NOTES:

MODEL RO3L - 16'

General contractor is to ensure that the floor is constructed level and flat to within 1/8" throughout the finished floor area. The door is to be mounted on top of the finished floor. Additional sanding of the door system may 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 to be fixed directly to the finished floor. No floor frame or headers are required for this door when erected on a level finished floor. The floor construction is to be designed to minimize the following loads through the outside fire frames. The door system weight is approximately 1000 lbs which is evenly distributed under these outer wall panels.

Standard Operating Features:
1) Microprocessor Control Unit
2) Handset - Push to Open Switch
3) Programmed Access Modes
4) Activation Action Sensors
5) Emergency Stop Switches
6) Emergency Escape Push Buttons
7) Surface Mounted Digital Programming Device (PCD)
8) Zone Cover Switch
9) Wreath Mounted Rotating Cylinder System (in 12 segments)
10) Quality Maglock Reobed Low Voltage Cylinder Lever
11) Programmed Real Time Operating Clock System
12) Programmed Door Operation Access Codes
13) Master Key Shut Off Switch for Lock Out Use
14) 9V-350 virtual Access Port for Remote Operation and Troubleshooting
15) 400 Event Memory Storage System allows 64 events of operation
16) Locking of the Door by Magnetic Space System
17) 2 Active Dynamic Switches

Standard Safety Devices:
1) Alarm Interface Circuit - required normally closed dry contacts
2) Battery system that powers the door system to the emergency alarm position during power failure

Vertical Safety Devices
1) Exit Force Sensors
2) Exit Force Sensors mounted in the fixed (closing) wing at right side of door opening
3) Fire Alarm Interface required with normally closed dry contacts

Horizontal Safety Devices
4) Compressive Safety Switches on the bottom edge of the wings
5) Self Monitoring/Continuous of safety system by the Microprocessor Control Unit

Power Requirement
1) 220VAC 20 Amp to be dedicated circuit for door operation and controls.
2) 120VAC 20 Amp to be dedicated circuit for lights.

Closing:
7/16" Clear Curved Safety Laminated Glass for fixed outside walls.
1/4" Clear Flat Safety Laminated for rotating doors

Optional Features
1) Manual Crash Closing External Door, Right or Left Hand Closure, and Rails
2) Compact Residential Doors or Legs

 Materials
All aluminum profiles to be 13/32" thick (Nominal Thickness)
Aluminum expansion system used throughout.
All curved sections are stretch formed.

Finishes
1) Clear Anodized
2) Dark Bronze Anodized
3) Flat Powdercoat Paint
4) Polished Stainless Steel, Gau or # 8 Mirror or # 4 Satin
5) Other

ASSA ABLOY RO3L - 16' 3 WING REVOLVING DOOR SYSTEM
PLAN VIEW