

INSTALLATION NOTES:

1. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
2. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
3. USE TWO (2) INSTALLATION ANCHORS AT EACH LOCATION SHOWN (SEE SHEETS 2 & 3)
4. FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY OR DIRECTLY INTO CONCRETE/MASONRY, USE 1/4 INCH ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 3/4 INCH MINIMUM EMBEDMENT INTO CONCRETE/MASONRY. CONCRETE/MASONRY ANCHORS SHALL MAINTAIN A MIN. EDGE DISTANCE OF 2 1/2 INCH.
5. FOR INSTALLATION THROUGH METAL STUD USE 1/4-14 TEK SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND METAL STRUCTURE. METAL ANCHORS SHALL MAINTAIN A MINIMUM EDGE DISTANCE OF 3/4 INCH.
6. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
7. FOR GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
8. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
9. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

A. CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3192 PSI.

B. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).

C. GROUT-FILLED CMU - UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI AND GROUT CONFORMS TO ASTM C 476, MINIMUM GROUT COMPRESSIVE STRENGTH OF 2000 PSI.

D. HOLLOW BLOCK CMU - UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.

E. STEEL - MINIMUM 1/8 INCH A36 STEEL

F. ALUMINUM - MINIMUM 1/8 INCH 6063-T5 ALUMINUM

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE 5TH EDITION (2014) FLORIDA BUILDING CODE, INCLUDING HVHZ.

TAS 202-94
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
3. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
4. 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, IN NON HVHZ AND TO BE REVIEWED BY BUILDING OFFICIAL. FOR HVHZ DEVIATION FROM APPROVAL REQUIRES ONE TIME APPROVAL FROM MIAMI-DADE COUNTY (PERA).
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. DOOR FRAME MATERIAL: ALUMINUM 6063-T6 UNLESS OTHERWISE NOTED.
7. DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM UNIT FRAMING SHALL BE PROTECTED AS DEFINED IN THE FBC.
8. GLASS SHALL MEET THE REQUIREMENTS OF ASTM E1300-04 GLASS CHARTS. SEE SHEET 8 FOR GLAZING DETAILS.
9. DESIGNATIONS "SX" AND "O" STAND FOR THE FOLLOWING:

SX: OPERABLE BREAKOUT PANEL

O: FIXED PANEL

NABCO

SYSTEM GT 1175 - BIPART AUTOMATIC SLIDER WITH FIXED SIDELITE (NON-IMPACT) (O-SX-SX-O)

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DESIGN PRESSURE RATING		
GLAZE TYPE	DESIGN PRESSURE	MISSILE IMPACT RATING
1	+/- 60.0 PSF	NON-IMPACT

* UNIT SHALL BE INSTALLED AT LOCATION PROTECTED BY OVERHANG SUCH THAT THE OVERHANG RATIO (OH) = OH LENGTH / OH HEIGHT GREATER THAN 1.0

MANUFACTURER:



GYRO TECH
S82 W18717 GEMINI DRIVE
P.O. BOX 906 MUSKEGO,
WISCONSIN 53150
PHONE: (877) 622-2694
FAX: (262) 679-2505

TITLE:

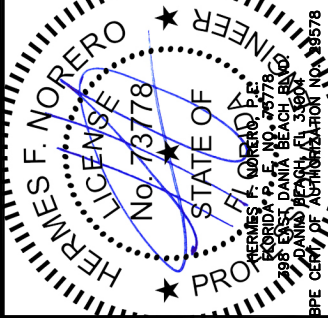
SYSTEM GT 1175 AUTO. SLIDER

INSTALLATION & GENERAL NOTES

PREPARED BY:

BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
(954) 399-8478

REVISIONS	NO.	DESCRIPTION	BY	DATE
	A	5TH EDITION FBC REVISIONS	LS	9.28.15

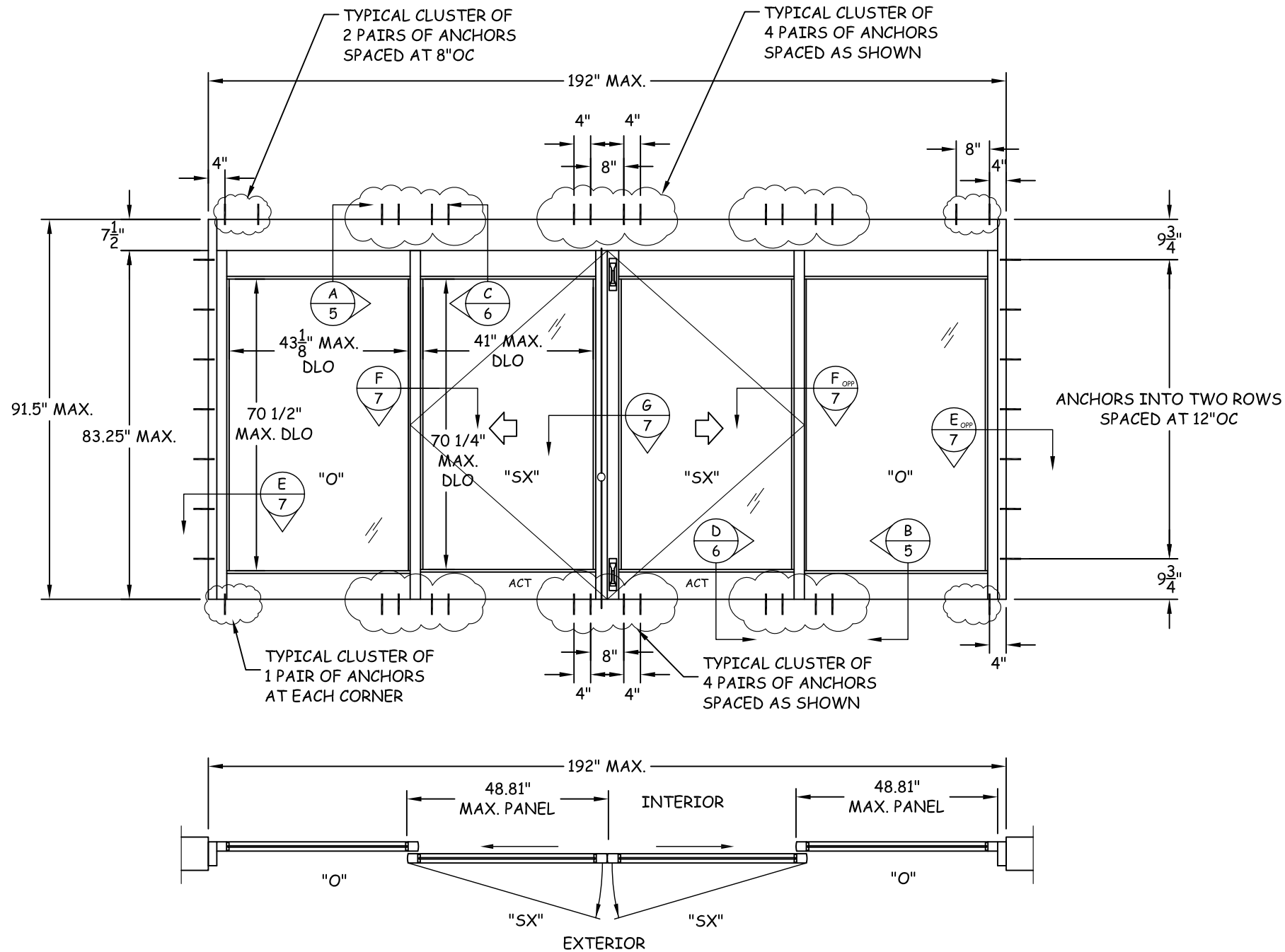


DATE: 11.30.12
DWN BY: MTJ
CHK BY: HFN
SCALE: NTS

DWG #:
NAB002

SHEET: 1 OF 10

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ELEVATION

INTERIOR VIEW
(O-SX-SX-O)

MANUFACTURER:



