

s:\projects\dormakaba\lbc-21-0745 - fbc submittal - signature hardware series 1000, 2000 panic device (noa-16-1116.03)\dwg\ldor019.dwg 8/13/2021 8:51 AM

dormakaba USA, Inc.

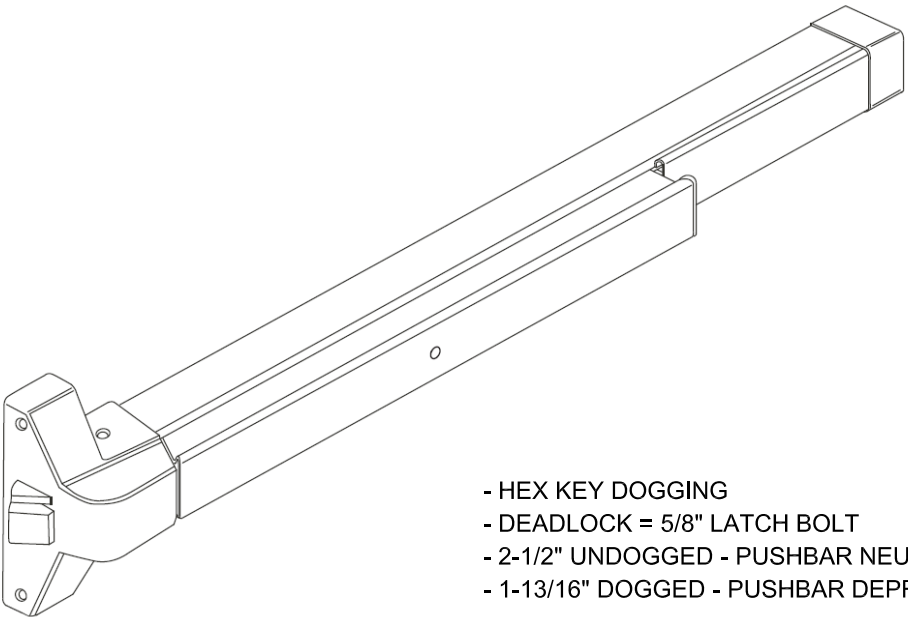
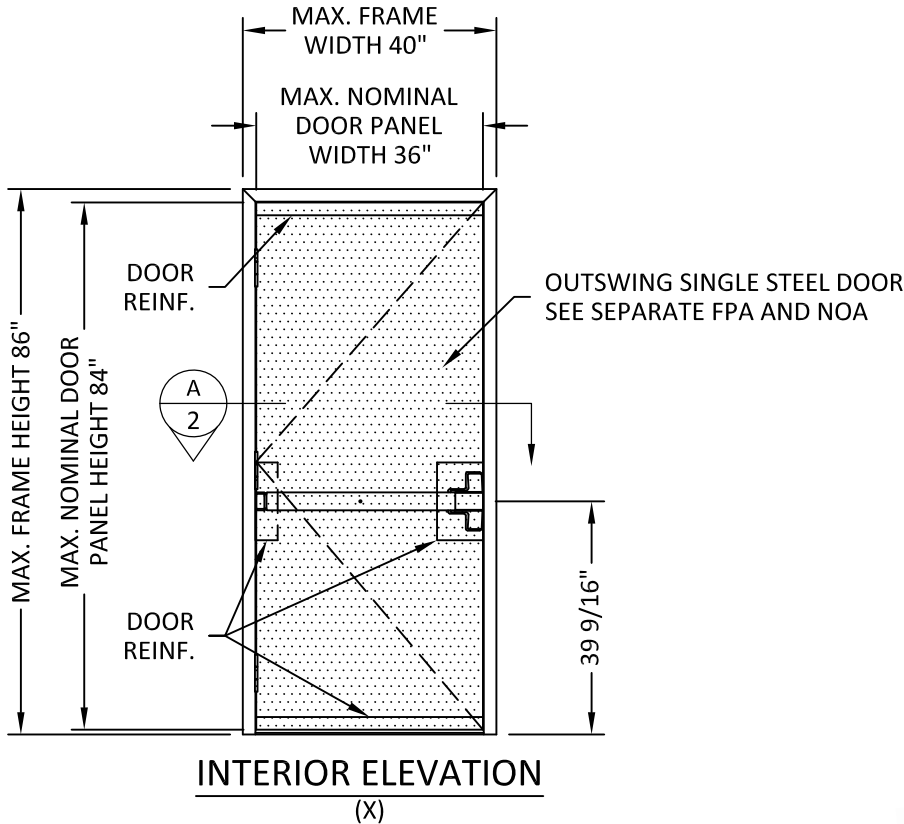
SERIES 1000 & 2000 RIM PANIC EXIT DEVICE (HVHZ) (IMPACT)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ). ALL PRODUCTS UNDER THE SCOPE OF THIS DOCUMENT HAVE BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
2. DESIGN HARDWARE SERIES 1000 & 2000 RIM PANIC LOCATED AT 39 9/16" UP FROM BOTTOM EDGE OF THE OPERABLE PANEL.
3. THE LOCKING PANIC HARDWARE PRODUCTS LISTED IN THIS DOCUMENT SHALL BE USED IN CONJUNCTION WITH FPA OR NOA'S UTILIZING SIMILAR LOCKING COMPONENTS. DESIGN PRESSURE RATING WILL BE LIMITED BY THE LOWEST RATED APPROVAL. THE PRODUCT CAN BE USED WITH HOLLOW METAL STEEL DOORS HOLDING FPA OR NOA.
4. THIS HARDWARE COMPONENT IS APPROVED AS AN ALTERNATIVE DEVICE TO BE USED IN A SINGLE PANEL STEEL DOOR. HOLDING FPA OR NOA. THE LOWEST DESIGN PRESSURE RATING AT THIS COMPONENT OR THE DOOR SHALL APPLY.
5. DOOR PANEL SHALL BE CORE FILLED WITH APPROVED PAPER HONEYCOMB OR CORE COMPLYING WITH FBC OPTIONS, WITH MINIMUM OVERALL 1.75" THICKNESS.
6. DOOR PANEL FACE SHEET: MIN. 20 GA.(0.032" THK.) STEEL Fy = 47.5 KSI MIN.
DOOR FRAME: MIN. 18 GA. (0.053" THK.) STEEL Fy = 45.1 KSI MIN.
7. DOOR PANEL OPTION: STAINLESS STEEL A316 OR A304 MIN. 20 GA. (0.032" THK.) Fy=47.5 KSI OR BETTER MAY QUALIFY HAVING "MIL-CERTIFICATE" AS A VERIFICATION OF THE AVAILABLE MIN. YIELD STRENGTH.
DOOR FRAME OPTION: STAINLESS STEEL A316 OR A304 MIN. 18 GA. (0.053" THK.) Fy=45.1 KSI OR BETTER MAY QUALIFY HAVING "MIL-CERTIFICATE" AS A VERIFICATION OF THE AVAILABLE MIN. YIELD STRENGTH.
8. REINFORCEMENTS:
 - MIN. 14" LONE PANIC BOX REINF. (1-3/16" x 4-3/16" x 16GA) @ DOOR & HINGE STILES AT PANIC LOCATION AS REQUIRED
 - 2 MIN. 1-5/8" x 1-3/16" x 16GA (.053") FULL LENGTH END CHANNEL @ TOP & BOTTOM OF THE DOOR PANEL IS REQUIRED
9. ELECTRICAL INSTALLED IS NOT PART OF THE APPROVAL & SUCH INSTALLATION MUST BE REVIEWED BY CORRESPONDING BUILDING AUTHORITY.

