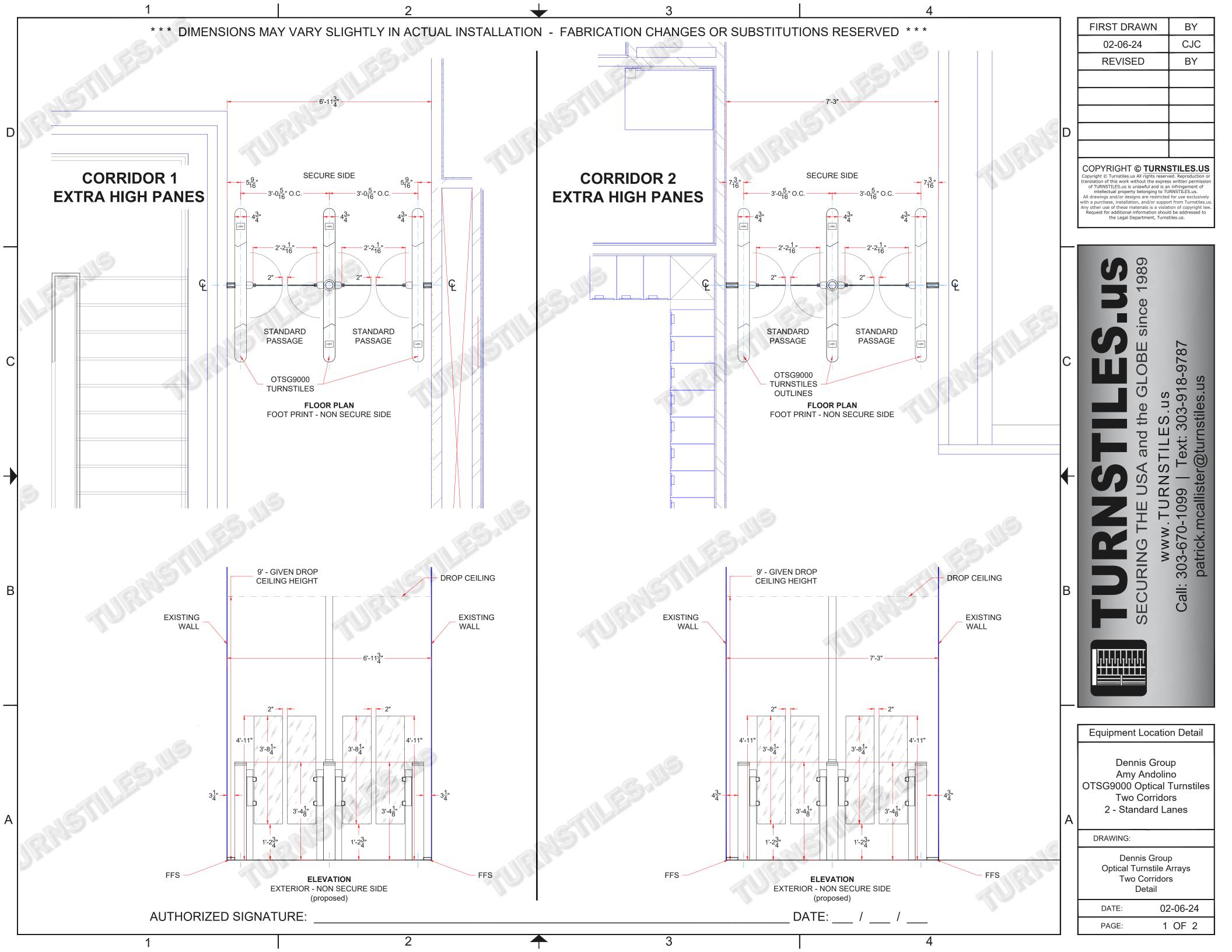


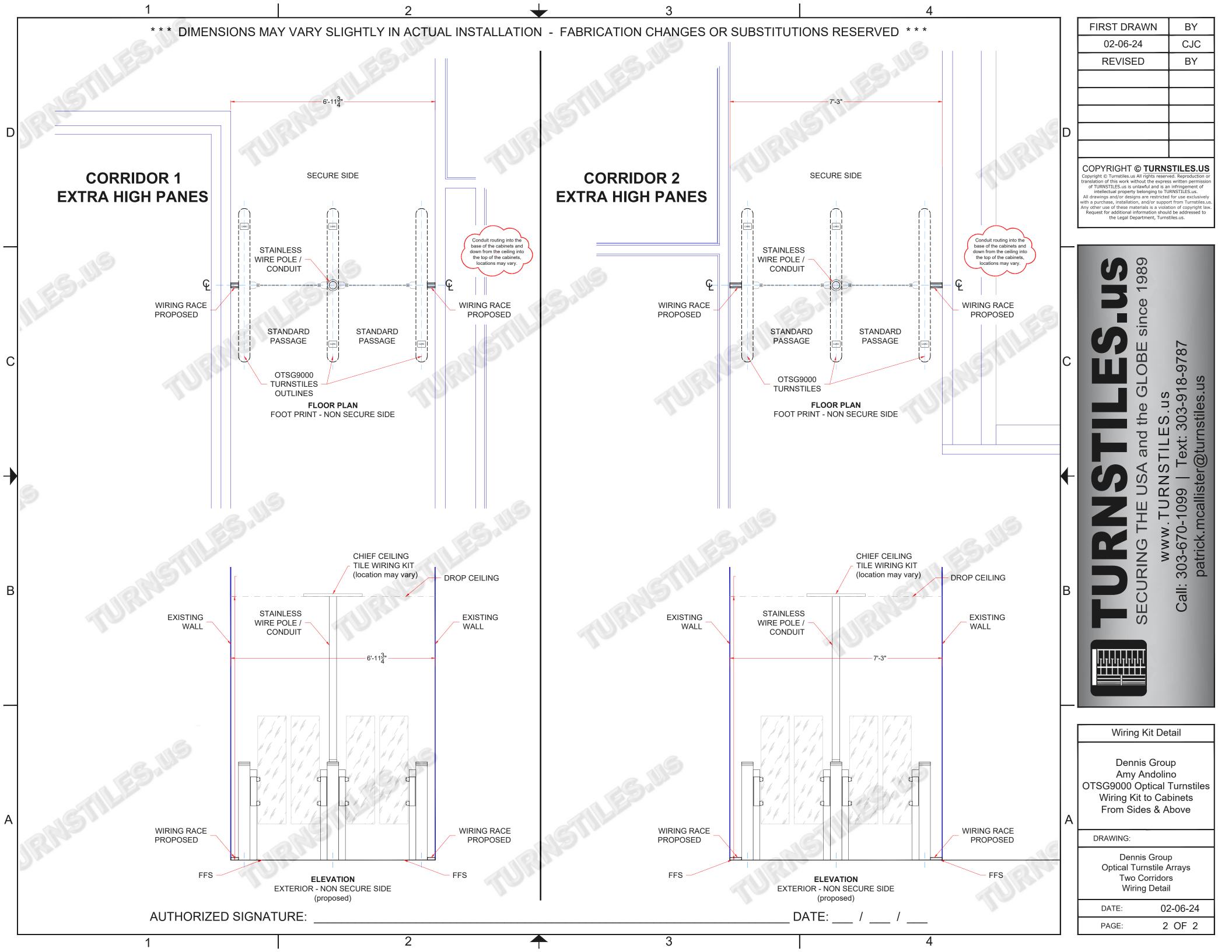






# Corridors







### CORRIDOR #1 - 83.75" Hallway

- (2) Standard Lanes OTSG9000 high glass
- (4) Proximity Card Readers
- (1) Chief Suspended Ceiling Tile Kit
- (1) SS Carriage Bolts, Nut and Lock Washer
- (1) 316 Grade Stainless Steel 1 7/8" OD Base Flange
- (1) 6' SS 3" Sch 80 Seamless 316 Pipe

### CORRIDOR #2 - 87" Hallway

- (2) Standard Lanes OTSG9000 high glass
- (4) Proximity Card Readers
- (1) Chief Suspended Ceiling Tile Kit
- (1) SS Carriage Bolts, Nut and Lock Washer
- (1) 316 Grade Stainless Steel 1 7/8" OD Base Flange
- (1) 6' SS 3" Sch 80 Seamless 316 Pipe



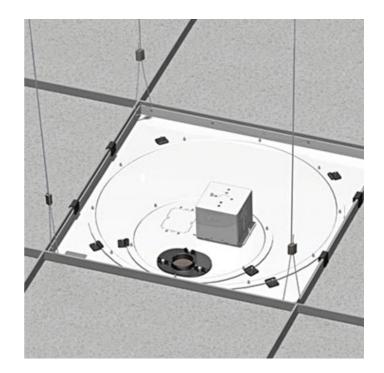


### CORRIDOR 1 and 2

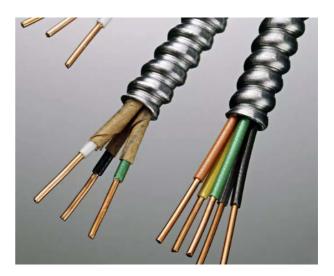
**DETAILS** 

Chief Suspended Ceiling Tile Kit
Carriage Bolts, Nut and Lock Washer, Flange
6' 316 Stainless Steel Pipe – 3" diameter
Flexible Conduit











# Product Data Sheets

### TURNSTILES.us



# **OTSG9000 SERIES**

OTSG9000 single lane speed gate
OTSG9011 single lane speed gate

(w/controller and RFID reader)

OTSG9022 single lane speed gate

(w/controller and fingerprint & RFID reader)

OTSG9033 single lane speed gate

(w/visible light facial recognition devices)

**OTSG9000** is an indoor speed gate series which featured by its modular reader panel design. The modularization of reader panel not only benefits the end user for easy upgrade or switching on reader but also helps relieving middleman's inventory pressure and allows them to have in-time market response.

## **DESIGN**

In order to respond to different market needs, all barrier turnstiles based on different verification methods need to be stocked in warehouse because switching among verification methods requires additional processing on the product, thus, huge inventory and processing cost will be incurred. For overcoming above issue, modularized structure design is used to integrate the reader, conversion board and top over into one modular reader panel, the installation and disassembling are only about pulling the plug and no drilling is needed. Benefited from this revolutionary design one can adopt various types of verification method which relieves inventory pressure from stocking up every type of barrier turnstile.



# **PERFORMANCE**

In order to improve the efficiency of pedestrian access management and user experience, we adopted a new type of servomotor which makes the speed gates have a faster opening speed and lower noise. The test results show that the opening speed is less than 1.2 seconds with the stand barrier panels if assembled the mid-height barrier panels instead, opening speed will be less than 0.8 seconds. The infrared sensors has increased to 10 pairs, which is 160% more than other similar products in order to provide more accurate logical judgment.



# QUALITY

Casing of the product is mostly made of superior SUS304 stainless steel for its remarkably high durability. The barrier panels are made of acrylic and have better aging resistance and impact resistance. From raw material procurement to production, a strict quality control and inspection system will be applied.



