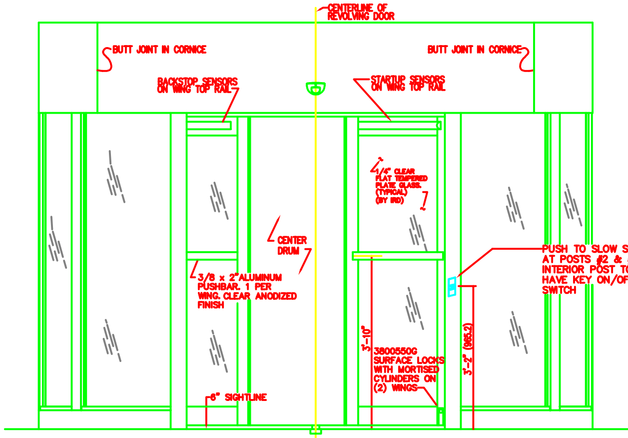
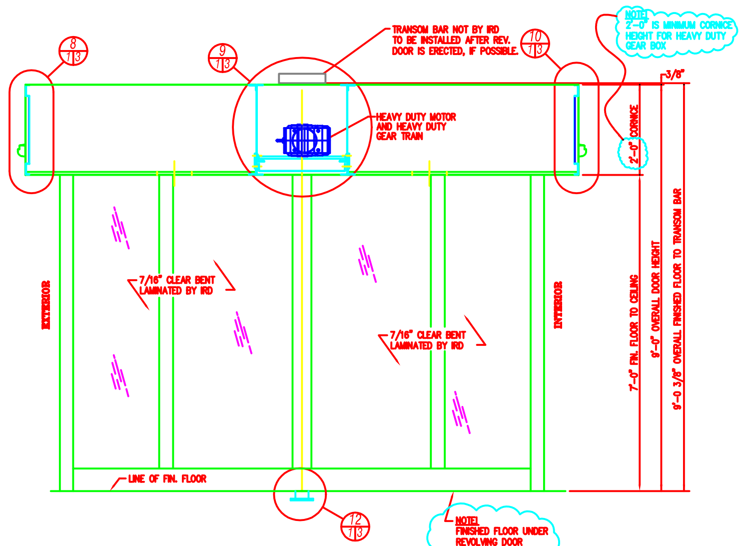


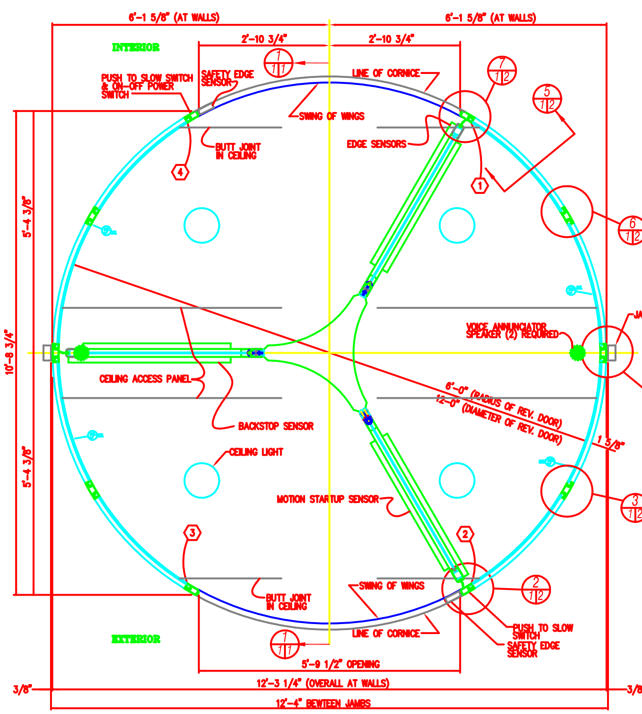
EXTERIOR ELEVATION

(CONNECTIONS NOT SHOWN)

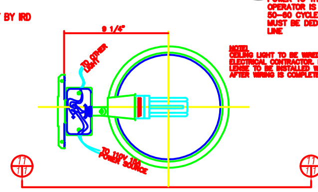


SECTION AT 1/1|1

(WINGS NOT SHOWN)

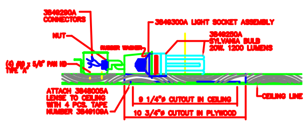


PLAN VIEW



PLAN OF CEILING LIGHT FROM ABOVE

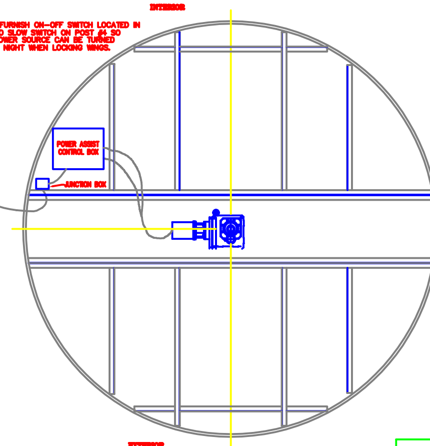
(ROOF REMOVED)



SECTION AT 11/1|1

NOTE! IRD TO FURNISH ON-OFF SWITCH LOCATED IN PUSH TO SLOW SWITCH ON POST #4 SO THAT POWER SOURCE CAN BE TURNED OFF AT NIGHT WHEN LOCKING WINGS.

