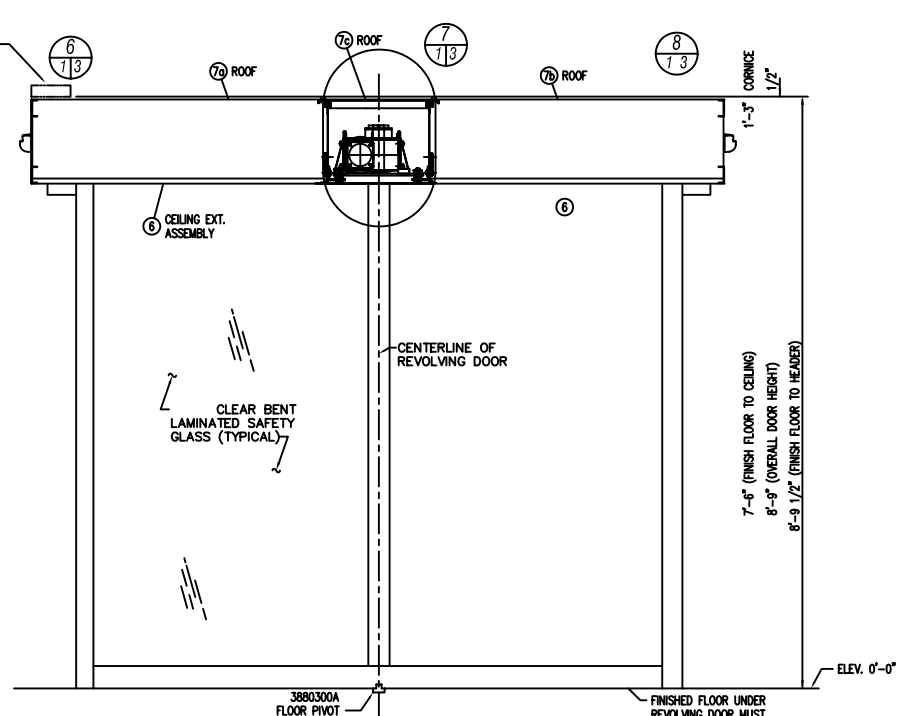


EXTERIOR ELEVATION
(CONNECTIONS NOT SHOWN)

REVOLVING DOOR TO BE INSTALLED ON FINISHED FLOOR.



SECTION AT
(WINGS NOT SHOWN)

NOTE: FINISHED FLOOR UNDER REVOLVING DOOR IS THE FINAL WALK-ON FLOOR. FLOOR COVERINGS LIKE CARPET, TILE, LINOLEUM, TERRAZZO, RUBBER MAT, ETC. CANNOT BE ADDED TO THE FINISHED FLOOR INSIDE THE DRUM AFTER REVOLVING DOOR IS ERECTED UNLESS CLEARANCE HAS BEEN ADDED TO BOTTOM OF WINGS AND DRUM IN THE SHOP. REVOLVING DOOR WALLS MUST SET ON SOLID MATERIAL. (NOT RUBBER MAT, CARPET OR OTHER RESILIENT MATERIAL.)