# **FEATURES**

- Modular reader panel in time market response
- Servomotor faster opening speed
- 10 Pairs of infrared snsors for stronger tailgate detection
- SUS304 stainless steel casing
- Higher durability for longer product life cycle
- Easy switch, easy installation RFID, fingerprint, face, etc.
- Bi-directional operation control
- LED passage indicator in both directions
- Convenient installation and maintenance
- Various optional panels
  0149 Emergency mode allows free access when power failures or emergency



# **FEATURES**

Power Requirements AC 100 - 120V/200 - 240V, 50/60Hz

Working Temperature -18.4 to 140°F

Working Humidity 20% - 95% (Non-Condincing)

Working Environment Indoor

Speed of throughput Maximum 40/minute

Lane Width (in) 26

Footprint (in) 63 x 41

Dimensions (in) 63 x 41 x 47.2

Dimensions with Packaging (in) 67 x 23.6 x 44.5

Net Weight 286.6 lbs

Weight with Packaging 330.7 lbs

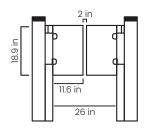
Cabinet Material SUS304 Stainless Steel

Lid Material SUS304 Stainless Steel + Acrylic

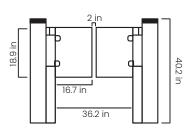
Barrier Material Acrylic
Barrier Movement Swing

**Emergency Mode** Yes

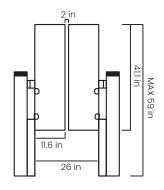
# **OPTIONAL PANELS**



Low Barrier Panels

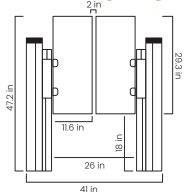


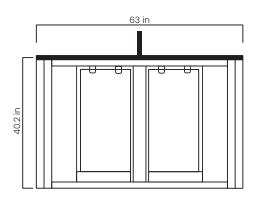
Wide Barrier Panels



Extra Height Barrier Panels

# **DIMENSIONS (IN)**





# TURNSTILES.us



### **OTSG9200** Series

**OTSG9200** Speed gates for additional lane **OTSG9211** Speed gates for additional lane (w/ controller and RFID reader)

**OTSG9222** Speed gates for additional lane (w/ controller and fingerprint & RFID reader)

**OTSG9233** Speed gates for additional lane (w/Visible light facial recognition devices)

# OTSG9200 is designed to work with OTSG9000 series for forming multiple lanes.

### Design

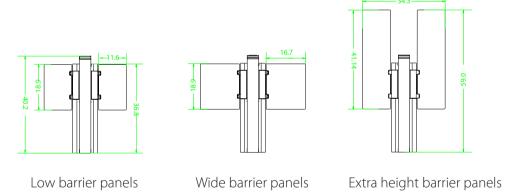
General device needs to have holes in the top cover before installing the reader head. In most cases, in order to quickly respond to the market, various types of barrier turnstiles are required to be in warehouse. In order to solve this problem, modularized structure design is used in the device. We integrate the reader, conversion board and top cover into a modular reader panel. The disassembly and installation of the reader head only need to pull the plug, without drilling holes in the top cover and purchasing new conversion board. Just prepare one model and multiple models of reader panel in warehouse, to meet various market demands.



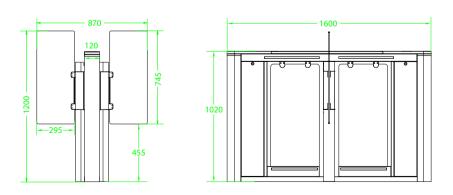
### **Specifications**

Power requirements	AC 100 ~ 120V/200 ~ 240V, 50/60Hz
Working temperature	-28°C~ 60°C
Working humidity	20%-95% (Non-condensing)
Working environment	Indoor
Speed of throughput	Maximum 40/ minute
Lane width(mm)	660
Footprint(mm*mm)	1600*870
Dimensions(mm)	L=1600, W=120, H=1200
Dimension with packing(mm)	L=1700, W=300, H=1130
Net weight(kg)	86kg
Weight with packing(kg)	100kg
Cabinet material	SUS304 Stainless Steel
Lid material	SUS304 Stainless Steel+Acrylic
Barrier material	Acrylic
Barrier movement	Swing
Emergency mode	Υ
Security level	Medium

### Optional panels (in)



### **Dimensions (mm)**





# User Manual

# Speed gates OTSG9000 series

Applicable Model(s): OTSG9000, OTSG9011, OTSG9022, OTSG9033, OTSG9200, OTSG9211, OTSG9222, OTSG9233

Version: 1.0

Date: June 2019

### Contents

1. Product Introduction	1
1.1 Model number and access control	1
1.2 Chassis design and dimensions	1
1.3 The mechanical system of the speed gates	2
1.4 Electric control system	2
1.5 Operation principle of the speed gates	3
1.6 System composition of the product	4
1.7 Specifications	4
2. Installation of the Product	5
2.1 Installation notes	5
2.2 Installation position of the speed gates	5
2.3 Cables installation and fixing	6
3. Menus	9
3.1 Menu operations	9
3.2 Menus	9
3.3 Functions introduction of wiring and terminal	12
4. Troubleshooting	13
5. Product Maintenance	14
5.1 Chassis	14
5.2 Movement	14
5.3 Power	14