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SHEET	SHEET DESCRIPTION
1	GENERAL NOTES AND ELEVATION
2	SECTION AND INSTALLATION DETAILS
3	COMPONENTS AND BILL OF MATERIALS

MAX. DESIGN PRESSURE	MISSILE RATING
+75/-75 PSF	LARGE & SMALL MISSILE IMPACT



- HEX KEY DOGGING
- DEADLOCK = 5/8" LATCH BOLT
- 2-1/2" UNDOGGED - PUSHBAR NEUTRAL
- 1-13/16" DOGGED - PUSHBAR DEPRESSED

SERIES 1000 & 2000 RIM PANIC EXIT DEVICE (LMI) - COMPONENT APPROVAL



dormakaba USA, Inc.
6161 E. 75TH STREET
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PH: (317) 806-3288

TITLE:
DESIGN HARDWARE SERIES 1000 &
2000 RIM PANIC EXIT DEVICE
(HVHZ) (IMPACT)

GENERAL NOTES & ELEVATION

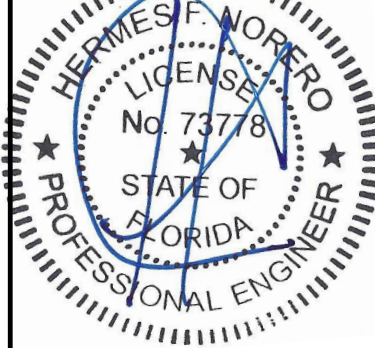
PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
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FAX: (954) 744-4738
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REMARKS	BY	DATE

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.