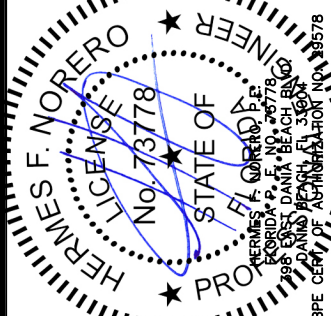
GYRO TECH

S82 W18717 GEMINI DRIVE
P.O. BOX 906 MUSKEGO,
WISCONSIN 53150
PHONE: (877) 622-2694
FAX: (262) 679-2505

TITLE:
SYSTEM GT 1175 AUTO. SLIDER
ELEVATION & ANCHOR LAYOUT

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

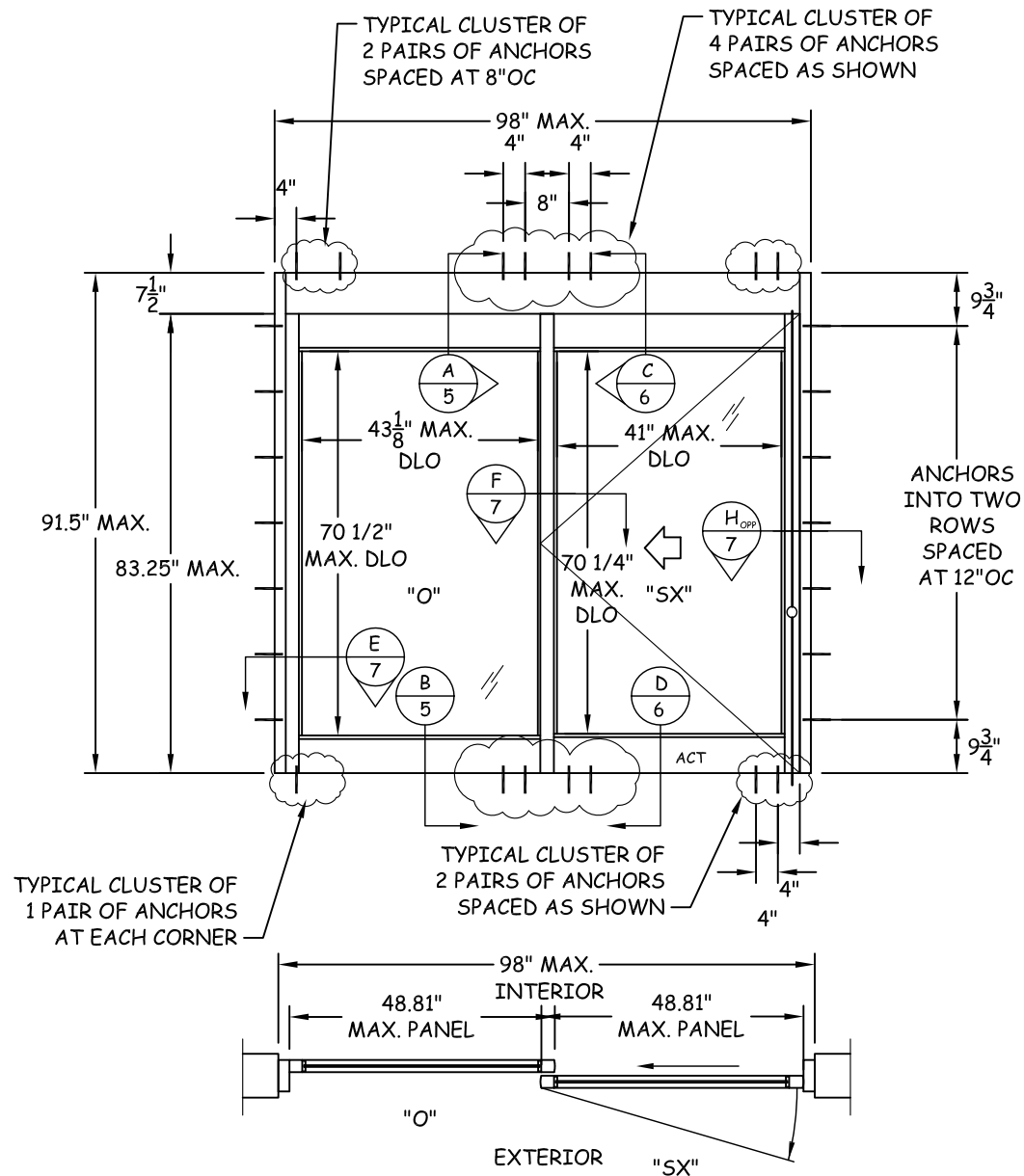
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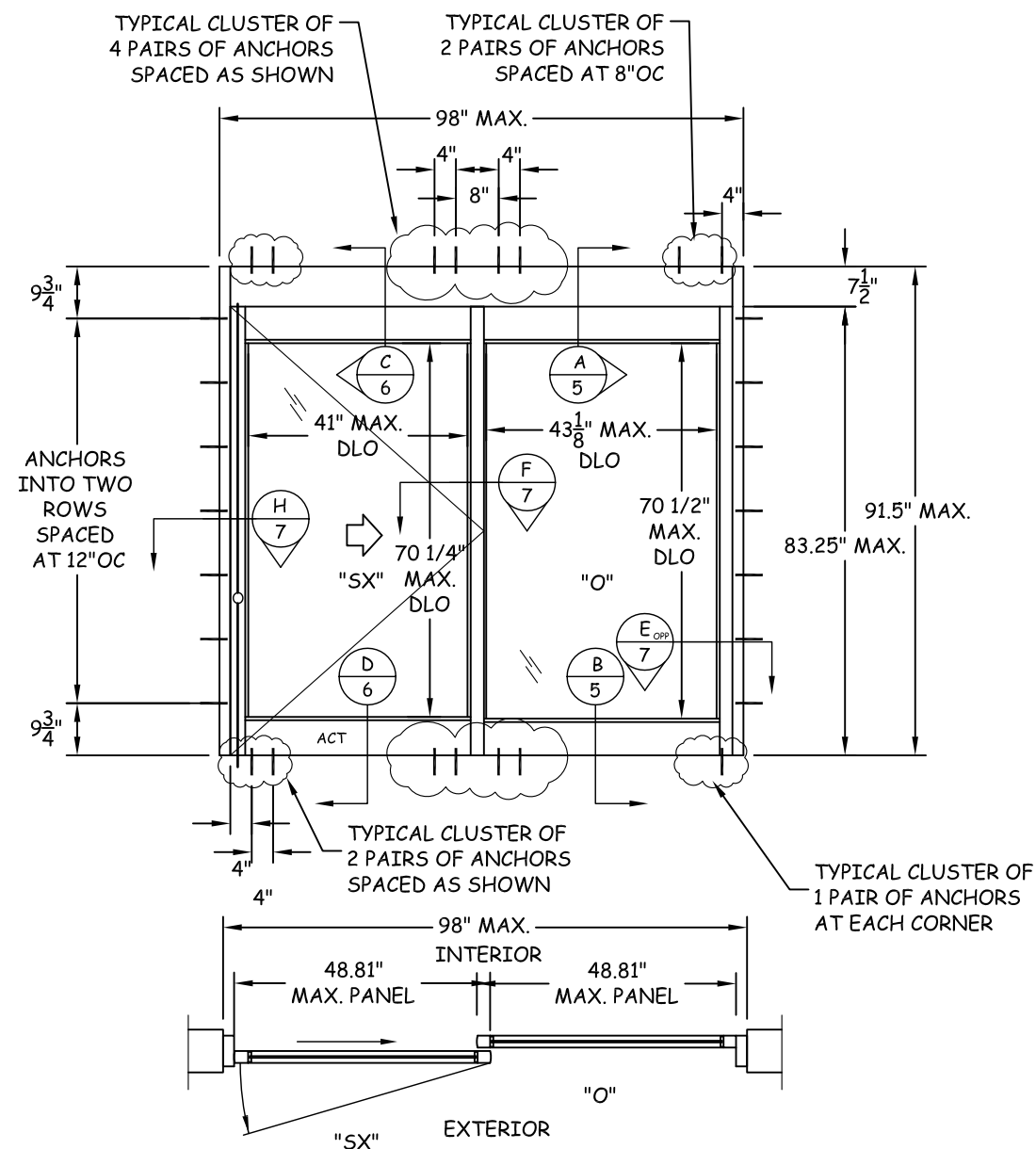
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SHEET: **2 OF 10**

