



Model HDACR

The ultimate design engineering. Selected by Fortune 100 companies and others who require security ONLY a turnstile can provide. Designed for internal mounting of proximity magnetic stripe and other card reader technologies. Electronics packages and power supplies serving the card readers can be mounted inside the electronics enclosure. Photoelectric sensors can be provided on both in-bound and out-bound sides to increase security protection. Lighted enunciators reading PRESENT CARD/PLEASE PROCEED, or other messages, are available.

Model "HDACR" A.I.A. Format Specifications 12/29/98

1.0 - GENERAL

1.01 Submittal

Shop Drawings: Drawings showing all turnstile exterior details, overall dimensions for installation, and installation details including trim and accessories.

1.02 Product Handling

Turnstiles and Portals shall be shipped fully assembled and pelletized with double wall corrugated card board sleeves and lids for protection.

2.0 - PRODUCTS

2.01 Materials

- A. Model "HDACR" as manufactured by:
Perey Turnstiles, Inc.
308 Bishop Ave.
Bridgeport, Ct. 06610**

B. Turnstiles

1. Cabinet Cover

ANSI #304 stainless steel with #4 brushed finish, .074" wall thickness, 5/32"

(continued)

radii corners, 2.5" tall, 40" long and 8" wide with two 8" radius ends. All welds ground smooth, brushed and evenly colored.

2. Card Reader Mounting In Lid

Internal mounting of reader below plate and mounted into opening in lid. Reader mounting brackets shall be provided.

3. Turnstile Cabinet

ANSI #304 stainless steel with #4 brushed finish. Full height standing rib reinforced design, double wall (cavity) construction, each wall .074" thick. 40" long and 8" wide with two 8" radius ends. 3/16" thick stainless steel base plate. No exposed welds. Electronics compartment with housing between turnstile legs with 4" by 20" clear opening and two locks.

5. Arms

ANSI #304 stainless steel tubing with #4 finish. .049" thick walls, reinforced ends. Grey cast iron hub.

6. Mechanism

Mechanical Mechanism: 1" x 6" machined cast iron ratchet. Use aided by heavy springs of 0.175" dia. spring steel. Motion stabilized by large rotary shock absorber and .005" thick steel bi-directional cam. Self Centered by .005" steel compression shoe.

Unlocking Controls: One continuous-duty rated 24VDC solenoid. Solenoid shall operate for a maximum of 65 milliseconds per passage. Turnstile shall unlock with a 100 millisecond pulse of 6.5 amps measured under load at the input terminal to the turnstile. All unlocking elements shall be mechanical and at no time relays, transformers or circuitry in excess of 29.0 volts shall be used inside the turnstiles. Solenoids. No light duty or open frame solenoids shall be accepted.

9. RF pulse and contact arcing elimination circuitry provided.

B. Finish

All exposed external surfaces shall have a #4 brushed finish. There will be no exposed fasteners, sharp edges or protrusions.

C. Fabrication

1. Turnstile mechanisms shall be fabricated entirely from machined cast iron, stainless steel and mild steel with the exception of sintered metal oil impregnated bearings. No plastic load bearing elements shall used.
2. Turnstile housings shall be of ANSI #304 stainless steel. All exposed surfaces shall have a #4 brushed finish.