1

### 1.1 Model number and access control

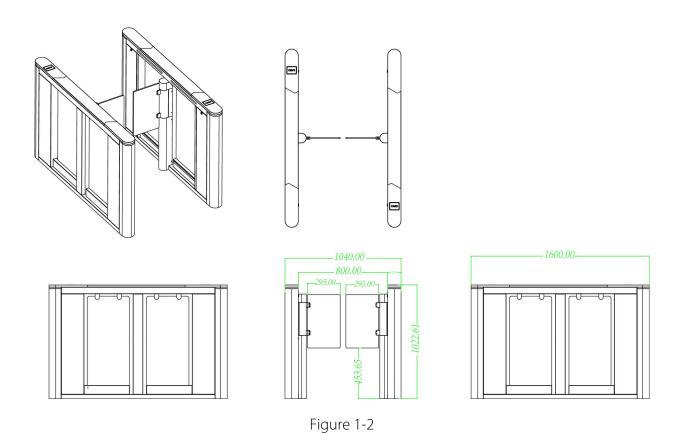
Access Model	None	C3-200 and 2*Wiegand reader	inBio 260 and 2* FR1500/ID reader	2*Facedepot 7B device
OTSG9000	√			
OTSG9011		√		
OTSG9022			√	
OTSG9033				√
OTSG9200	√			
OTSG9211		√		
OTSG9222			√	
OTSG9233				√

Figure 1-1

### 1.2 Chassis design and dimensions

The SUS304 stainless steel body looks simple and clean and is anti-corrosion. The turnstile grants legal access to the authorized persons and restricts illegal access. In case of an emergency, the lock will release to allow fast evacuation and egress.

Below is the design and dimensions of OTSG9000:



### 1.3 The mechanical system of the speed gates

The mechanical system of the swing turnstile is composed of the cabinet and the core mechanism. The cabinet is equipped with the mode indicator, the infrared sensor, and the locking system. The core mechanism mainly consists of the motor, the chassis, the core, and the swing arm (the glass panel).

### 1.4 Electric control system

The electric control system of the swing turnstile is mainly composed of the master control panel, the infrared sensor, the mode indicator, and the loudspeaker.

**Master control panel**: The master control panel is the core part of the control system that receives signals from the photoelectric switch, performs logical judgment and processing of these signals, and issues executive commands to the mode indicator, the servo motor driver and the loudspeaker.

**Infrared sensor**: It detects the location of the pedestrian and plays a safe protection function.

**Mode indicator**: This indicator shows the current passing mode status of the channel and guides the passenger to pass the passage orderly and safely.

**Loudspeaker**: The system will trigger the alarm if it detects any unauthorized entry to the lane.

### 1.5 Operation principle of the speed gates

◆ When the device is connected to the power, the system will perform self-check. The device will operate normally if no problem is detected. If a failure is detected, the system will display related messages on the LCD display screen so that the user can have a quick knowledge of and solve the problem.

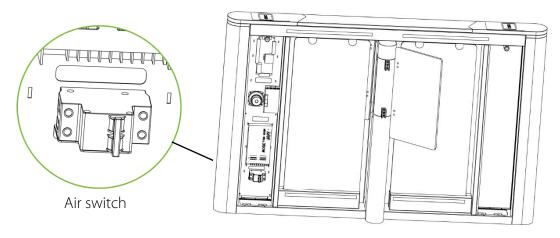


Figure 1-3

- ◆ When the reader detects a valid card/fingerprint, the display screen will show whether it is successful or not. And the switch instruction signal is transmitted to the master control panel.
- After receiving the signal from the reader and the infrared sensor, the master control panel will send valid control signals to the servo motor driver. At this time, if the system is in forbidden passing mode, the mode indicator light will turn red, and the master control panel will not accept signals of card swiping/fingerprint scanning.
- ◆ After the passenger passes the channel according to the opening direction of the swing arm, the infrared sensor will keep detecting the movement of the pedestrian throughout the passage and continue to deliver signals to the main control panel until the pedestrian passes through the passage.
- If the pedestrian enters the passage but forgets to swipe his/her card, or if the card held by the passenger is invalid, the system will prompt an audible alarm to warn the pedestrian to stop passing. The alarm signal will not be cancelled until the passenger retreats from the passage. A pedestrian can pass through the lane only after successful verification with a valid card read by the card reader.

### 1.6 System composition of the product

The single-passage management system is composed of two single-core speed gates. The multipassage management system is composed of two single-core barriers and multiple dual-core barriers.

### Working modes of the system

To meet different needs, this system provides multiple working modes for users, including the normal working mode, normally open mode, normally closed mode, and testing mode.

After supplying power to the device, the LCD screen on the control board will display a default state, which is the current working mode.

### 1.7 Specifications

Dimension (mm)	H1000: L = 1600, W =120, H = 1022		
Communication	CAN	Input voltage	AC110~240V, 50-60Hz
Input control signal	Switching signal	Output voltage	DC 24V
Time of opening/closing	0.8 Sec (adjustable)	Relative humidity	20% - 95% (Non-condensing)
Temperature	-28°C to 60°C	Passage rate	Maximum 30/minute
Infrared sensor	10	Working environment	Indoor

### 2.1 Installation notes

- 1) It is recommended that the speed gates must be installed on a horizontal solid platform with a height of 50mm to 100mm.
- 2) It is also recommended that the swing turnstile should not be used in a corrosive environment.
- 3) Make sure the protective ground wire of the system is reliably connected to avoid personal injuries or other accidents.
- 4) The equipment shell is made of stainless steel. You may gently remove any dirt or dust on the surface with a soft and smooth fabric. Do not scrub the surface with hard objects. Do not rinse the device with water, otherwise there may be short circuit or damaging the equipment.
- 5) After installation, check if the connection is done correctly at the connecting points of the protective ground wire, at the connector assemblies and wiring points of the circuits, as well as at each movable part of the speed gates turnstile. Any loose nuts, screws and other fasteners should be tightened in time to avoid speed gates turnstile failures caused by longer operations.