ERECTION PROCEDURE

- LAY OUT ENTRANCE ON FLOOR. FINISH FLOOR MUST BE LEVEL.
- SET ENCLOSURE WALLS UP IN PLACE. PLUMB AND LEVEL. VERIFY THAT WALLS ARE TO CORRECT RADIUS BY COMPARING TO FLOOR LAYOUT.
- MARK FLOOR FOR DOWEL LOCATIONS.
- REMOVE WALLS, DRILL FLOOR FOR DOWELS. REPLACE WALLS AND DOWEL TO FLOOR.
- PLACE CEILING SECTIONS INTERIOR AND EXTERIOR INTO POSITION ON FLOOR AND BOLT TOGETHER.
- PLACE AND SECURE CEILING TO WALLS. PLUMB AND LEVEL ASSEMBLY AND TIE TO SURROUNDING WORK.
- INSTALL MOUNTING ANGLES TO JOIST. ATTACH 3/8" x 1/4" x 20" ALUM. PLATE TO ANGLES USING ISOLATOR MOUNTS.
- INSTALL BEARING CHANNEL IN CEILING. PLACE PLUMB LINE PLUG IN BEARING AND SHIM BEARING CHANNEL UNTIL PLUMB LINE IS IN EXACT CENTER OF ENCLOSURE.
- LOWER PLUMB BOB TO FLOOR AND LOCATE CENTER OF DOOR AT FLOOR. SET FLOOR PIVOT IN EXACT CENTER. LEVEL WITH LEVELING SCREWS. FILL RECESS WITH QUICK-SET CEMENT.
- REMOVE PLUMB LINE PLUG AND INSERT STUB SHAFT 9 INTO BEARING.
- APPLY LITHIUM HP GREASE TO TOP OF FLOOR PIVOT. AND IN BORE. ALSO TO TOP OF STUB SHAFT.
- SEE SPEED CONTROL SHEET FOR ASSEMBLY OF GEAR BOX AND COMPONENTS.
- PLACE CENTERSHAFT IN POSITION IN FLOOR PIVOT. CONNECT WIRES FROM SLIPRING THRU STUB SHAFT TO TOP OF CENTERSHAFT. ATTACH CENTERSHAFT TO STUB SHAFT WITH (8) 1/2-13 x 1 3/4 SOCKET HEAD SCREWS WITH 8 1063 x 8" DIAMETER PLATE BETWEEN CENTERSHAFT AND STUB SHAFT. CHECK BOTTOM PIVOT PIN TO BE LOCKED DOWN AND ENGAGED INTO FLOOR PIVOT. SHIM TO PROPER HEIGHT. SEE SHEET #3.
- CONNECT CABLES FROM CONTROL BOX TO MOTOR, SPEAKERS, PUSH TO SLOW SWITCHES, AND CORNICE MOTION SENSORS.
- INSTALL WINGS.
- CEILING LIGHTS TO BE WIRED BY ELECTRICAL CONTRACTOR. (SEE DETAIL THIS SHEET).
- GLAZE WALLS. (SEE INSTRUCTION SHEET)
- INSTALL LOCKKEEPERS. (SEE SHEET #1)
- INSTALL ROOF AND SEAL, IF REQUIRED.
- GO THRU START-UP AND MAINTENANCE SECTION IN DOOR MANUAL.

NOTE!
ACCESS TO SPACE ABOVE SPEED CONTROL MUST BE FURNISHED AND REMAIN AVAILABLE FOR SERVICE AND ADJUSTMENT.
ACCESS TO THIS SPACE TO BE FURNISHED BY IRD. THRU REVOLVING DOOR CEILING.

NOTE!
110V. AC CURRENT REQUIRED FOR CEILING LIGHTS. ENTRANCE COMPONENTS WILL BE PREPARED AT FACTORY FOR PASSAGE OF WIRE. IF SOURCE AND/OR ROUTING IS VERIFIED ON APPROVED DRAWING.

NOTE!
NUMBER APPEARING IN O ARE FOR ERECTION ONLY. POSTS AND CEILING ARE MATCHMARKED IN SHOP.

NOTE!
ALL STEEL REINFORCING TO BE COATED WITH RUST PROHIBITING PAINT.

NOTE!
WINGS ARE EQUIPPED WITH EMERGENCY COLLAPSIBLE MECHANISM.

NOTE!
CONNECTING WORK TO BE DESIGNED TO BRACE & HOLD REV. DOOR SECURELY IN POSITION.

NOTE!
THIS ORDER WILL NOT BE FABRICATED UNTIL:
1. SHOP DRAWINGS ARE RECEIVED MARKED "APPROVED FOR FABRICATION" BY THE GENERAL CONTRACTOR OR OTHER RESPONSIBLE PARTY.
2. FINISH SAMPLE IS RECEIVED MARKED "APPROVED".
"APPROVED FOR DESIGN ONLY" DOES NOT CONSTITUTE SUFFICIENT APPROVAL TO ALLOW FABRICATION TO PROCEED.

