

AG-SERIES SINGLE TURNSTILE

INSTALLATION MANUAL



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UNPACKAGING

VERIFY YOU HAVE ALL PARTS AND HARDWARE LISTED BELOW

- 1.TURNSTILE HEADER AND LOCKING MECHANISM WITH LID
- 2.TURNSTILE ROTOR AND BOTTOM BEARING ASSEMBLY
- 3.TURNSTILE CAGE
- 4.TURNSTILE COMB
- 5.INCLUDED INSTALLATION HARDWARE BOX (SEE HARDWARE CHECKLIST IN BOX)
- 6.TOUCH UP PAINT (POWDER COATED ONLY)

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GENERAL DIMENSIONS

<u>MODEL</u>	<u>OVERALL WIDTH</u>	<u>MIDDLE CAGE TO CENTER</u>	<u>COMB TO CENTER</u>	<u>OUTER CAGE TO CENTER</u>
AG-27-T	60 1/8"	30 1/8"	30"	27 5/8"
AG-30-T	66 1/8"	33 1/8"	33"	30 5/8"
AG-39-T	85 1/8"	42 5/8"	42 1/2"	40 1/8"
AG-48-T	102 5/8"	51 3/8"	51 1/4"	40 7/8"

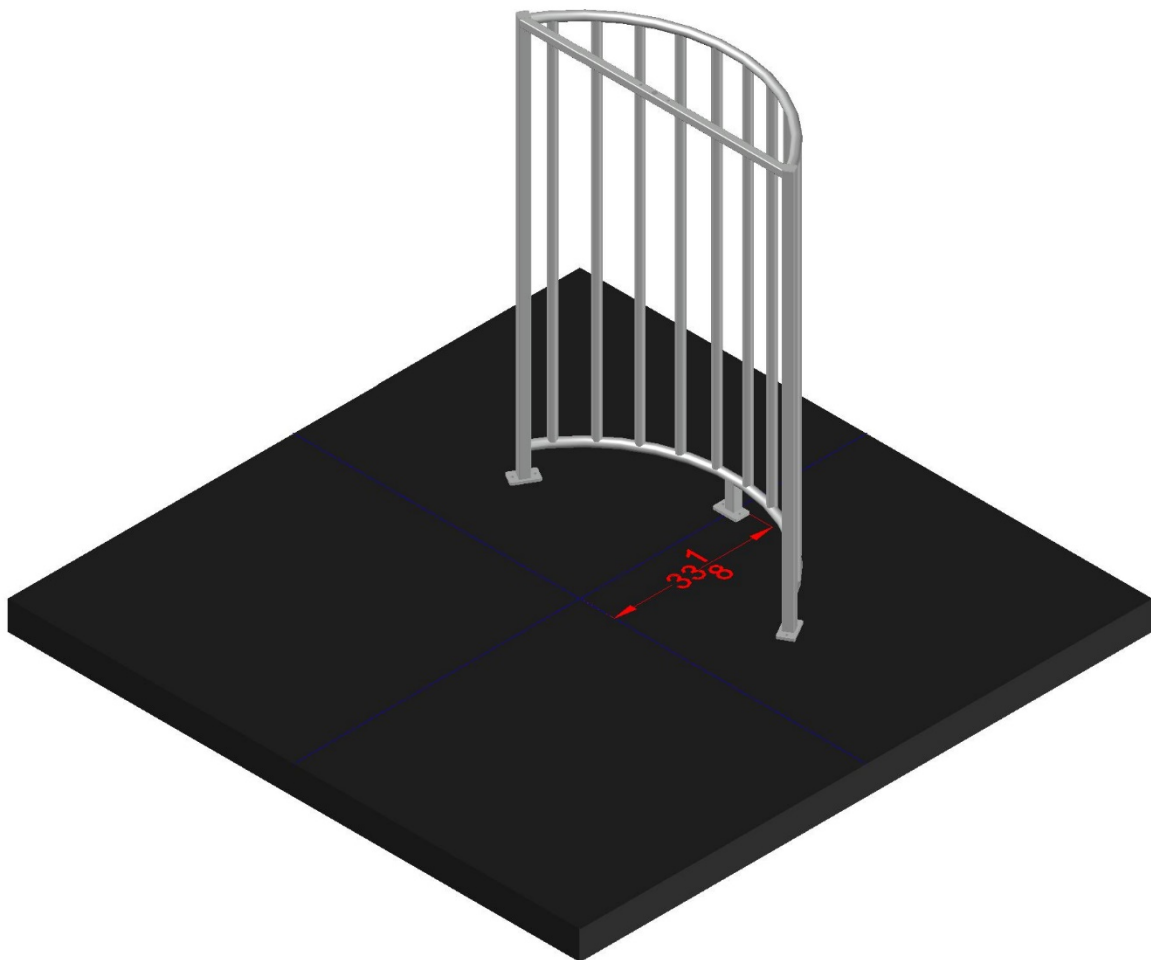
SINGLE TURNSTILE NOMENCLATURE

AG	30	T	GV	2E
SERIES	PASSAGE WIDTH IN INCHES 27 30 39 48	T- FOR SINGLE TURNSTILE TT- FOR TANDEM TURNSTILE HHT- HALF HEIGHT TURNSTILE TQH- THREE QUARTER HEIGHT TURNSTILE	GV- GALVANIZED PC- POWDER COATED POG- POWDER COATED OVER GALVANIZED SS- STAINLESS STEEL	2E- 2 WAY ELECTRONIC PASSAGE CONTROL 1E- 1 WAY ELECTRONIC PASSAGE CONTROL M- MECHANICALLY LOCKED ONE DIRECTION, FREE EXIT THE OTHER DIRECTION

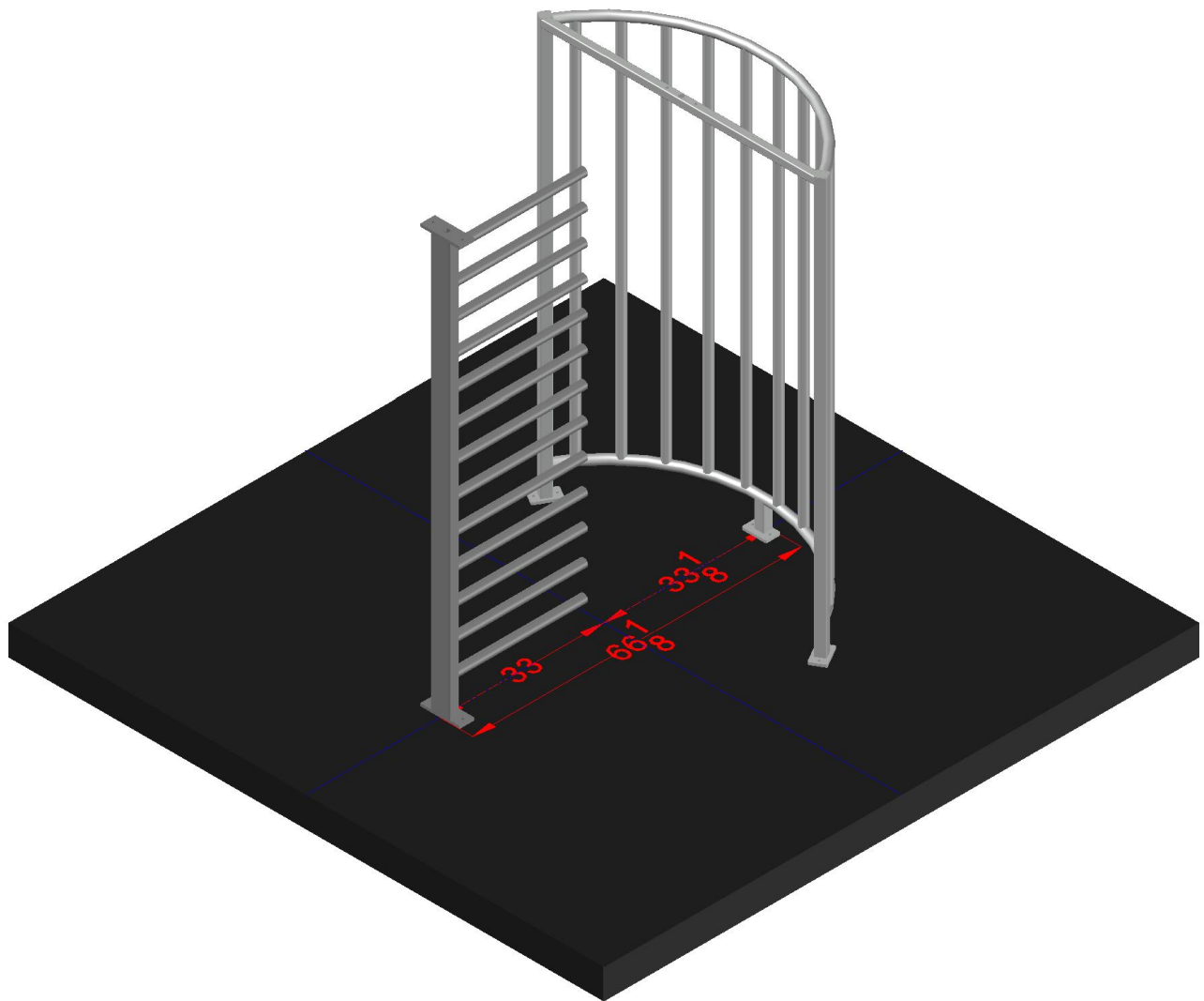
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INSTALLATION