### 2.2 Installation position of the speed gates

A distance of 100mm between the speed gates turnstile and the wall needs to be reserved for ease of opening the top cover of the machine to perform maintenance and adjustment. The reference figure is shown below:

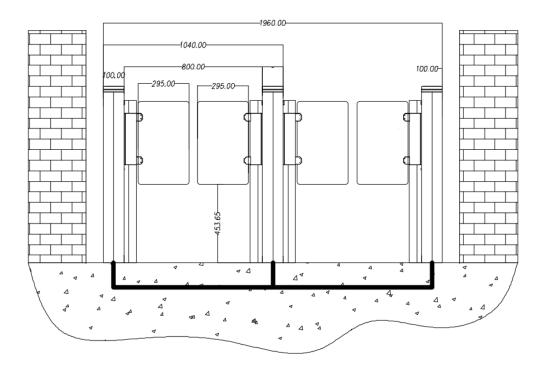
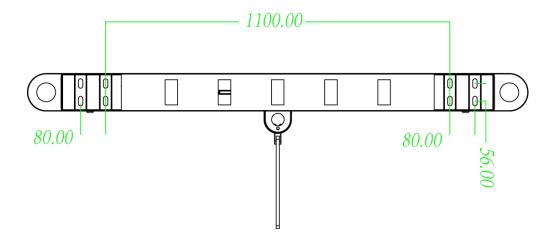


Figure 2-2

### 2.3 Cables installation and fixing

For the outlets of the concealed cables, please refer to the drawing indicating the mounting holes. The input voltage for this swing turnstile is AC110-220V, and its master and slave are connected with an 8-core cable (signal) and a 2-core cable (power). When installing the speed gates turnstile, the user only needs to connect it to the corresponding ports. Note that the PVC conduits are laid 100mm under the ground, with the height of the exposed part not exceeding 100mm. In addition, the conduit outlet is bent to prevent the ingress of water into the conduit.

Installation holes and cabling positions are as shown in Figure 2-3a:



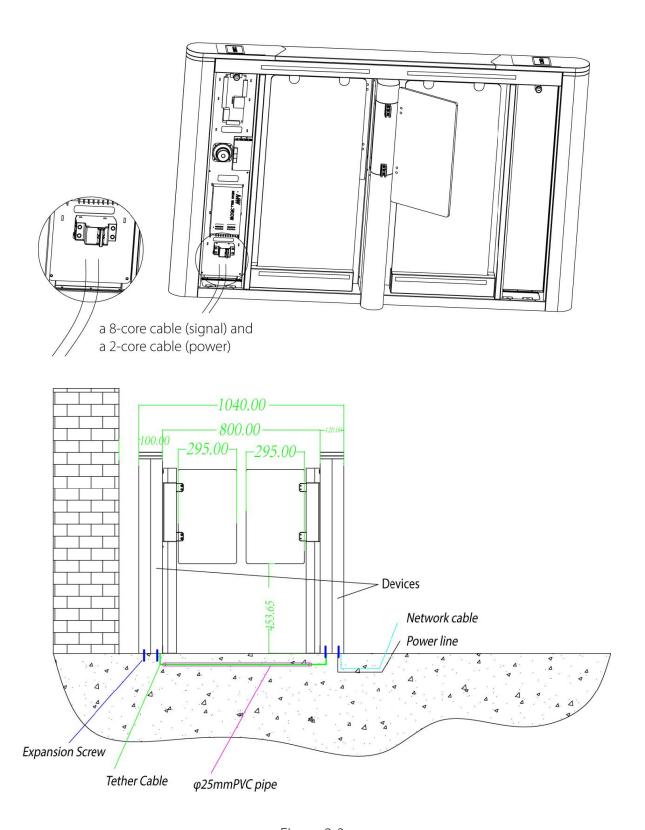


Figure 2-3a

Mark the anchor hole at the centre of the stand, and the edge of the chassis base on the ground according to the size as shown in Figure 2-3a. Use a hammer drill to drill M12 screw holes, then install the screws. Place the swing turnstile according to the size and respective installation position as shown in the figure before installation and fixing. Connect the turnstile to the power supply and

perform a power-on test. If the test is passed, tighten the screws. It is recommended to mark a warning line on the ground, as shown in Figure 2-3b, after installing the device to remind the pedestrian to stand behind the line when swiping the card.

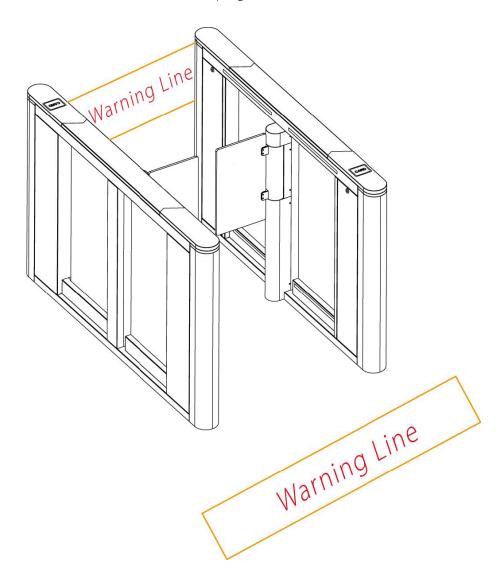


Figure 2-3b

3.1 Menu operations

Operating instruction

1) After powered on, the LCD screen on the control board will display the default state showing the

current working mode.

2) There are 4 buttons on the control board: UP, DOWN, ENT, and ESC, as shown in Figure 3-1.