VERIFY! POWER TO THE POWER OPERATOR IS 110 VOLTS 50-60 CYCLE AC 20A MUST BE DEDICATED LINE



PLAN FROM ABOVE REV. DOOR

FOR REFERENCE ONLY

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. CEILING LIGHTS NOT BY IRD.

NOTE! NUMBER APPEARING IN ⬡ 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.

ERECTION PRECEDURES

1. Inspect area where door is to be erected, floor must be level and flat.
2. Construct the centerlines and inside radius of the door on the floor. Refer to installation manual.
3. Set enclosure walls #5L & #5R in place. Verify that walls are to correct radius by comparing to floor layout.
4. Mark floor for dowel locations.
5. Remove walls, drill floor for dowels.
6. Place ceiling sections #5 exterior and #8 interior into position on floor, and bolt together.
7. Raise ceiling assembly high enough to clear top of walls.
8. Replace walls, to position, plumb and level and dowel to the floor.
9. Lower ceiling onto walls and secure to walls. Recheck plumb and level and secure to adjacent work. Access to wall bolts thru ceiling access panel.
10. Attach canopy sections #8 & #9.
11. Install top bearing & channel assembly in the ceiling. If not pre-installed.
12. Extend a plumb line from the center of the bearing down to the floor, adjust bearing channel assembly to bring plumb bob to center of layout lines on the floor.. Check radius of walls to plumb line, secure bearing channel assembly to joist.
13. Set floor pivot base in exact center of door, level with leveling screws, top of pivot base to be level at 3/8" above the finished floor. Fill recess with quick setting cement.
14. Remove a panel from drum assembly to access bottom bearing and top plate.
15. Remove the top stubshaft from center drum assembly.
16. Install floor stub shaft with key.
17. Place two washers (1/16" thick) onto stubshaft.
18. Install top stubshaft thru top plate and thru bearing in ceiling and secure to top plate.
19. Install bottom bearing.check clearance distance between top plate and ceiling and bottom plate and floor. (should be 1 1/2"). If this is not so, remove bottom bearing and remove or add shim washers to achieve equal space at top and bottom.
20. Install speed control support angles, if not preinstalled.
21. Refer to speed control owners manual for installation of speed control.
22. Thread wiring cable from slip ring down thru hole in top stub shaft.
23. Attach wires from slip ring to terminals on TB6 in top of drum.
24. Attach previously removed drum panel.
25. Install wings (they are match marked to center drum for location) locate wing at center drum at 90 degrees to normal position in order to access pivot pin set screws in back side of wing.
26. Connect wires coming from junction box on motor to ORBITER contol box.
27. Connect wires from voice annunciators to ORBITER control box.
28. Connect wires from wallpost safety edge switches to ORBITER control box. See ORBITER manual for hook up.
29. Door is ready for manual operation only.
30. Electrical wiring to be done by electrical contractor.
31. Ceiling lights to be done by electrical contractor.
32. Glaze walls. (See instruction sheet.)
33. Install lockkeepers. (see sheet #1).
34. Attach roof sections and seal.

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

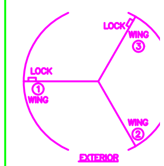
ELECTRIC WIRING AND FIXTURES TO BE FURNISHED BY OTHERS UNLESS SPECIFIED "BY INT'L" ON THIS

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

LOCK CYLINDERS *

STANDARD: ☒ MASTER KEYED
BY INT'L: ☒ BY OTHERS

INTERIOR LOCKING



MARK WING NUMBERS AS SHO

(1) REVOLVING DOOR REQ'D PER THESE D

DATE	LOC. KEY	DESCRIPTION

REVISIONS

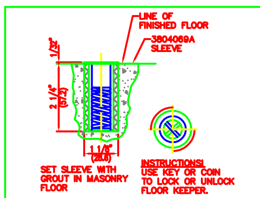
WE ASSUME NO RESPONSIBILITY AS TO MEASUREMENTS OR DETAILS AFFECTING ANY BUT OUR OWN AND ARE NOT RESPONSIBLE ANY ERRORS OCCURING THRU THE USE OF DRAWING BY OTHER PARTIES.

PRINTS ISSUED

NO.	KEY	DATE	NO.	KEY

KEY EXPLANATION

AP. – APPROVAL
F.A. – FINAL APPROVAL
DB. – DISTRIBUTION
S.I. – SHOP INSPECTION
ER. – ERECTION
RT. – REQUEST
R.R. – REPR. REF



FLOOR KEEPER #3804122G HEEL AND DUST PROOF

INTERNATIONAL REVOLVING DOO
COMPANY

(812) 425-3311 2138 N. SIXTH AVENUE, EVANSVILLE, INDIANA 477

JOB: 12' 3-WING ALUMINUM JUPITER

LOCATION:

ENTRANCE:

ARCHITECT:

DETAIL SYMBOL

MATERIAL:
WINGS & CENTER SPINDLE– .063 ALUMINUM
WALLS– EXTRUDED & .063 ALUMINUM
CEILING– .063 ALUMINUM
ROOF– .063 ALUMINUM
FINISH–

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DRAWN: Steve B.	DATE: –	DOOR NO: –
CHECKED:	DATE:	DRAWING NO: –
SCALE: 3/4"=1'-0"		ORDER NO: REFERENC
SHEET 1 OF 3		