1. STARTING WITH A LEVEL CONCRETE SLAB OR EQUIVALENT, BEGIN THE LAYOUT PROCESS BY SNAPPING A CENTER LINE AND A CROSS LINE FOR THE TURNSTILE ENTRANCE. STAND UP THE CAGE ON THE CENTER LINE AND MEASURE THE APPROPRIATE DISTANCE FOR THE MODEL OF TURNSTILE. (SEE GENERAL DIMENSIONS CHART FOR MEASUREMENTS)



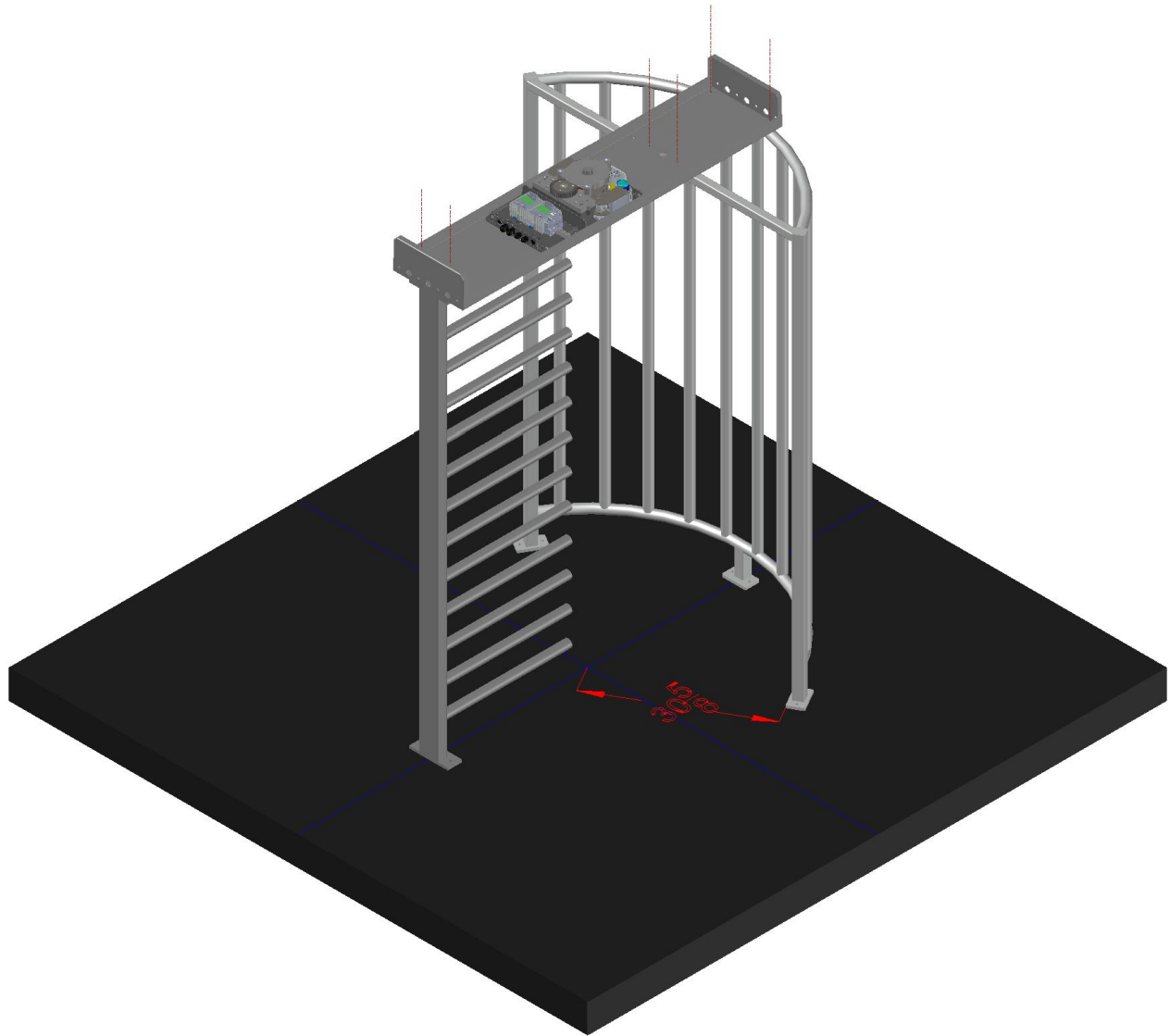
2. POSITION COMB THE PROPER DISTANCE FROM THE CAGE ACCORDING TO THE MODEL OF TURNSTILE YOU HAVE PURCHASED (SEE CHART). FIND SOMETHING APPROXIMATELY 6" TO BLOCK UP COMB.