**UP**: to move upwards or increase the value.

**DOWN**: to move downwards or decrease the value.

**ENT**: to enter a menu setting item or confirm the current modified value.

**ESC**: to return to the previous menu or cancel the current operation.

3) Operation and instruction of menu

Press the ENT button and enter the password input interface. The default password is: UP, UP, DOWN, DOWN, DOWN, DOWN. You may press the ESC button to erase the last input. After entering the menu, press UP or DOWN to choose a menu item, then press ENT to enter the interface and adjust

such function or value.

3.2 Menus

1. Position adjustment of the swing barrier

Type: zero (default)

Left limit

Right limit

2. Passing mode

Opening mode: Two-way swipe (default)

Left free, Right swipe

Left swipe, Right free

Two-way free

Left prohibit, Right swipe

Left swipe, Right prohibit

Left prohibit, Right free

Left free, Right prohibit

Two-way prohibit

### 3. Opening duration (Press 'ENT' to modify)

After the gate is opened, it will automatically close if no one passes through within a certain time duration. The default value is 5 seconds. The value ranges from 2 to 60.

### 4. Reverse intrusion

Mode: Close the door and voice alarm

Voice alarm only (default)

Turn off reverse detection

### 5. Trailing alarm detection

Mode: Turn off trailing detection

Voice alarm only (default)

Close the door and voice alarm

### 6. Opening speed

Speed value: 1~20 (default 1)

### 7. Closing speed

Speed value: 1~20 (default 1)

### 8. Swiping mode

Method: Allow the card to be swiped in the channel (default)

Do not allow card swiping in the channel

### 9. Reset counter

Reset: Out counter (default)

Into the counter

ΑII

### 10. Gate closing delay time

Time: 0~10 (default 0)

### 11. Brake unlock mode

Mode: Delay unlock (default)

### 12. Brake starting angle

Angle: 1~10 (default 3)

### 13. Fire alarm signal

Signal: right open

Left open (default)

Shut down

### 14. Volume setting

Volume: off

The value ranges from 1 to 16 (default 5).

1 is the minimum value; 16 is the maximum value.

### 15. Audio prompt for gate opening swift

Enable or not: No (default)

Yes

### 16. Infrared anti-pinch

Mode: Turn off the anti-pinch feature

Enabling anti-pinch (default)

### 17. Infrared anti-pinch area

Area selection: Disable during In and out of infrared (default)

All infrared zone anti-pinch

### 18. Memory opening

Whether to open: No (default)

Yes

### 19. System working mode

Mode: working mode (default)

Test mode

Restore to factory

### 20. Version number:

Version: V9.0.0

### 3.3 Functions introduction of wiring and terminal

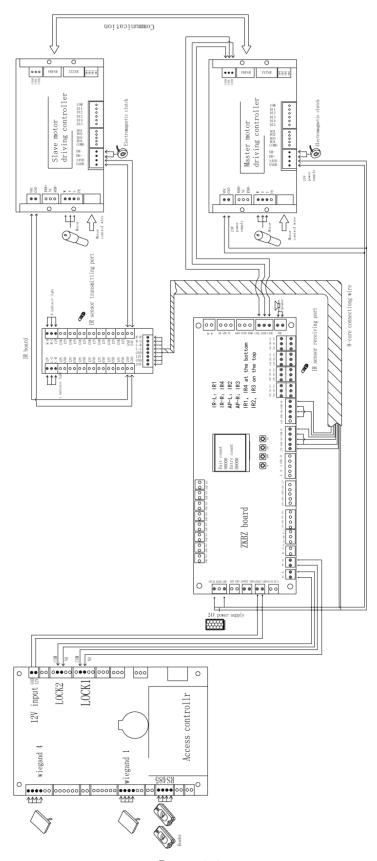


Figure 3-2

Number	Failure descriptions	Analysis and solution
1	The mode indicator light does not respond or the indication is incorrect.	Check that the control panel mode indicator wiring is correct or that the contact is poor.
2	After swiping the card, there is only a speed gate unlocked.	Check the mode setting of the master and slave devices and the 8-core, 2-core connection lines. See the wiring diagram for the specific connection circuit.
3	The barrier doesn't close when the opening delay time is ended.	Check to see if the opening delay time is too long or whether the IR sensor is covered.
4	When the gate is self-tested, the swing arm is not in the normal closing position!	In the process of self-test, there are obstacles, please remove the obstacles, restart the self-test after power-on!

### 5.1 Chassis

The chassis is made of SAE 304 stainless steel. When the device has been used for a long period, there may be rust or stain on the surface of the chassis. Remember to regularly sand the surface along the grain softly and carefully, then coat the surface with anti-rust oil. Avoid covering the infrared sensors.

### 5.2 Movement

Cut off the power supply before maintenance. Then, open the door, wipe off dust on the surface, and lubricate the transmission mechanism. Check and tighten others connection parts.

### 5.3 Power

Cut off the power supply before maintenance. Check the plug connection; if anything is loose, fix it. Do not randomly change any connection positioning. Check the external power supply insulation regularly. Do periodic check for any kind of leakage. Check if the technical parameters of each interface are normal. Check the service life of the electronic components.

**Caution:** The above-mentioned maintenance method of the speed gates, especially the movement and the electric control maintenance, must be carried out by professional personnel. Always remember to cut off the power supply before maintenance and repair.



# Installation Guide

# Speed gates OTSG9000 series

Applicable Model(s): OTSG9000, OTSG9011, OTSG9022, OTSG9033, OTSG9200, OTSG9211, OTSG9222, OTSG9233

Version: 1.0

Date: June 2019

### 1 Preparation

- 1. **Tools:** a measuring tape, an adjustable wrench, an impact drill and a small screwdriver (included in the package).
- 2. **Material:** a PVC anti-fire and insulation tube (diameter≥25mm), standard three-core power extension wire, tether cable (random configuration), M12 expansion screws (included in the package).
- 3. Thread the connection wire of the device through the tube before assembly.
- 4. The power and signal wires should be set separately to easily distinguish strong and weak power.

