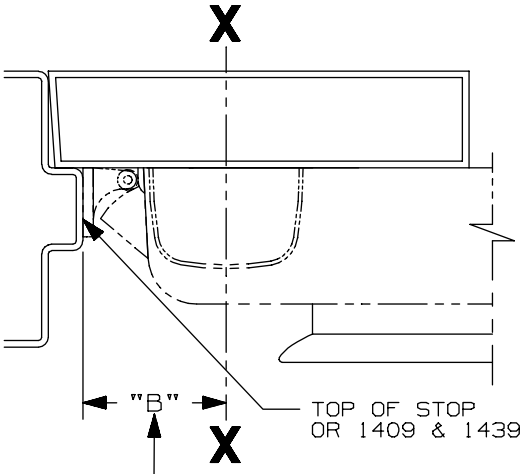
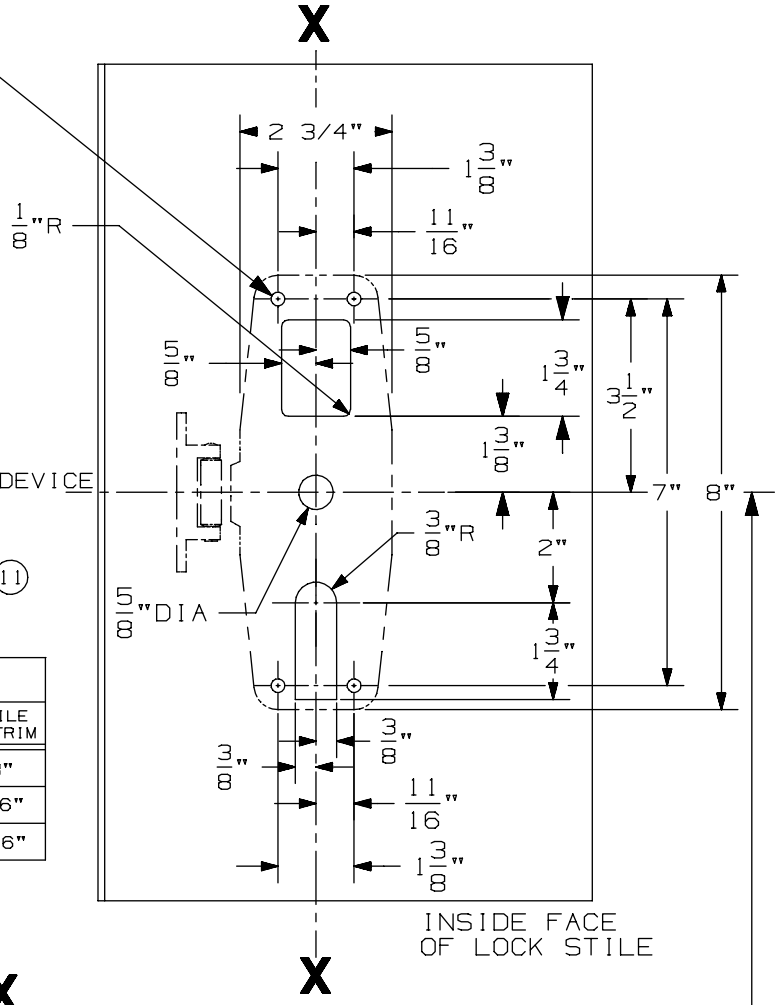
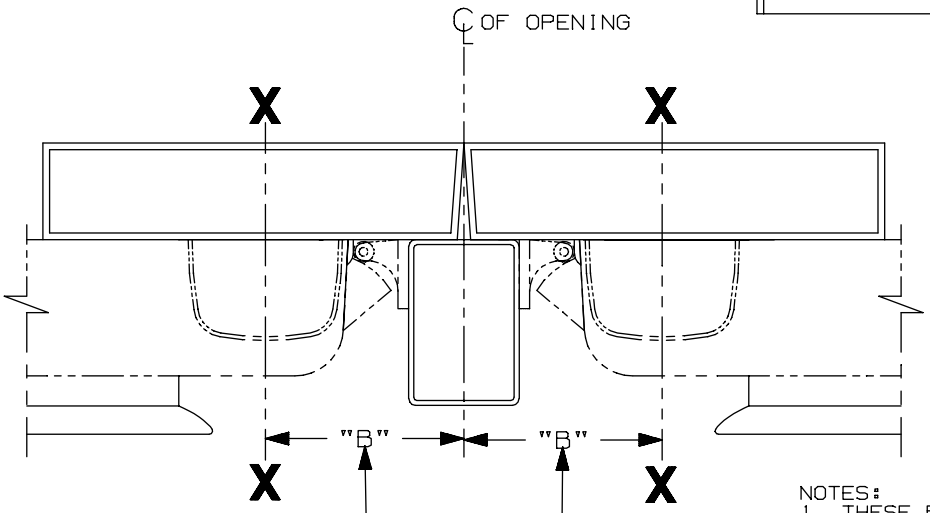
APPLICATION	PREPARATION
SURFACE APPLICATION	#10-24 TAP 4 PLACES
990 TRIM APPLICATION OR SEX BOLT APPLICATION (SEE NOTE 1)	1/4' DIA THIS SIDE 13/32" DIA OPPOSITE SIDE - 4 PLACES





SINGLE DOOR INSTALLATION			
STRIKE	DIM. "B"	MIN. STILE 990/991/992 TRIM	MIN. STILE 696/697 TRIM
299 & 299-F	2 3/8"	4 1/2"	4 3/8"
(11) 1409 & 1439	1 9/16"	3 13/16"	3 13/16"
1606	1 15/16"	4 1/16"	3 15/16"



SINGLE DOOR OPENING
39 13/16" TO FINISHED FLOOR

DOUBLE DOOR OPENING
WITH VON DUPRIN MULLION
39 11/16"

LHR APLICATION SHOWN
RHR APPLICATION OPPOSITE

DOUBLE DOOR INSTALLATION WITH VON DUPRIN MULLIONS				
MULLION	STRIKE	DIM. "B"	MIN. STILE 990/991/992 TRIM	MIN. STILE 696/697 TRIM
(11) 4954/9954	299/299-F	3 3/8"	4 7/8"	4 3/4"
5654	299	2 15/16"	4 3/8"	4 1/4"
5754	1408	2 1/8"	3 13/16"	3 13/16"
1654	1606	2 15/16"	4 3/8"	4 1/4"

NOTES:
1. THESE FOUR HOLES TO BE PREPARED FOR SURFACE APPLICATION WHEN USING 696/697 TRIM. DO NOT PREPARE FOR SEX BOLTS.
2. FOR STOCK HOLLOW METAL DOORS SEE TEMPLATE 10309 FOR TYPE "161" CUTOUT AND 10315 FOR TYPE "86" CUTOUT.
3. GLASS BEAD KIT AVAILABLE WHEN REQUIRED.
4. FOR OUTSIDE TRIM PREPARATION, WHEN REQUIRED, SEE TRIM TEMPLATE.
5. IT IS RECOMMENDED THE MOUNTING HOLES BE PREPARED IN THE FIELD.
6. 9954 W/299-F FOR HURRICANE APPLICATIONS (11) ONLY.

98/99-2 & 98/99-F-2 TP, K, & L Series Double Cylinder Rim Device

VON DUPRIN®

NOTES: SEE MASTER SHEET #10001 FOR SUGGESTED REINFORCING

TEMPLATE NUMBER: 10322_a

DATE: 05-21-13