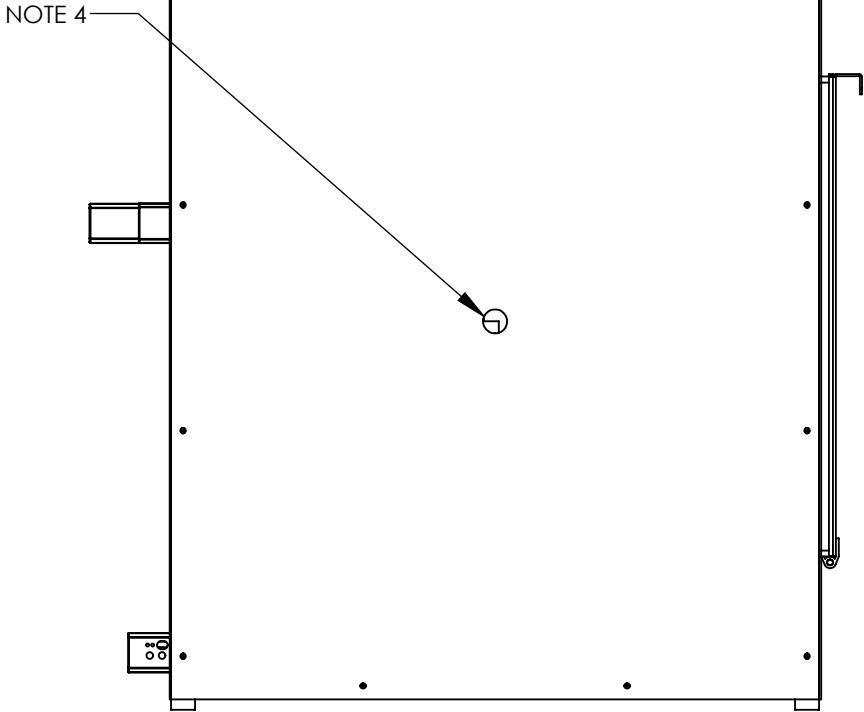


REVISIONS			
REV.	DESCRIPTION	DATE	REVIEWED
R0	FORMAL RELEASE	05/20/2010	



SIDE VIEW

NOTES:

- UTILIZE SOLID MODEL "LARVA TRACKER ASSEMBLY_UPDATED" AS REFERENCE TO DETERMINE POSITIONING OF COMPONENTS WHEN BUILDING ASSEMBLY.
- LEVELING FEET (8020 PN 2192) OPTIONAL.
- EXTERIOR FOAM INSULATION (MMC PN 8694K54) NOT SHOWN. WRAP DOOR AROUND THREE SIDES (NOT BOTTOM HINGE). INTERIOR DOOR FOAM (MMC PN 93085K162) APPLIED ALONG ALL 4 EDGES OF DOOR INTERIOR. CUT TO SUIT.
- PLUG HOLE WITH MMC PN 9688K131 OR EQUIVALENT (TWO PLACES).
- GLASS PLATE VIRTUAL PLANE TO BE PARALLEL TO VIRTUAL PLANE GENERATED BY UPPER GIMBALL ASSY TO WITHIN +/- 0.010. THIS IS THE DOCUMENTED WORST-CASE DEPTH OF FIELD FOR CAMERA USED FOR THE APPLICATION.
- THOR LABS COMPONENTS TO BE SECURED WITH LOCTITE ONCE FINAL LED POSITIONING HAS BEEN DETERMINED.
- ENSURE ENCLOSURE IS LIGHT-TIGHT, AND FILL WITH TAPE OR RTV AROUND JOINTS AND EDGES AS NECESSARY.
- SECURE SET SCREW ON M51/M THOR LABS 1CM ADJUSTOR WHEN ROUGH CAMERA FOCUSING IS COMPLETED. REPLACE SET SCREW WITH MMC PN 90128A042.
- SECURE DOOR HINGE TO FRONT PANEL WITH 10-32 BUTTON HEAD CAP SCREW (MMC PN 92949A264), MOUNTING TO 8020 DROP-IN T-NUTS (PN 14164), 6 PLS.
- SECURE DOOR HINGE TO DOOR BY THREADING M5 HARDWARE (MMC PN 91239A220) INTO M5 TAPPED HOLES IN DOOR, 6 PLS.