  Please invite professional personnel to complete the wiring. The device must be connected to the ground.

Below is the outline and dimensions:

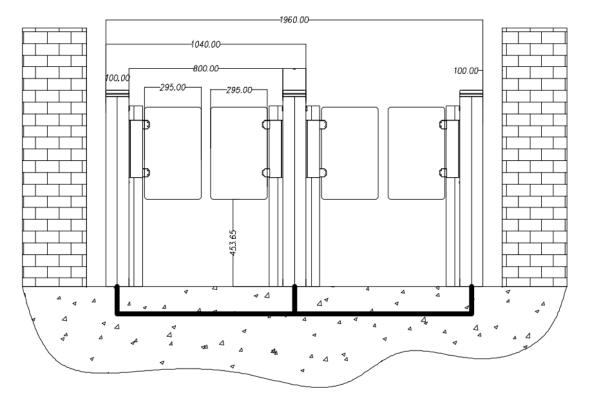


Figure 1-1

1

### 2 Installation

- 1. Prepare the tools for product installation and sort out the auxiliaries according to the packing list.
- 2. Drill holes after determining the hole positions based on the mounting template as shown in Figure 2-1. Insert the expansion bolt into the holes accordingly.

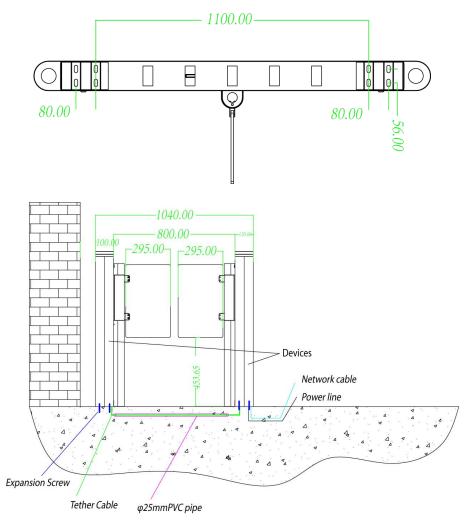


Figure 2-1

- 3. Tighten the nut preliminarily, then connect the master and slave devices with wires.
- 4. Test the operations of the device after connecting it to the power supply with the temporary cable. Make sure that the ground wire of AC power is connected to the cabinet of the device.
- 5. Turn on the air switch to test whether the device is working properly. Wait for 10 seconds for the turnstile to complete the self-test program. At the same time, check if the indicators work properly. If everything works fine, you can fasten the ground screw nuts and fix the device. If an exception occurs, please contact your vendor.

### 3 Debugging Functions

### Operating instruction

- 1. After powered on, the LCD screen on the control board will display the default state showing the current working mode.
- 2. There are 4 buttons on the control board: UP, DOWN, ENT, and ESC, as shown in Figure 3-1.

**UP:** to move upwards or increase the value.

**DOWN:** to move downwards or decrease the value.

**ENT:** to enter a menu setting item or confirm the current modified value.

**ESC:** to return to the previous menu or cancel the current operation.

### Menus

### 1. Position adjustment of the swing barrier

Type: zero (default)

Left limit

Right limit

### 2. Passing mode

Opening mode: Two-way swipe (default)

Left free, Right swipe

Left swipe, Right free

Two-way free

Left prohibit, Right swipe

Left swipe, Right prohibit

Left prohibit, Right free

Left free, Right prohibit

Two-way prohibit

### 3. Opening duration (Press 'ENT' to modify)

After the gate is opened, it will automatically close if no one passes through within a certain time duration. The default value is 5 seconds. The value ranges from 2 to 60.

### 4. Reverse intrusion

Mode: Close the door and voice alarm

Voice alarm only (default)

Turn off reverse detection

### 5. Trailing alarm detection

Mode: Turn off trailing detection

Voice alarm only (default)

Close the door and voice alarm

### 6. Opening speed

Speed value: 1~20 (default 1)

### 7. Closing speed

Speed value: 1~20 (default 1)

### 8. Swiping mode

Method: Allow the card to be swiped in the channel (default)

Do not allow card swiping in the channel

### 9. Reset counter

Reset: Out counter (default)

Into the counter

ΑII

### 10. Gate closing delay time

Time: 0~10 (default 0)

### 11. Brake unlock mode

Mode: Delay unlock (default)

### 12. Brake starting angle

Angle: 1~10 (default 3)

### 13. Fire alarm signal

Signal: right open

Left open (default)

Shut down

### 14. Volume setting

Volume: off

The value ranges from 1 to 16 (default 5).

1 is the minimum value; 16 is the maximum value.

### 15. Audio prompt for gate opening swift

Enable or not: No (default)

Yes

### 16. Infrared anti-pinch

Mode: Turn off the anti-pinch feature

Enabling anti-pinch (default)

### 17. Infrared anti-pinch area

Area selection: Disable during In and out of infrared (default)

All infrared zone anti-pinch

### 18. Memory opening

Whether to open: No (default)

Yes

### 19. System working mode

Mode: working mode (default)

Test mode

Restore to factory

### 20. Version number:

Version: V9.0.0

# 4 Troubleshooting

Number	Failure descriptions	Analysis and solution
1	The mode indicator light does not respond or the indication is incorrect.	Check that the control panel mode indicator wiring is correct or that the contact is poor.
2	After swiping the card, there is only a speed gate unlocked.	Check the mode setting of the master and slave devices and the 8-core, 2-core connection lines. See the wiring diagram for the specific connection circuit.
3	The barrier doesn't close when the opening delay time is ended.	Check to see if the opening delay time is too long or whether the IR sensor is covered.
4	When the gate is self-tested, the swing arm is not in the normal closing position!	In the process of self-test, there are obstacles, please remove the obstacles, restart the self-test after power-on!