3. Turnstile arms shall be of ANSI #304 stainless steel mounted into a grey cast iron hub.

D. Installation and Hookup

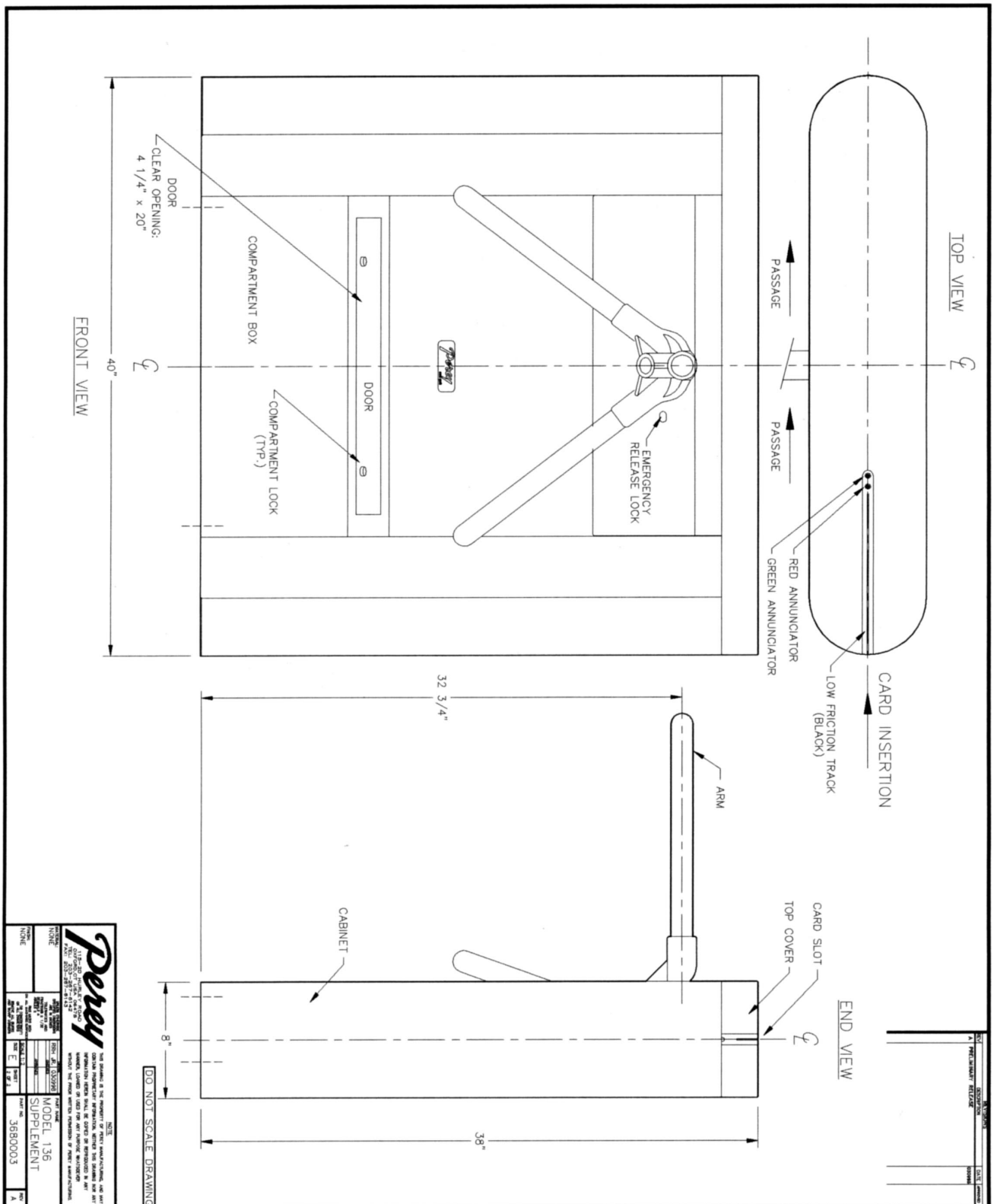
1. Manufacturer to provide internal conduit from electronics compartment to mechanism connections to protect customer wiring from the mechanism and cabinet edges.
2. Manufacturer will provide an international screw-type terminal block for wiring with chassis ground, system ground or pulsed 24VDC control wiring available.
3. RF pulse and contact arcing elimination circuitry provided.

3.0 - WARRANTY

3.01

Turnstiles shall be warrenteed for a period of five years from date of shipment against defects in workmanship and material.

Model HDACR/HDACMR



Perley		SEE INSTRUCTIONS FOR INSTALLATION AND USE	
MODEL	MODEL 136	DATE	11/13/03
REV	SUPPLEMENT	REV	1
DATE	11/13/03	DATE	11/13/03
BY	3680003	BY	3680003
CHECKED		CHECKED	
APPROVED		APPROVED	
DATE		DATE	
BY		BY	
CHECKED		CHECKED	
APPROVED		APPROVED	
DATE		DATE	
BY		BY	