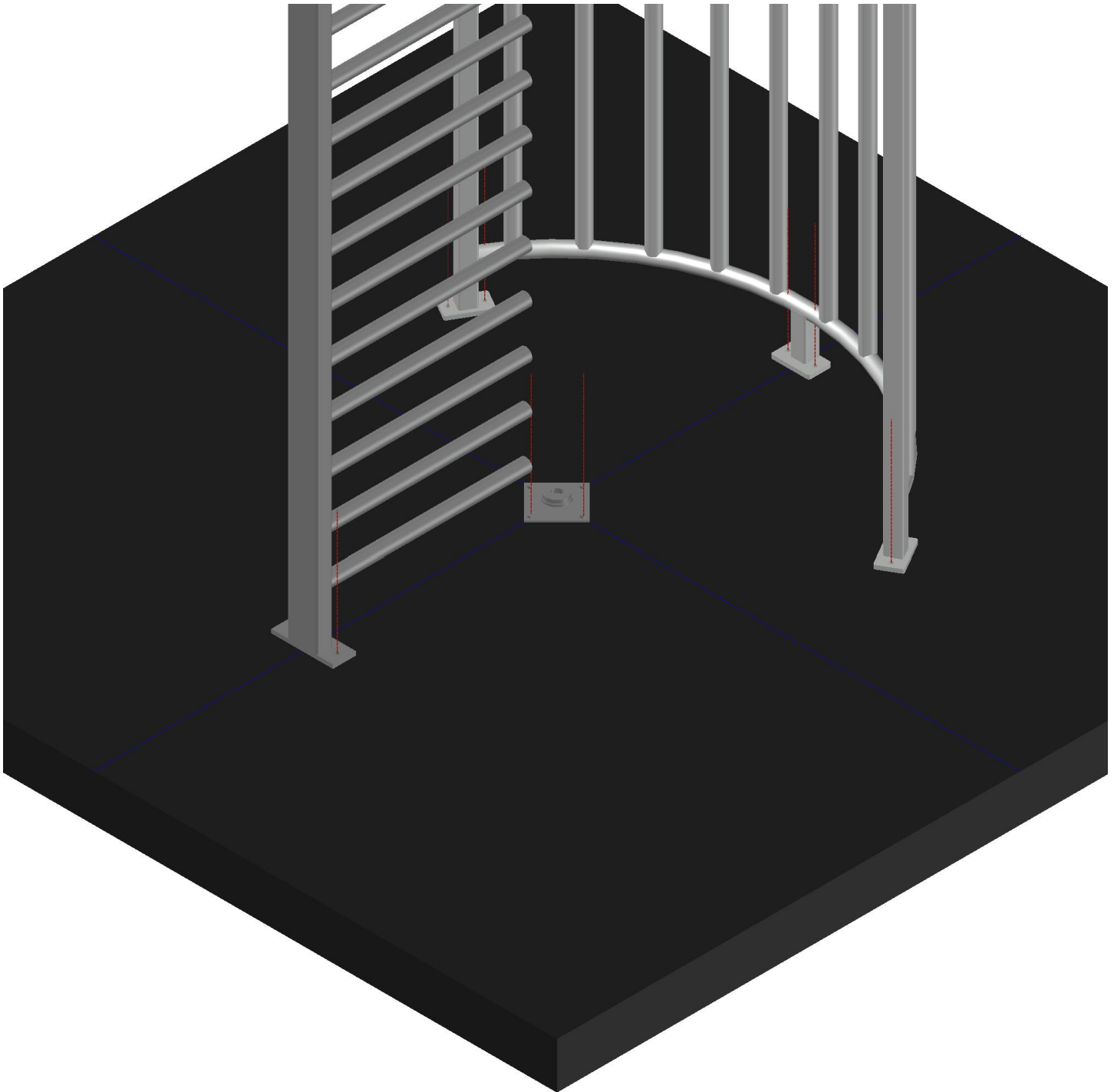
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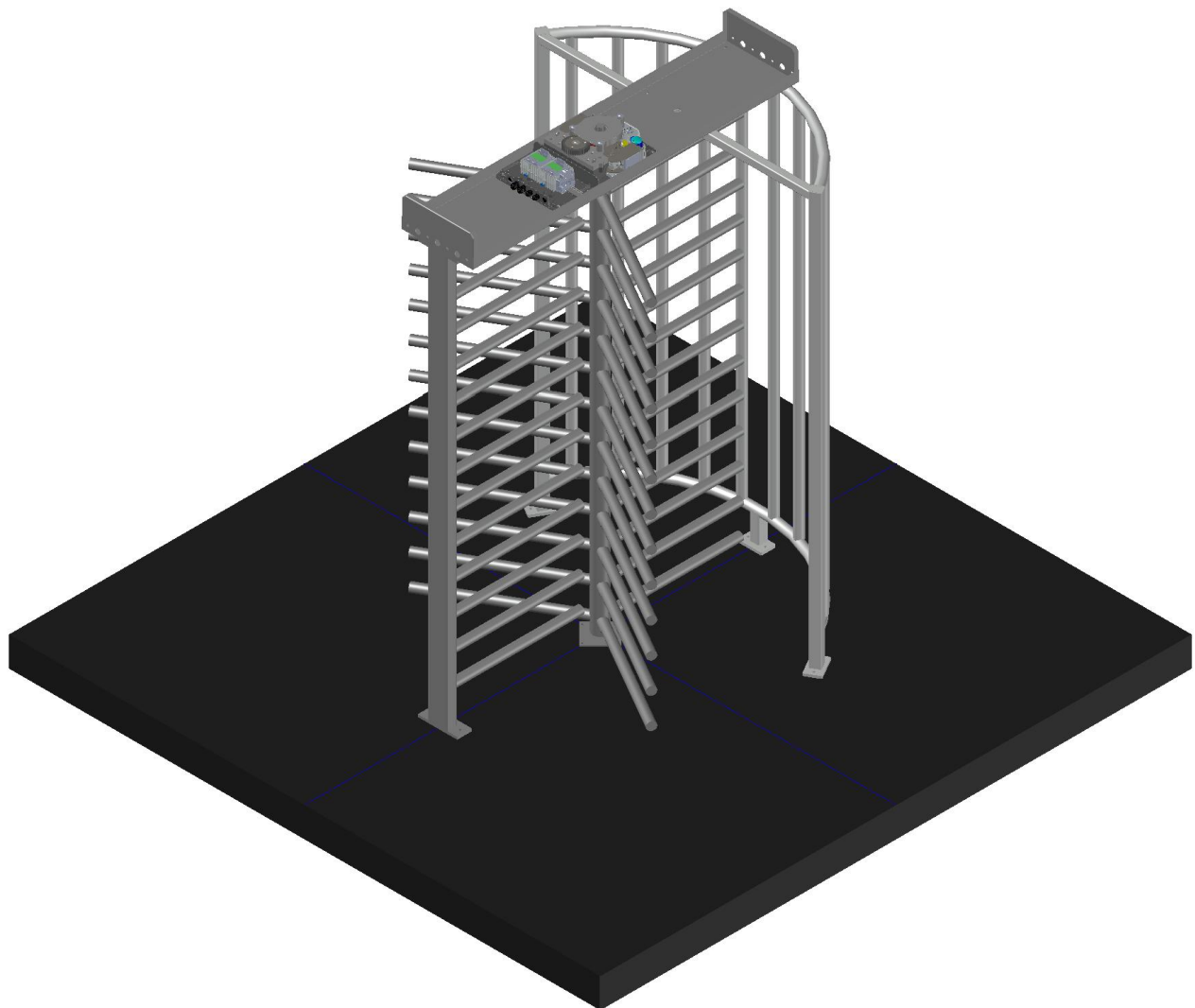
3. ATTACH HEADER WITH PROVIDED BOLTS BUT DO NOT TIGHTEN.
PUT TOGETHER LOOSE SO IT IS EASY TO MOVE AND ADJUST.