### 5 Wiring Diagram

Below is the wiring diagram:

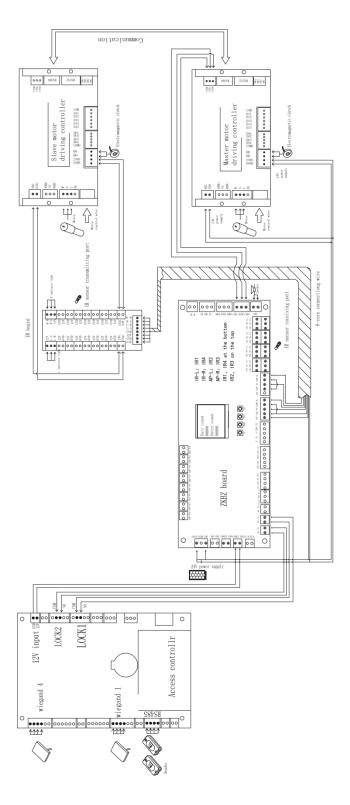


Figure 5-1







# KR500H SERIES

Multi-technology proximity card readers

KR500H is a series of outdoor IP67-rated tamper-resistant multi-technology proximity card readers capable of reading both HID and ZKAccess 125 kHz 26-bit proximity cards.

Due to its conveniently small mullion size, KR500H is the ideal card access solution for any metal doors with thin frames, parking gates, fences, turnstiles or any security device having a narrow mounting surface. KR502H and KR503H are designed for single-gang mounting. KR500H Series has a built-in Wiegand-Out port which can be connected to most any access control panel (including ZKAccess C3 and InBio door controllers).

# **PECIFICATIONS**

Technology Proximity

Supported Types HID 125kHz (ZKAccess)

KR500H Mounting Mullons, including metald doors and window frames

KR502H & KR503H Mounting Metal or platic US single-gang wall box, and flat surfaces

Indoor & Outdoor Installation Electronics sealed in weather & temperature-resistant epoxy potting

Keypad Model KR502H only

LED Indicator Red, green, amber, & "off" (represent 4 states)

Audio Indicator Beep

Wiegand Interface Wiegand-out port

Power Supply 5-16VDC

IP-Rating 67

Operating Temperature -35 F to 149 F

Operating Humidity 20% - 80%

KR500H Dimensions (HxWxD) 3.2 x 1.7 x 0.7 inches

KR502H Dimensions (HxWxD) 4.6 x 3 x 0.75 inches

KR503H Dimensions (HxWxD) 4.6 x 3 x 0.4 inches

Certifications FCC, ICC, CE, C-Tick, ETL Listed

KR500H & KR503H Current Draw 35 mA typical, 75mA peak @ 12VDC

KR502 Current Draw 70mA typical, 110mA peak @ 12VDC

Read Range KR500H up to 5 in / KR502H/KR503H up to 7 in

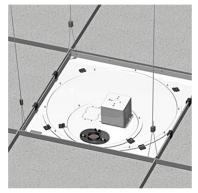
Cabling 18-AWG minimum, multi-conductor stranded with an overall foil shield



### **CHIEF CMS445**

### Speed-Connect Suspended Ceiling Tile Replacement Kit







### **Specifications**

**Dimensions & Measurements** 

Ceiling Tile Size: 2' x 2' (0.61 x 0.61m)

Depth: 23.6 in (59.9 cm) Height: 1.1 in (2.8 cm) Overall Dimensions:

1.1" x 23.6" x 23.6" (29 x 600 x 600 mm)

Shipping Weight: 22 lbs (10 kg) Weight Capacity: 50 lbs (22.7 kg)

Width: 23.6 in (59.9 cm)

**Characteristics & Features** 

**Accessory Type: Suspended Ceiling** 

Application: Ceiling

Ceiling Plate Type: Speed-Connect

Color: White Column Type: None

Includes Power Outlet: No Installation Type: Replacement Special Features: Surge and Filtering

Certifications

TUV UL Listed

### **Features**

- Easy to install solution for connecting power to drop-ceilings
- Includes power outlet housing that is ready for power outlet installation
- WireVice Cable Suspension System for quick and easy tie-off
- Continuously adjustable mounting slot for infinite placement options
- Flexible solution provides infinite column placement within a 2' x 2' ceiling tile
- Single and dual electrical outlet cutouts
- Exclusive locking hardware at column connection point to protect against theft
- Includes: (4) 25' flexible cables, (4) wood eyebolts and (4) concrete anchors
- Fits 24" (or 600mm) wide ceiling tile grids
- 50 lb weight capacity

# Thank You!

# TURNSTILES, us

### **COMPANY BRIEF**

wwww.TURNSTILES.us, Inc. Small Business

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TURNSTILES.us is a professional organization specializing in the physical and electronic securing of building entrances with Turnstiles, Mantraps, EntraPASS Access Control Hardware, and Software since 1989. We are a U.S. Federal Government Contract Holder and are registered with the U.S. Federal Government System for Award Management.

TURNSTILES.us headquarters is located in the Rocky Mountain Region of Colorado. Our team of engineers and sales professionals are strategically located across the United States to enable us to address our clientele. Our expert project team offers turnkey solutions for commercial public sector and private markets including access control system analysis, design, installation, and implementation, and raises the bar for the highest standards in the turnstile security industry.