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ELEVATION
INTERIOR VIEW
(O-SX)



ELEVATION
INTERIOR VIEW
(SX-O)

MANUFACTURER:



GYRO TECH

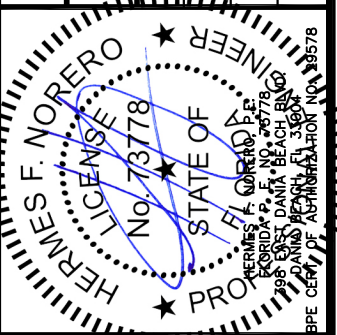
S82 W18717 GEMINI DRIVE
P.O. BOX 906 MUSKEGO,
WISCONSIN 53150
PHONE: (877) 622-2694
FAX: (262) 679-2505

TITLE:
SYSTEM GT 1175 AUTO. SLIDER
ELEVATIONS & ANCHOR LAYOUTS

PREPARED BY:
BUILDING DROPS, INC.
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REVISIONS

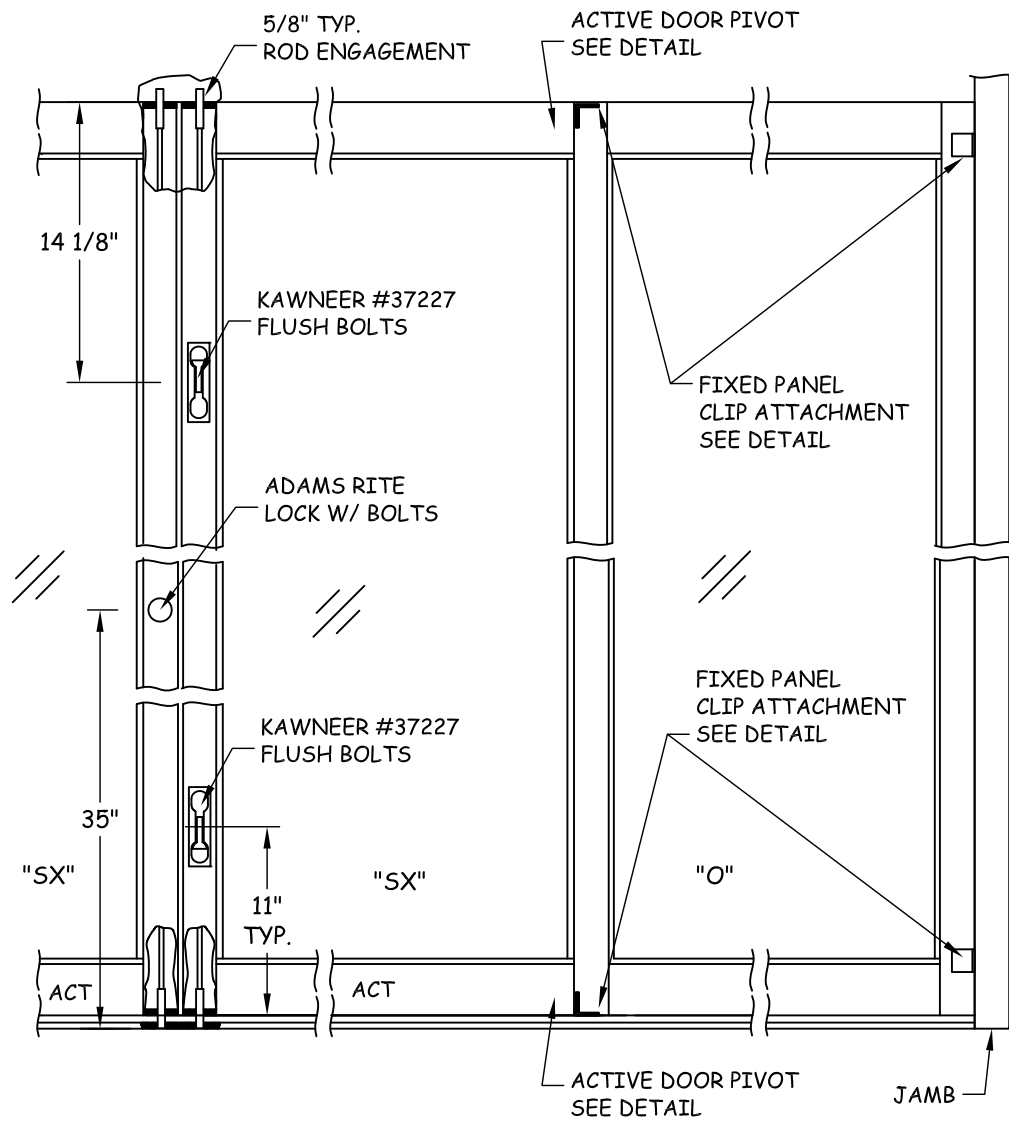
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CHK BY: HFN
SCALE: NTS