4. CHECK ALL MEASUREMENTS ACCORDING TO MODEL LAYOUT CHART. ONCE ALIGNED MARK THE GAGE, COMB, AND BOTTOM BEARING ANCHORING HOLES.

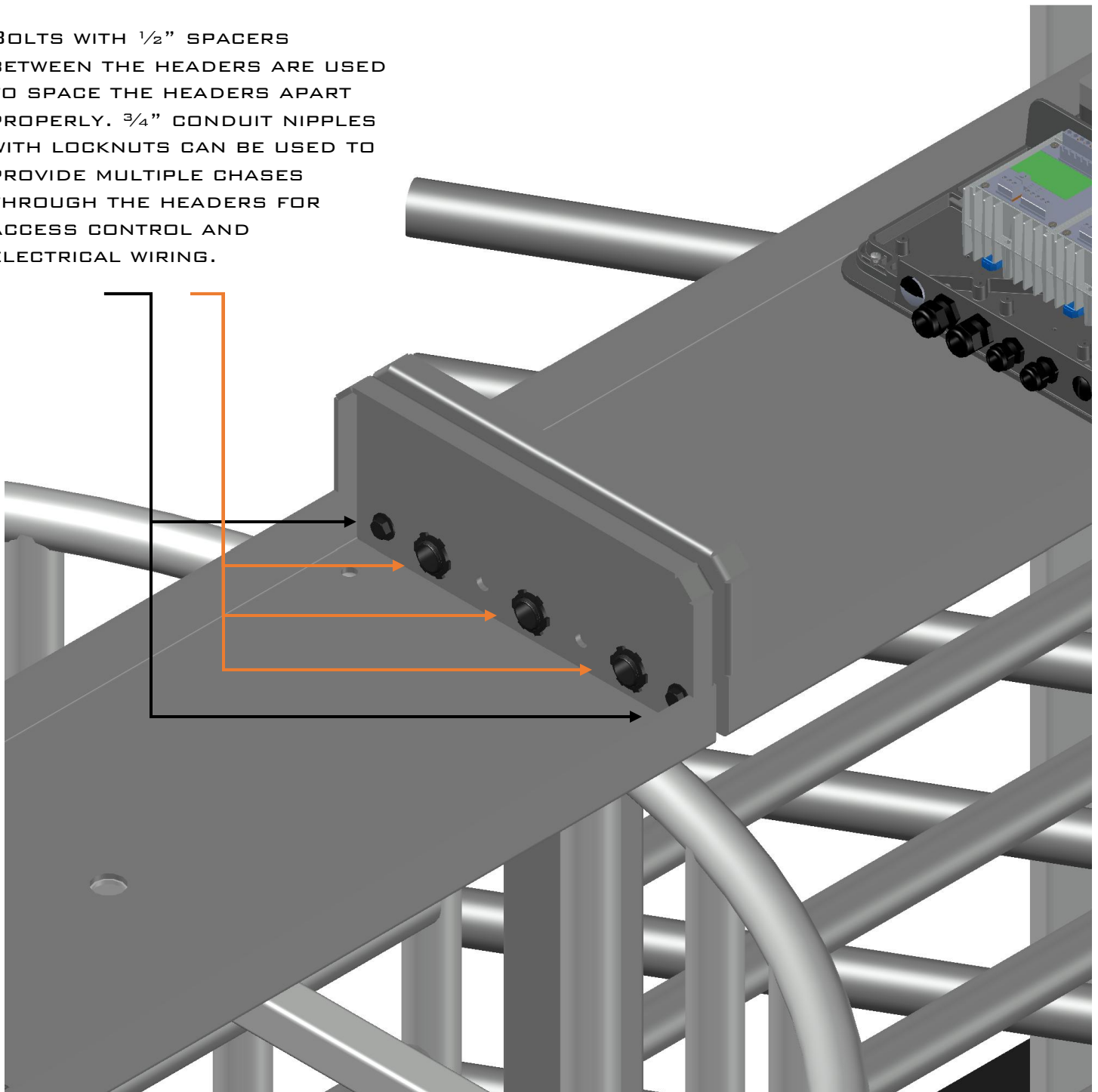


5. MOVE THE TURNSTILE SO YOU CAN ACCESS MARKS AND HAMMER DRILL HOLES FOR ANCHORS. INSTALL ANCHORS AND PLACE THE TURNSTILE ON THE ANCHORS. MAKE SURE TURNSTILE IS LEVEL AND PLUMB, TIGHTEN ANCHORS AND MOUNTING BOLTS.