Digitally signed by Hermes F Norero
Reason: I am approving this document
Date: 2021.08.16 13:18:20 -04'00'

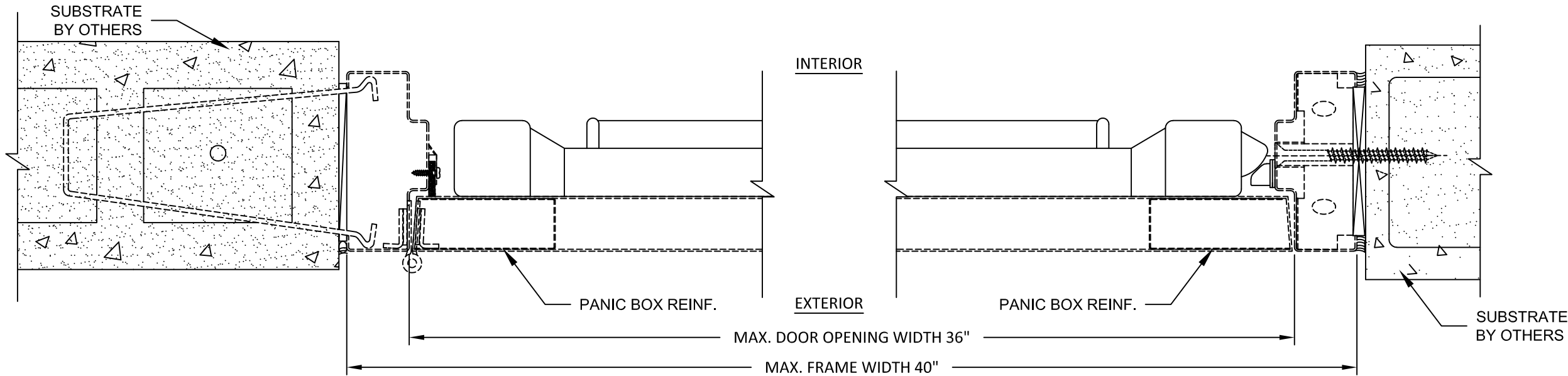


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FLORIDA P.E. No 73778
BUILDING DROPS, INC
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:	FL39625
DATE:	08.12.21
DWG. BY:	MS
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	DOR019
SHEET:	1

