NOTES:

MODEL: ROIL-20

GENERAL CONSTRUCTION IS TO ENSURE THAT THE FLOOR IS CONSTRUCTED LEVEL AND FLAT TO WITHIN ⅛" THOROUGHOUT THE REVOLVING DOOR AREA. THE DOOR IS TO BE LOCATED ON TOP OF THE FINISHED FLOOR. ADDITIONAL ELIMINATIONS OF THE DOOR SYSTEM WILL BE NECESSARY IF THE FLOOR IS NOT LEVEL. IF THE DOOR SYSTEM IS TO BE BUILT ON A SUB FLOOR SYSTEM THE OUTSIDE WALL PANELS ARE FIXED DIRECTLY TO THE FINISHED FLOOR. NO FLOOR FRAME OR MACHINES ARE RECOMMENDED FOR THIS DOOR WHEN MOUNTED ON A LEVEL, FINISHED FLOOR. THE DOOR CONSTRUCTION IS TO BE DESIGNED TO TESTING THE FOLLOWING LOADS THROUGH THE OUTSIDE WALL PANELS. THE DOOR SYSTEM SHOWN IS APPROXIMATELY 20" LENS WHICH IS EASILY CDHREDICTED UNDER THESE OUTER WALL PANELS.

STANDARD OPERATING FEATURES:

- (1) Door Processor Control Unit
- (2) Handcapped Push To Open Switches
- (3) Programmable Operation Modes
- (4) Activation Motion Sensors
- (5) Emergency Stop Switches
- (6) Emergency Egress Push Buttons
- (7) Surface Mounted Digital Programming Unit
- (8) Magnetic Digital Display Unit
- (9) Anti-Lift Warning Vertical Ceiling System (10 Thresholds)
- (10) Quake Motion-Activated Low Voltage Econ-Lamps
- (11) Programmable Key Time Operation Clock System
- (12) Programmable Door Operation Access Codes
- (13) Master Key Only Off Switch For Lock Out Use
- (14) RS-232 Computer Access Port For Remote Operation And Troubleshooting
- (15) Door Edge Memory Storage System Shown Last 500 Hours of Operation
- (16) Locking Of The Door By Magnetic Lock System

STANDARD SAFETY DEVICES:

- (1) Fire Alarm Interface Circuit - Requires Normally Closed Dry Contacts
- (2) UPS Battery System That Switches The Door To The Emergency Access Position During Power Failure
- (3) Vertical Safety Sensors
  - 18" Fire Safety Sensors Located In The Fixed Casing Ring At The Top Of Door Opening
  - 18" Horizontal Safety Sensors On The Outer Edge Of The Rotating Wing
- (4) Fire Alarm Interface Requires Normally Closed Dry Contacts

HORIZONTAL SAFETY DEVICES:

- (5) Compressive Safety Switches On The Bottom Edges of The Wing Doors
- (6) Self Monitoring (Continuous) Of Safety System By The Processor Control (UPG)

POWER REQUIREMENTS:

- (1) 230 VAC 20 AMP 50/60 Hz Dedicated Circuit For Door Operation And Controls
- (1) 120 VAC 20 AMP 50/60 Hz Dedicated Circuit For Lighting

GLAZING:

- (1) 7/8" Clear Curved Safety Laminate For Fixed Outside Walls
- (1/4" Clear Flat Safety Laminate For Rotating Doors

OPTIONAL FEATURES:

- (1) Manual (Night Closing) External Door, Right Or Left Hand Closure
- (2) Hi-Bay, Compact Fluorescent Lamps Or LED's

MATERIALS:

- (1) All Aluminum Profiles To Be 3/8" With Minimum Thickness
- (2) Aluminum Extrusion System Used Throughout
- (3) All Curved Sections Are Strengthened

FINISHES:

- (1) Clear Anodized
- (2) Dark Bronze Anodized
- (3) Halfovercoat Paint
- (4) Polished Stainless Steel Glue On Boan Mirror Or Boan Satin
- (5) Kynar Paint (Select Color)
- (6) Other