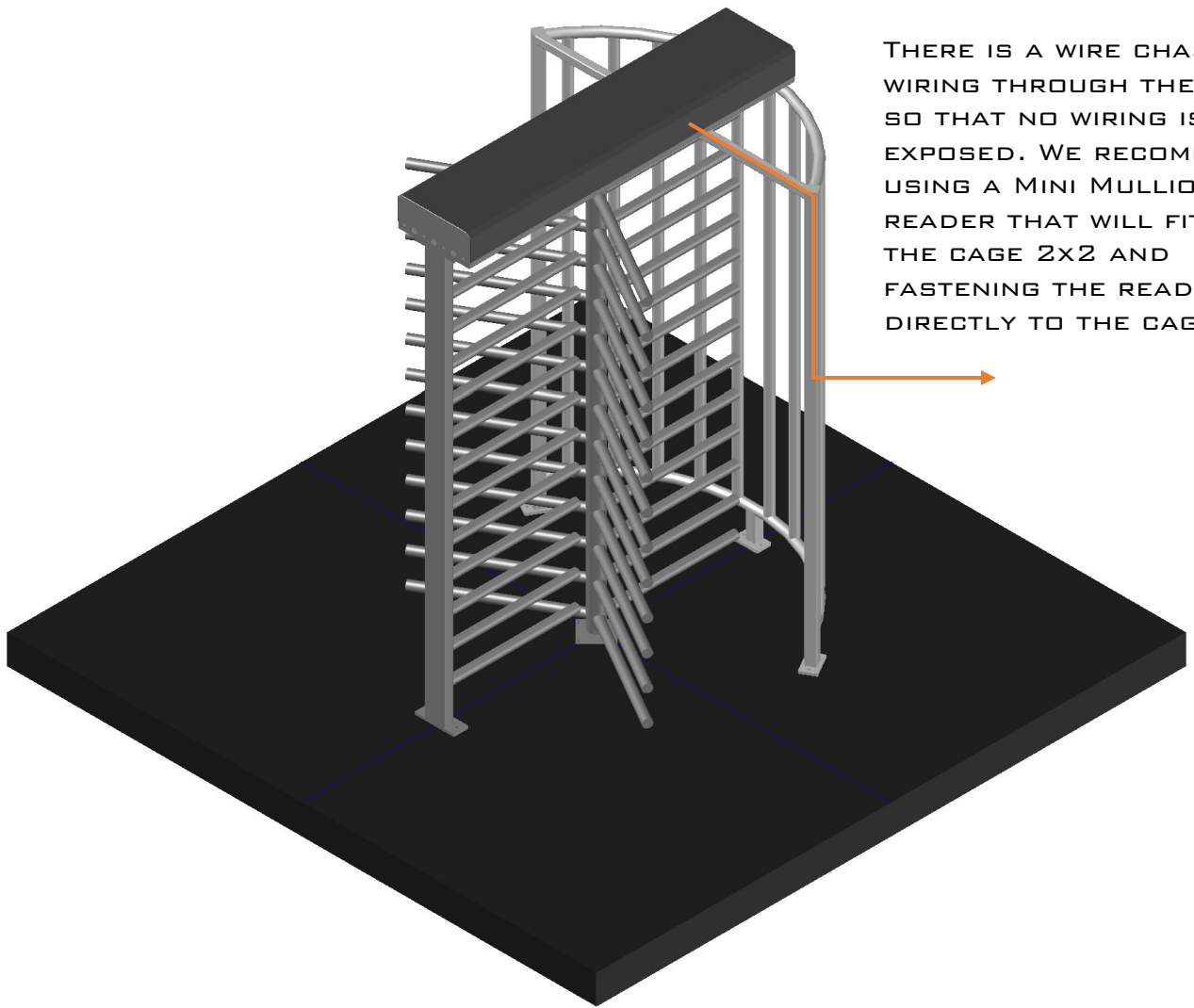


6. IF YOU HAVE ADDITIONAL OUTLAW TURNSTILES OR ADA GATES THAT GO IN THE ENTRANCE ARRAY, USE THE BOLTS IN THE HARDWARE BOX TO BOLT THEM TOGETHER WITH THE 1/2" SPACERS BETWEEN THE HEADERS.

BOLTS WITH 1/2" SPACERS BETWEEN THE HEADERS ARE USED TO SPACE THE HEADERS APART PROPERLY. 3/4" CONDUIT NIPPLES WITH LOCKNUTS CAN BE USED TO PROVIDE MULTIPLE CHASES THROUGH THE HEADERS FOR ACCESS CONTROL AND ELECTRICAL WIRING.