NOTES (CONT'D):

- SECURE MAGNET SPACER BLOCK AND MAGNET CATCH TO FRONT PANEL WITH M4 HARDWARE (MMC PN 91294A194 AND 93825A120).
- SECURE MAGNET TO DOOR USING M4 HARDWARE (MMC PN 91294A188 AND 93825A120).
- MODIFY MAGNET & CATCH THRU-HOLE (MMC PN 1745A12) AS NECESSARY TO ENSURE HARDWARE IS FLUSH WITH MATING SURFACES.
- BOM FOR LARVA TRACKER ASSEMBLY PROVIDED IN SEPARATE SPREADSHEET, "BOM-211003-0001."

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES

.XXX ±0.005
.XX ±0.01
.X ±0.1
ANGLES ±0.5°

DO NOT SCALE DRAWING

APPROVALS	DATE
DRAWN AGR	05/18/2010
CHECKED BLL	05/18/2010
REVIEWED BLL	05/18/2010



THIRD ANGLE
PROJECTION

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410-385-0200 WWW.KEYTECHINC.COM

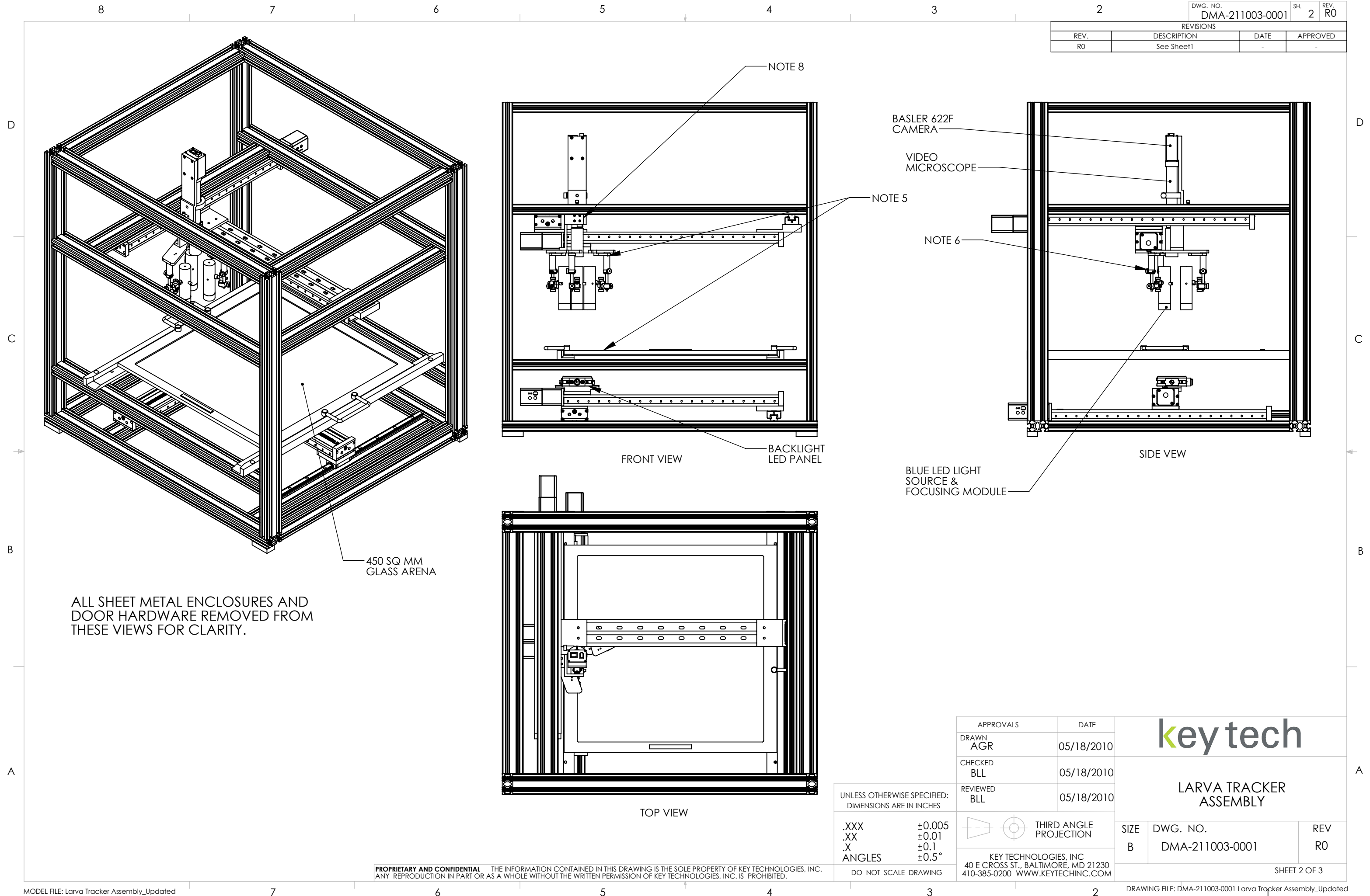
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LARVA TRACKER
ASSEMBLY

SIZE	DWG. NO.	REV
B	DMA-211003-0001	R0

SHEET 1 OF 3

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
R0	See Sheet1	-	-



ALL SHEET METAL ENCLOSURES AND
DOOR HARDWARE REMOVED FROM
THESE VIEWS FOR CLARITY.