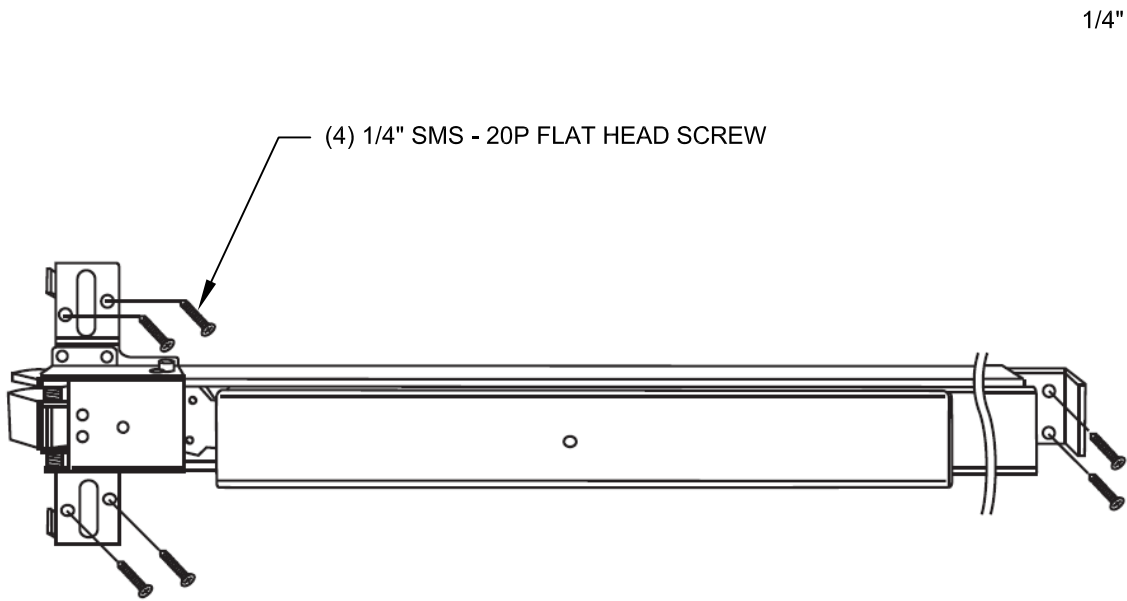
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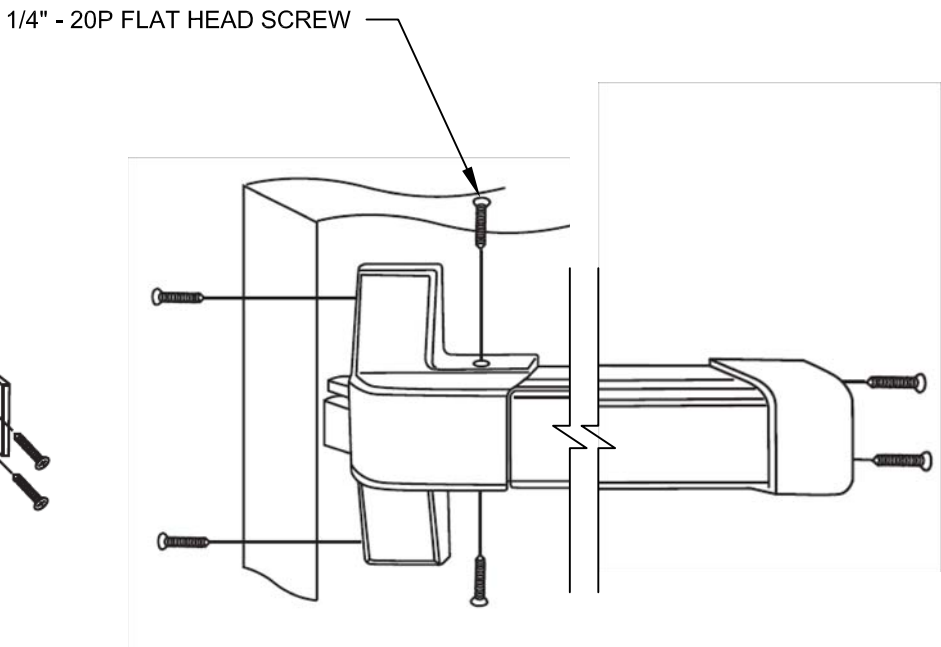


A
2 **HORIZONTAL SECTION**
SERIES 1000 & 2000 RIM PANIC EXIT DEVICE

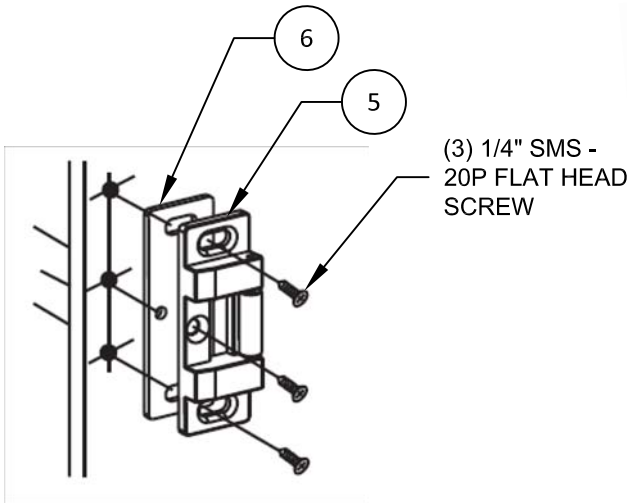
NOTE:
HOLLOW METAL STEEL DOORS & FRAME SIZES
AND ITS ANCHORS & SUBSTRATE AS PER
DOOR HOLDING FPA OR NOA



STEP #1



STEP #2



ROLLER STRIKE PLATE

STEP #3

SERIES 1000 & 2000 RIM PANIC EXIT DEVICE INSTALLATION



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SECTION & INSTALLATION DETAILS