DWG #:
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SHEET: **3 OF 10**

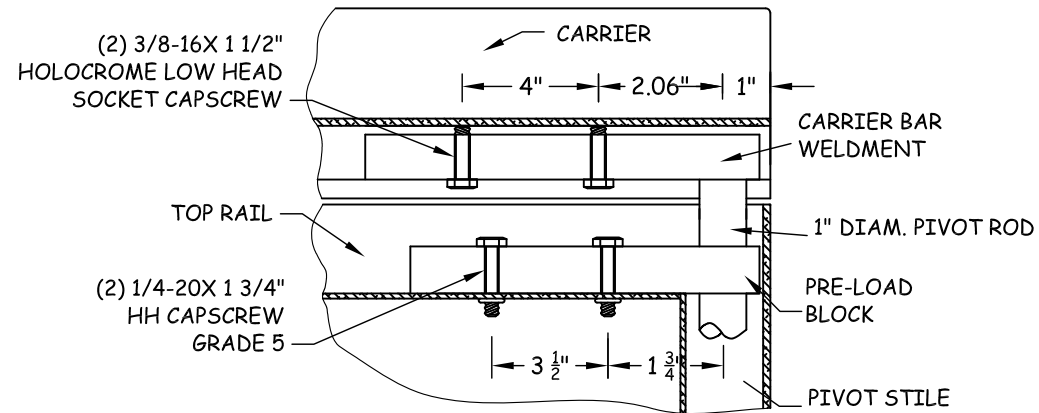
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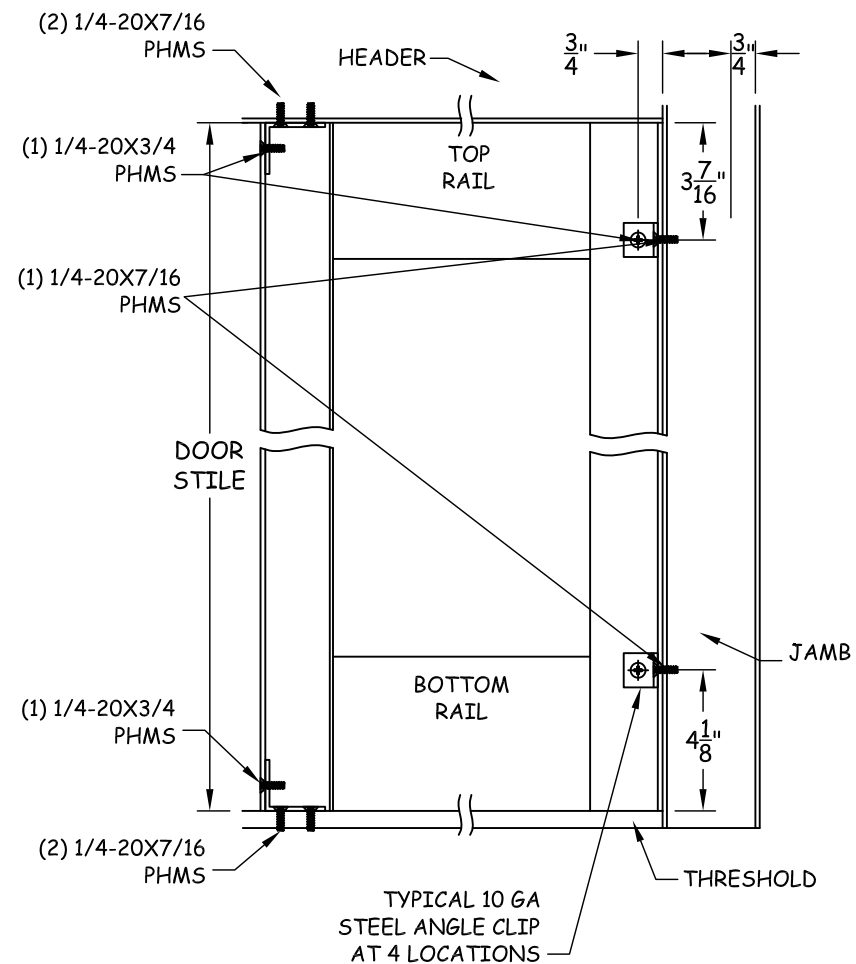
DOOR HARDWARE DETAIL

NOTE:

KAWNEER #37227 FLUSH BOLTS MAY BE SUBSTITUTED W/ADAM'S RITE 1870 CYLINDER ACTIVATED BOLTS, TOP & BOTTOM.



