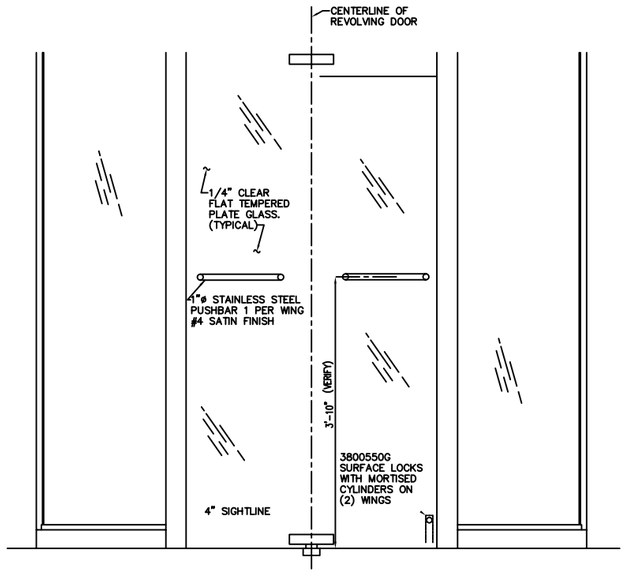
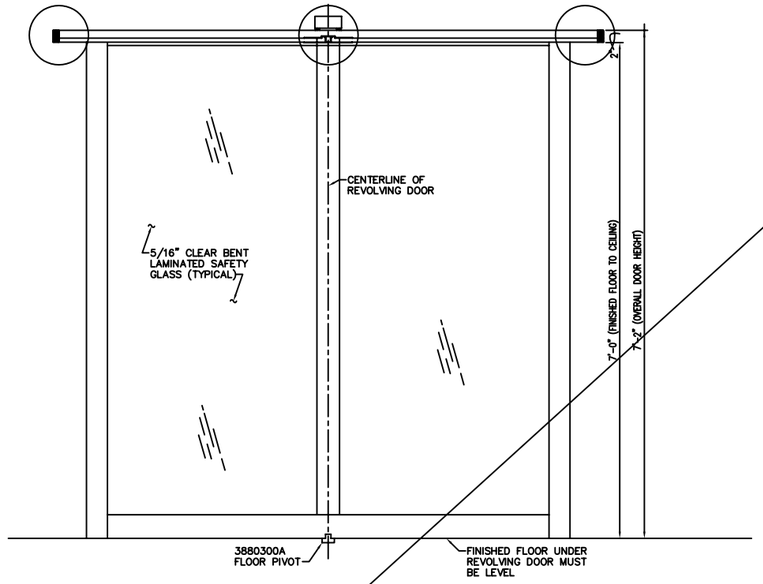


EXTERIOR ELEVATION

(CONNECTIONS NOT SHOWN)



SECTION AT

(WINGS NOT SHOWN)

PLUMB AND LEVEL ASSEMB

INSTALL SPEED CONTROL IN CEILING. REMOVE COVER PLATE OF CONTROL AND PLACE PLUMB LINE PLUG IN MAIN GEAR HOLE. HANG PLUMB LINE FROM PLUG AND SHIM CONTROL UNTIL PLUMB LINE IS IN EXACT CENTER OF ENCLOSURES. SECURE CONTROL.

7. 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.
8. REMOVE PLUMB LINE PLUG AND SPEED CONTROL.
9. APPLY LITHIUM MP GREASE TO TOP OF FLOOR PIVOT. AND IN BORE; ALSO TO TOP OF CENTERSHAFT AND GREASE SEAL IN HOLE IN BOTTOM OF SPEED CONTROL.
10. PLACE CENTERSHAFT IN POSITION IN FLOOR PIVOT. CHECK BOTTOM PIVOT PIN TO BE LOCKED DOWN AND ENGAGED INTO FLOOR PIVOT. SHIM TO PROPER HEIGHT. SEE JOB DRAWING, SHEET #2.
11. INSTALL SPEED CONTROL ON CENTERSHAFT. REPLACE SHIMS AT CONTROL TO LOCATE CENTERSHAFT EXACTLY PLUMB. THREAD CONTROL ONTO SHAFT UNTIL BOTTOM OF SPEED CONTROL IS ABOUT 1/16" ABOVE CEILING SHEET. LEVEL & CENTER SPEED CONTROL. TIGHTEN (4) FLANGE NUTS. CHECK ALIGNMENT OF KEYWAYS IN THE SHAFT AND GEAR. ROTATE SHAFT IN THE NORMAL DIRECTION, ONE HALF TO ONE TURN UNTIL KEYWAYS LINE UP. INSERT SHAFT KEYS.
12. ADD OIL TO SPEED CONTROL (TOTAL CONTENTS OF CAN). REPLACE SPEED CONTROL COVER PLATE AND SEAL WITH PERMATEX #2.
13. INSTALL WINGS.
14. CEILING LIGHTS TO BE WIRED BY ELECTRICAL CONTRACTOR. (SEE THIS SHEET)
15. GLAZE WALLS. (SEE INSTRUCTION SHEET)
16. INSTALL LOCKKEEPERS. (SEE SHEET #1)
17. INSTALL ROOF AND SEAL, IF REQUIRED.