INTERNATIONAL REVOLVING DOOR COMPANY WILL NOT BE RESPONSIBLE FOR VERIFICATION OF FIELD DIMENSIONS OR COORDINATION OF DRAWINGS AND DIMENSIONS OF WORK FURNISHED BY OTHER TRADES.

* CYLINDERS TO BE STANDARD 1 5/32" DIAMETER, 1" LENGTH (5-PIN) WITH STANDARD CAMS. SIMILAR TO ILCO UNICAN #PB-7165-YA-1-KA2. LONGER CYLINDERS WILL REQUIRE SPACING COLLARS.

NOTE!
INTERNATIONAL REVOLVING DOOR DOES NOT RECOMMEND THE FOLLOWING TYPES OF FLOORS; SLICK, GLASSY FLOORS CAUSING PEDESTRIAN TO SLIP AND POSSIBLY FALL WHILE PUSHING WINGS. RUBBER MATS CAUSING THE PEDESTRIAN TO EXERT MORE PRESSURE TO PUSH WINGS. AND FULL FLOOR GRILLS CAUSING AIR INFILTRATION.

JOB NOTES

GLAZING

WINGS, REVOLVING DOOR

GLAZE AT: JOB: SHOP:

GLASS BY: INT'L: OTHERS:

WALLS, REVOLVING DOOR

GLAZE AT JOB

GLASS BY: INT'L: OTHERS:

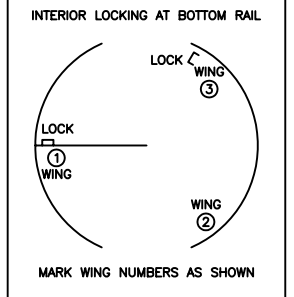
ELECTRIC WIRING AND FIXTURES TO BE FURNISHED BY OTHERS UNLESS SPECIFIED "BY INT'L" ON THIS DRAWING.

RECESS IN FLOOR FOR FLOOR CHECKS. SPEED CONTROL, ETC., TO BE FURNISHED BY OTHERS.

LOCK CYLINDERS *

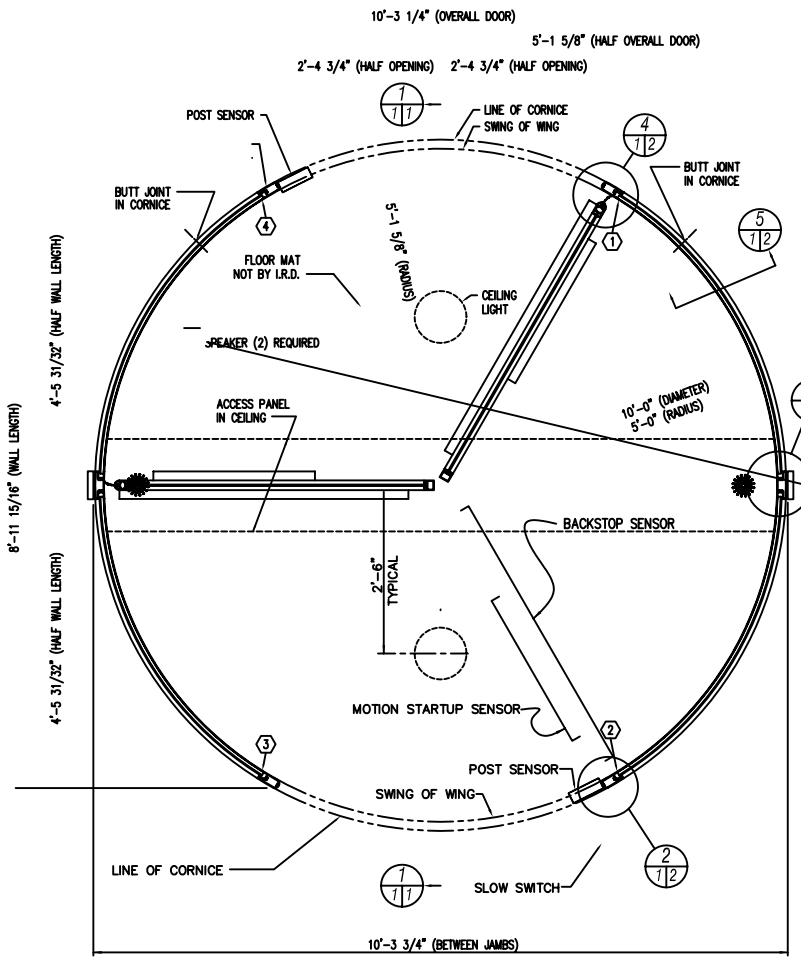
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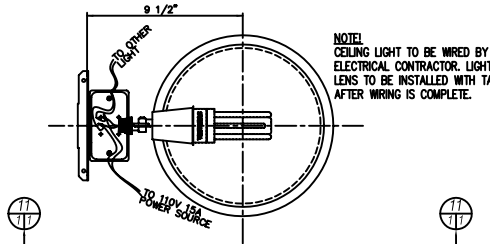
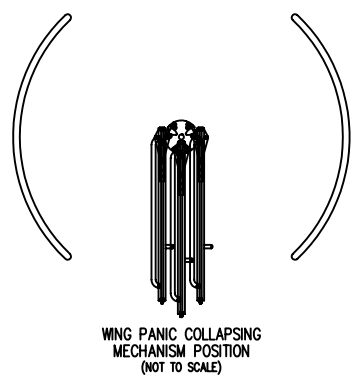