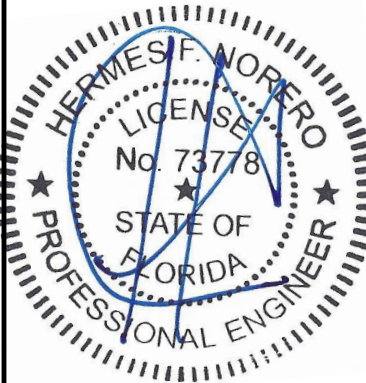
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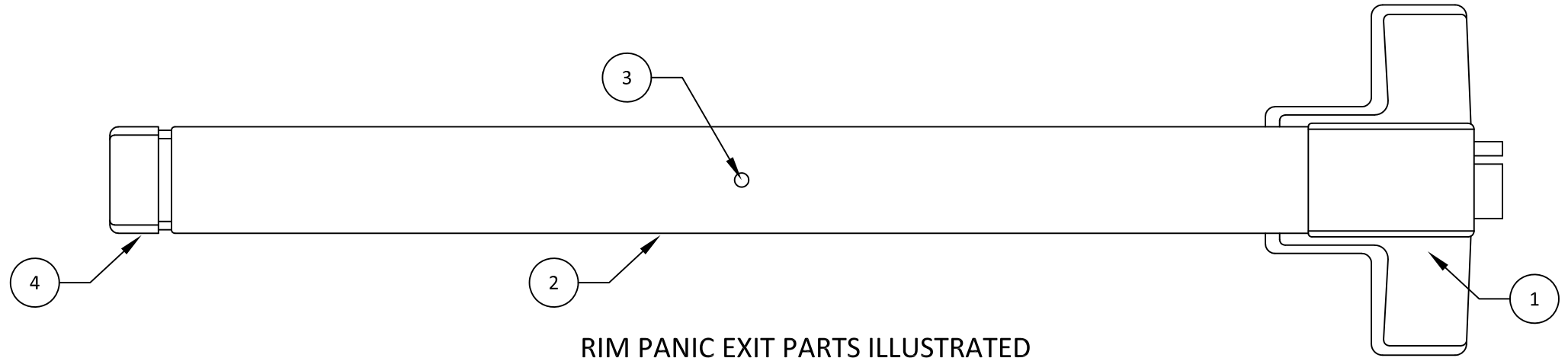
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MS

CHK. BY:
HFN

SCALE: **NTS**

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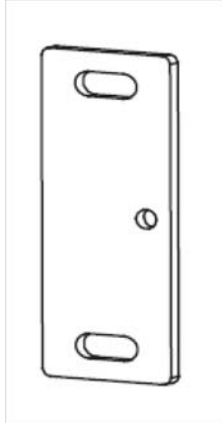
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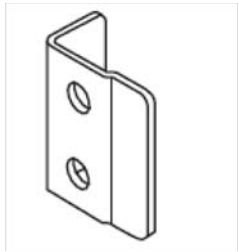
RIM PANIC EXIT PARTS ILLUSTRATED



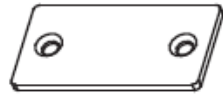
5 ROLLER STRIKE



6 STRIKE SHIM



7 END COVER MOUNTING BRACKET



8 LATCHBOLT FILLER PLATE



9 ASA FILLER PLATE

BILL OF MATERIALS				
ITEM NO.	MATERIAL	QUANTITY	DESCRIPTION	MANF./SUPPLIER/REMARKS
①	STEEL	1	HEAD COVER	DESIGN HARDWARE
②	STEEL	1	ACTUATING BAR	DESIGN HARDWARE
③	STEEL	1	DOGGING DEVICE	DESIGN HARDWARE
④	STEEL	1	END COVER	DESIGN HARDWARE
⑤	STEEL	1	ROLLER STRIKE	DESIGN HARDWARE
⑥	STEEL	1	STRIKE SHIM	DESIGN HARDWARE
⑦	STEEL	1	END COVER MOUNTING BRACKET	DESIGN HARDWARE
⑧	STEEL	1	LATCHBOLT FILLER PLATE	DESIGN HARDWARE
⑨	STEEL	1	ASA FILLER PLATE	DESIGN HARDWARE



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COMPONENTS & BILL OF MATERIALS

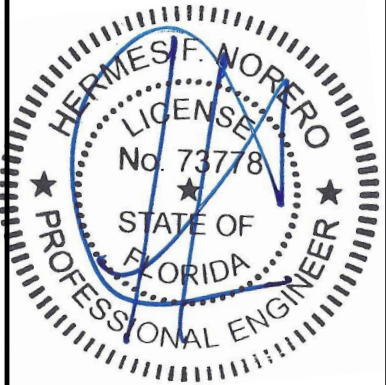
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