NOTE!
FINISHED FLOOR UNDER REVOLVING DOOR IS THE FINAL WALK-ON FLOOR.
FLOOR COVERINGS LIKE CARPET, TILE, LINOLEUM, TERRAZO, 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.)

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.

GENERAL CONTRACTOR NOTE!
SPEED CONTROL IS LOCATED DIRECTLY BENEATH ROOF COVER SHEET. DO NOT DRILL THRU ROOF COVER SHEET WITHOUT FIRST CONTACTING REVOLVING DOOR ERECTOR OR MANUFACTURER. ANY FASTENING TO ROOF COVER SHEET MUST NOT EXTEND MORE THAN 1/32" BELOW ROOF COVER SHEET WITHIN AREA REQUIRED FOR SPEED CONTROL

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 ○ 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.

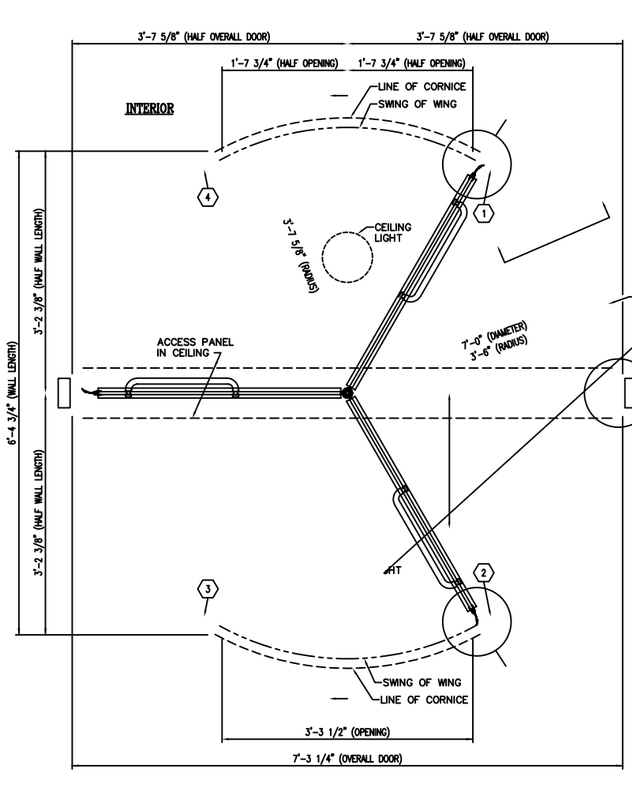
NOTE!
THIS ORDER WILL NOT BE FABRICATED UNTIL:
1. SHOP DRAWINGS ARE RECEIVED MARKED "APPROVED FOR FABRICATION" BY THE GENERAL CONTRACTOR OR OTHER RESPONSIBLE PARTY.
2. FINISH SAMPLE IS RECEIVED MARKED "APPROVED".

"APPROVED FOR DESIGN ONLY" DOES NOT CONSTITUTE SUFFICIENT APPROVAL TO ALLOW FABRICATION TO PROCEED.