WE ASSUME NO RESPONSIBILITY AS TO MEASUREMENTS OR DETAILS AFFECTING ANY WORK

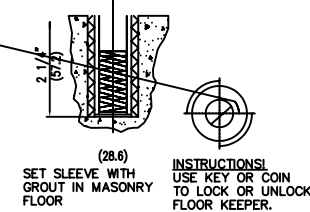
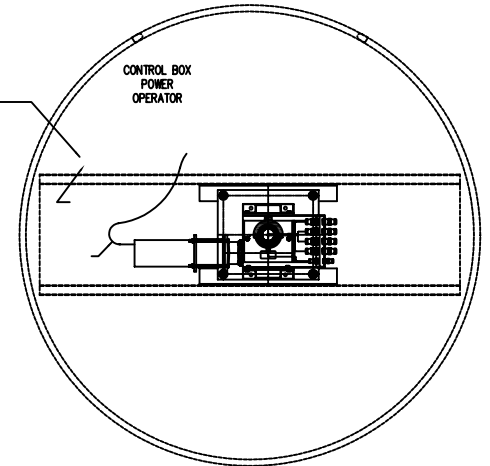
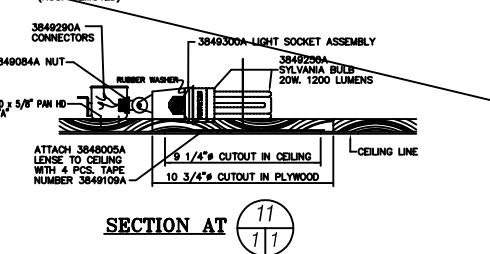
1	VEL	AP	6/23/06
3	BL	AP	6/23/06
1	VEL	AP	
3	BL	AP	
1	MID-	STATES	
1	3M		



PLAN VIEW



PLAN OF CEILING LIGHT FROM ABOVE
(ROOF REMOVED)



**FLOOR KEEPER
HEEL AND DUST PROOF**

INTERNATIONAL REVOLVING DOOR COMPANY

PHONE (812) 425-3311 2138 N. SIXTH AVENUE, EVANSVILLE, INDIANA 47710-2895

MODEL TYPE: SATURN 3-WING AUTOMATIC

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Slave B. 6-21-06