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.X	±0.1
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LARVA TRACKER
ASSEMBLY

SIZE	DWG. NO.	REV
B	DMA-211003-0001	R0

SHEET 2 OF 3

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
R0	See Sheet1	-	-

D

C

B

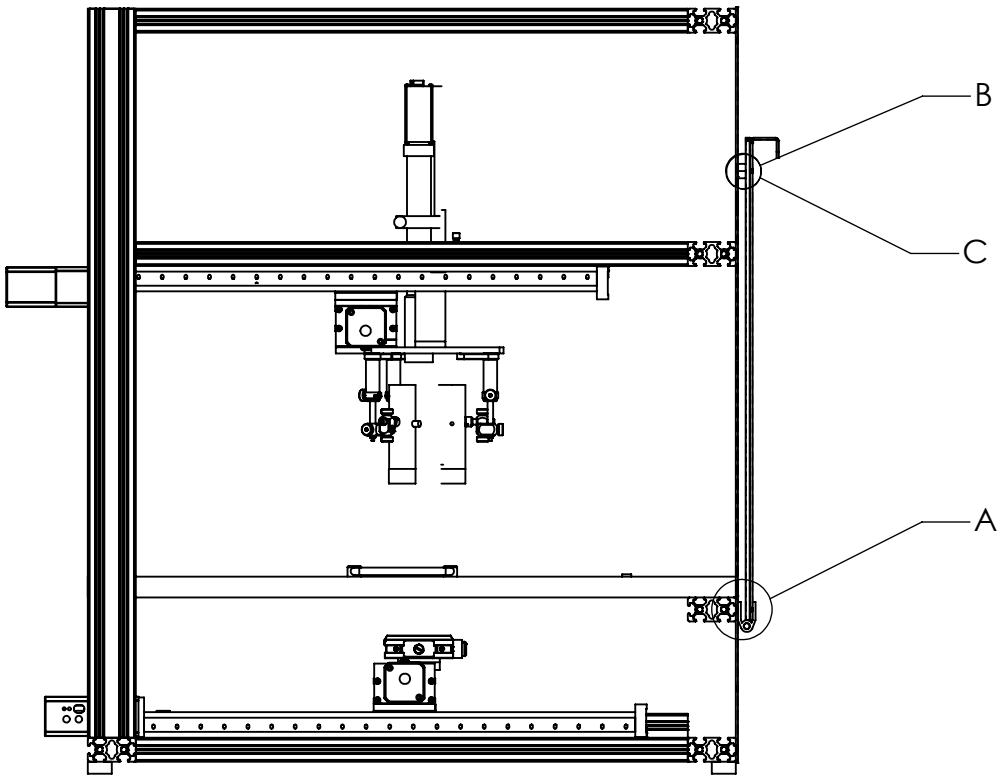
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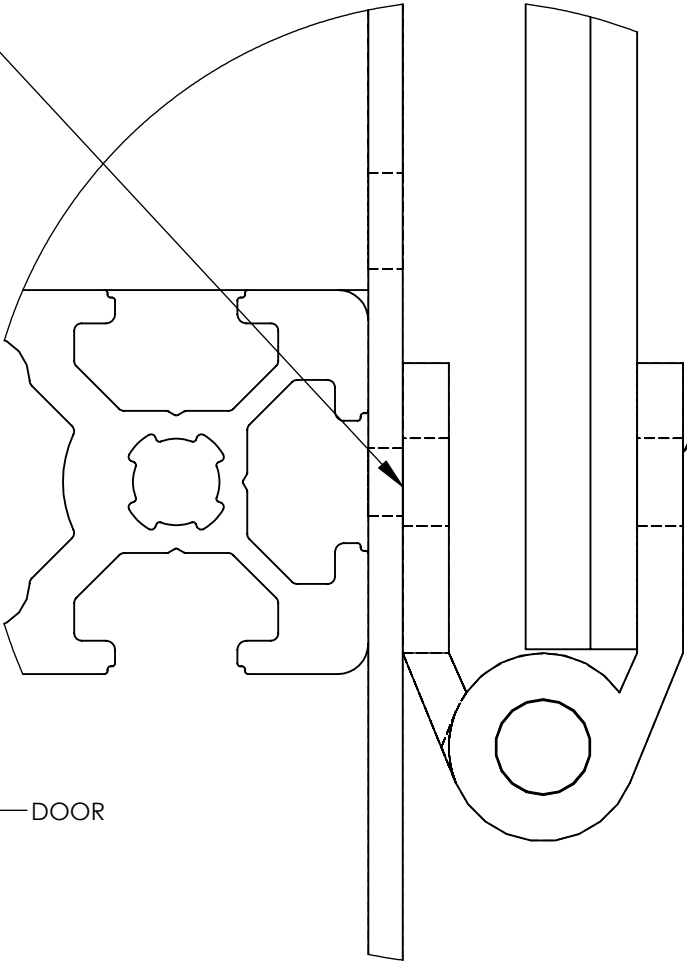
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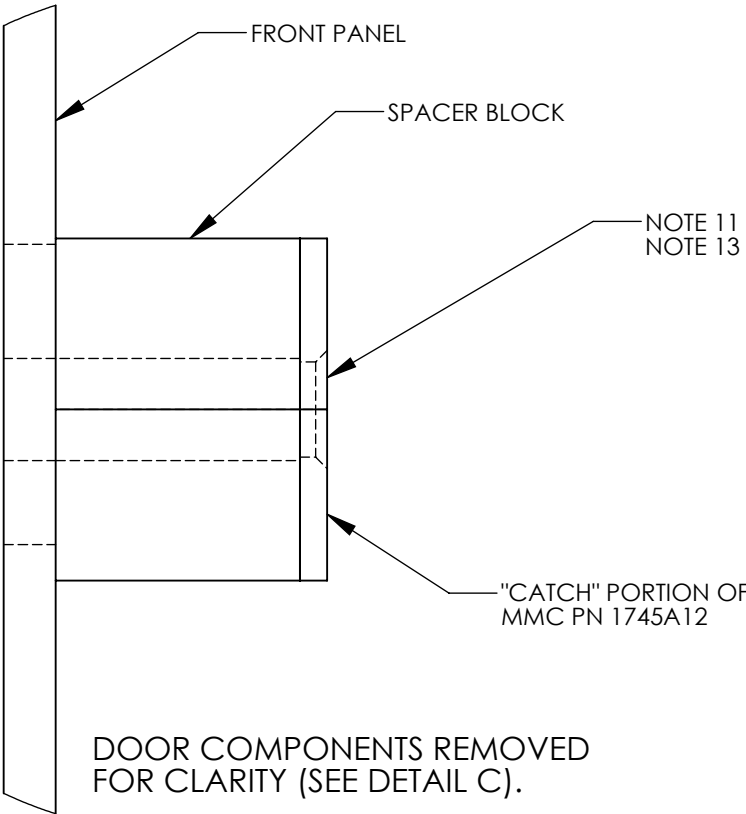
SIDE ENCLOSURE SHEETS REMOVED FOR CLARITY

NOTE 9

NOTE 10



DETAIL A

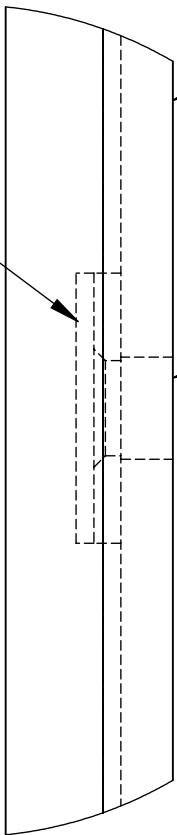


DOOR COMPONENTS REMOVED FOR CLARITY (SEE DETAIL C).

DETAIL B

"MAGNET" PORTION OF MMC PN 1745A12

NOTE 11
NOTE 13



DETAIL C

DOOR

NOTE 12
NOTE 13

FRONT PANEL COMPONENTS REMOVED FOR CLARITY (SEE DETAIL B).

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.XXX	±0.005
.XX	±0.01
.X	±0.1
ANGLES	±0.5°
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LARVA TRACKER
ASSEMBLY

SIZE	DWG. NO.	REV
B	DMA-211003-0001	R0

SHEET 3 OF 3