7. INSTALL THE LID. CONSULT WITH ELECTRICIANS AND ACCESS CONTROL CONTRACTORS TO APPLY POWER AND CONTROL THE TURNSTILE WITH ACCESS CONTROL SYSTEM.



THERE IS A WIRE CHASE FOR WIRING THROUGH THE CAGE SO THAT NO WIRING IS EXPOSED. WE RECOMMEND USING A MINI MULLION READER THAT WILL FIT ON THE CAGE 2X2 AND FASTENING THE READER DIRECTLY TO THE CAGE.

ELECTRICAL REQUIREMENTS

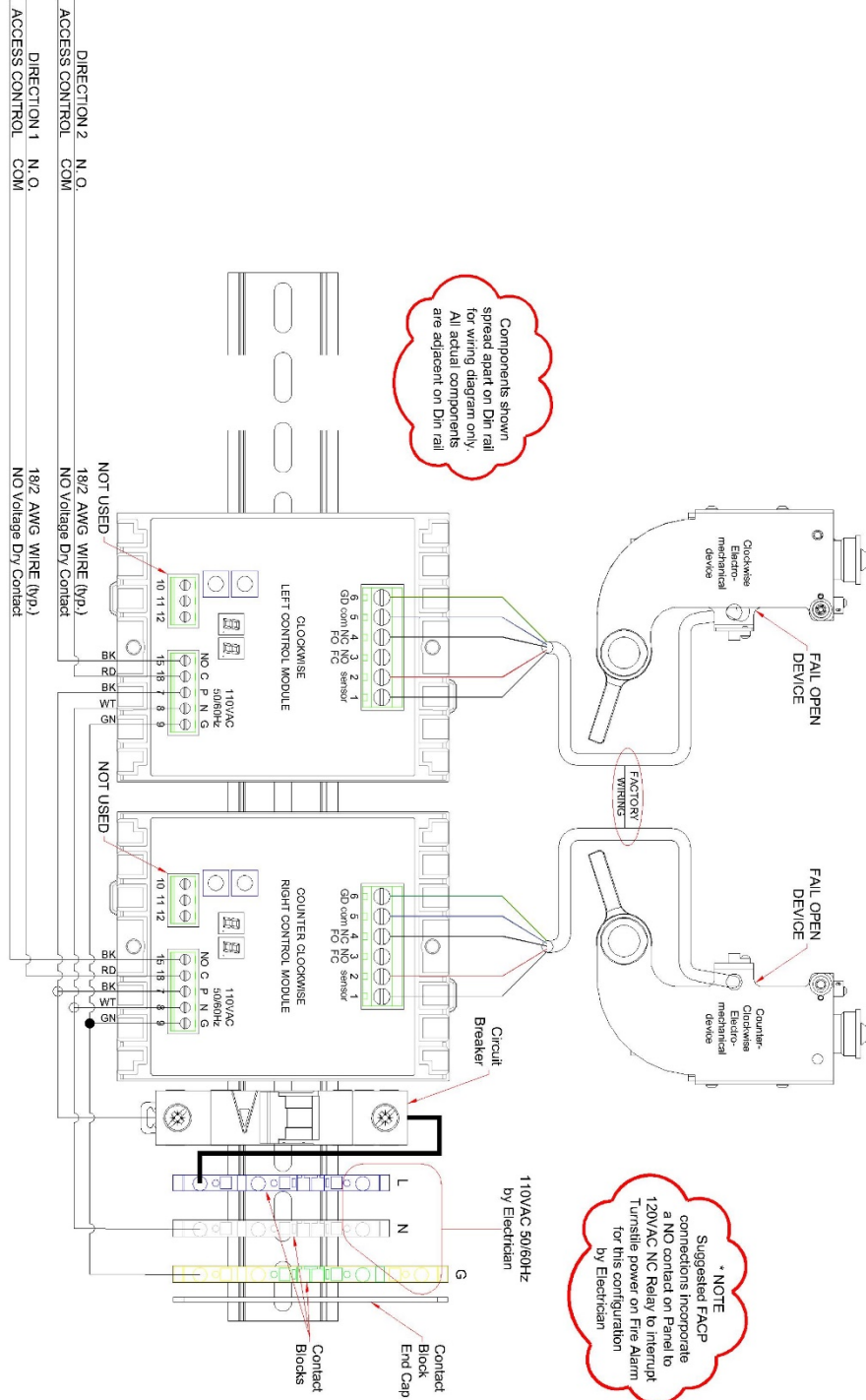
INPUT VOLTAGE	120V (240V SPECIAL ORDER)
FREQUENCY	50/60 HZ
AMPERAGE DRAW	.5 – 1 AMPS (UNLESS ENCLOSURE HEATER IS ADDED = +5 AMPS)
OPERATING TEMPERATURE	-40 °F – 120 °F