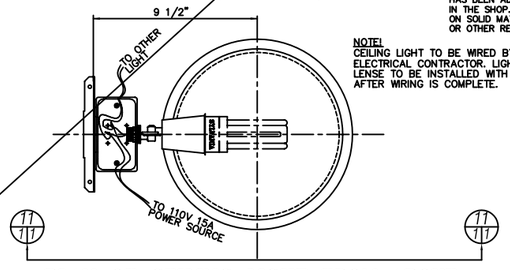
INTERNATIONAL REVOLVING DOOR COMPANY WILL NOT BE RESPONSIBLE FOR VERIFICATION OF FIELD DIMENSIONS OR COORDINATION OF DRAWINGS AND DIMENSIONS OF WORK FURNISHED BY OTHER TRADES.

*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.

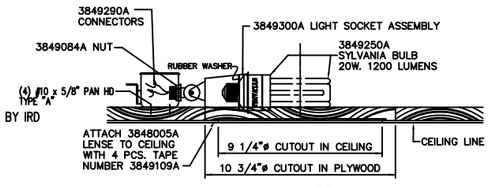


PLAN VIEW

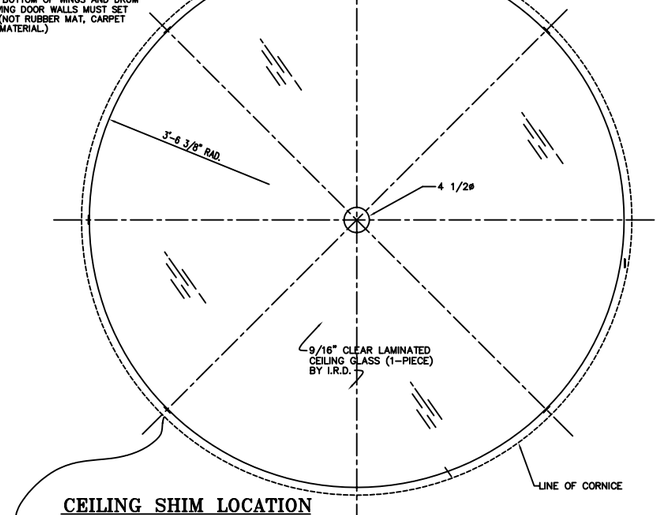


PLAN OF CEILING LIGHT FROM ABOVE

(ROOF REMOVED)

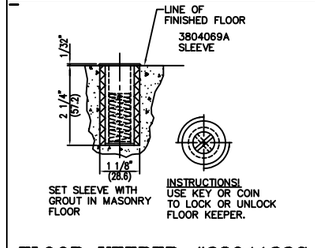


SECTION AT 11/11



CEILING SHIM LOCATION

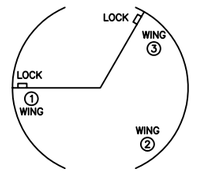
1/16" x 1/2" x 2" PLASTIC SHIMS (2517145A)
1/8" x 1/2" x 2" S/S SHIMS (2517155A)



FLOOR KEEPER #3804122G HEEL AND DUST PROOF

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

INTERIOR LOCKING



MARK WING NUMBERS AS SHOWN

MARK DOORS A & B

DATE	LOC. KEY	DESCRIPTION	BY

REVISIONS

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

PRINTS ISSUED

NO.	KEY	DATE	NO.	KEY	DATE
1vel.	AP.	10/24/06			
3 B.L.	AP.	10/24/06			

KEY EXPLANATION

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

INTERNATIONAL REVOLVING DOOR COMPANY
2138 N. 50TH AVENUE, EVANSVILLE, INDIANA 47710-2895
PH: 812-425-3311 – FAX: 812-426-2682 – TEL: 800-745-4726
INFO@INTERNATIONALREVOLVINGDOORS.COM – WWW.INTERNATIONALREVOLVINGDOORS.COM

JOB:	–
LOCATION:	–
MODEL TYPE:	COMET 3-WING (STANDARD CANOPY)
ENTRANCE:	–
CUSTOMER:	–
MATERIAL	WINGS- EXTRUDED ALUMINUM
	WALLS- EXTRUDED ALUMINUM
	CEILING- .063" ALUMINUM
	ROOF- .063" ALUMINUM
	FINISH: 215-R1 CLEAR ANODIZED

DETAIL SYMBOL

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DRAWN: JSK	DATE: 1/20/09	DOOR NO:	–
CHECKED:	DATE:	DRAWING NO:	–
SCALE: NTS		ORDER NO:	–
SHEET 1 OF 2			