ACCESS CONTROL REQUIREMENTS

INPUT TRIGGER	NORMALLY OPEN DRY CONTACT / NO VOLTAGE
MINIMUM TRIGGER PULSE	1 SECOND
RECOMMENDED WIRE SIZE	18G 18/4
FIRE RELEASE	FIRE RELAY REMOVES POWER FROM TURNSTILE IN CASE OF EMERGENCY (TURNSTILE MUST BE CONFIGURED WITH FAIL OPEN SOLENOIDS TO ACHIEVE THIS)

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WIRING SCHEMATIC



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WARRANTY AND DISCLAIMER

WARRANTY

THANK YOU FOR YOUR INTEREST IN THE PRODUCTS AND SERVICES OF OUTLAW INDUSTRIES.

THIS LIMITED WARRANTY APPLIES TO PHYSICAL GOODS, AND ONLY FOR PHYSICAL GOODS, PURCHASED FROM OUTLAW INDUSTRIES.

WHAT DOES THIS LIMITED WARRANTY COVER?

THIS LIMITED WARRANTY COVERS ANY DEFECTS IN MATERIAL OR WORKMANSHIP UNDER NORMAL USE DURING THE WARRANTY PERIOD.

DURING THE WARRANTY PERIOD, OUTLAW INDUSTRIES WILL REPAIR OR REPLACE, AT NO CHARGE, PRODUCTS OR PARTS OF A PRODUCT THAT PROVES DEFECTIVE BECAUSE OF IMPROPER MATERIAL OR WORKMANSHIP, UNDER NORMAL USE AND MAINTENANCE.

WHAT WILL WE DO TO CORRECT PROBLEMS?

OUTLAW INDUSTRIES WILL REPAIR THE PRODUCT AT NO CHARGE, USING NEW OR REFURBISHED REPLACEMENT PARTS.

HOW LONG DOES THE COVERAGE LAST?

THE WARRANTY PERIOD FOR PHYSICAL GOODS PURCHASED FROM OUTLAW INDUSTRIES IS 18 MONTHS FROM THE DATE OF SHIPMENT TO THE END USER.

WHAT DOES THIS LIMITED WARRANTY NOT COVER?

THIS LIMITED WARRANTY DOES NOT COVER ANY PROBLEM THAT IS CAUSED BY:

- CONDITIONS, MALFUNCTIONS OR DAMAGE NOT RESULTING FROM DEFECTS IN MATERIAL OR WORKMANSHIP
- SHIPPING COST FOR REPAIR, OR DAMAGE FROM SHIPPING

WHAT DO YOU HAVE TO DO?

TO OBTAIN WARRANTY SERVICE, CONTACT US TO DETERMINE THE PROBLEM AND THE MOST APPROPRIATE SOLUTION FOR YOU. IF DEFECTS ARE CONSIDERED PRODUCT MUST BE SHIPPED BY CUSTOMER TO OUTLAW INDUSTRIES, IF DEFECTS ARE COVERED UNDER WARRANTY PRODUCT WILL BE REPAIRED AND SHIPPED BACK TO CUSTOMER BY OUTLAW INDUSTRIES.