**TYPICAL DOOR PIVOT ON
ACTIVE DOOR (SX)**



FIXED PANEL CLIP ATTACHMENT

MANUFACTURER:

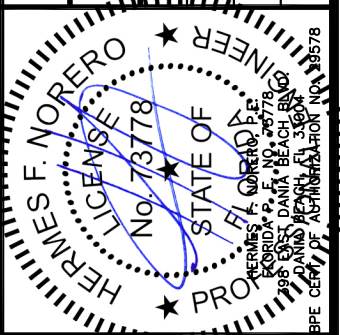


GYRO TECH

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P.O. BOX 906 MUSKEGO,
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PHONE: (877) 622-2694
FAX: (262) 679-2505

TITLE:	SYSTEM GT 1175 AUTO. SLIDER		DOOR HARDWARE DETAILS
PREPARED BY:	BUILDING DROPS, INC.		398 E. DANIA BEACH BLVD. #338 DANIA BEACH, FL 33004 (954) 399-8478 (954) 744-4738
			

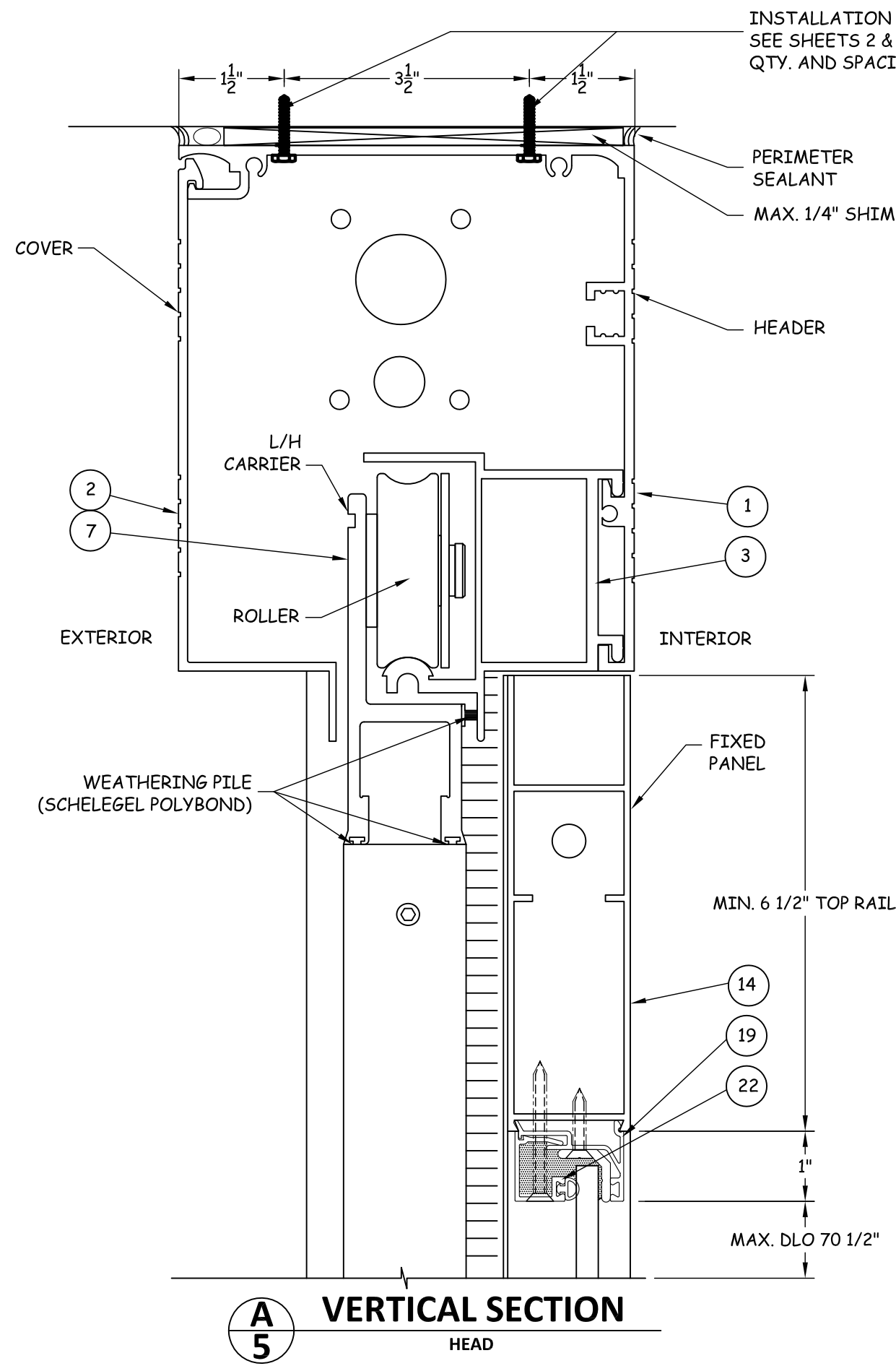
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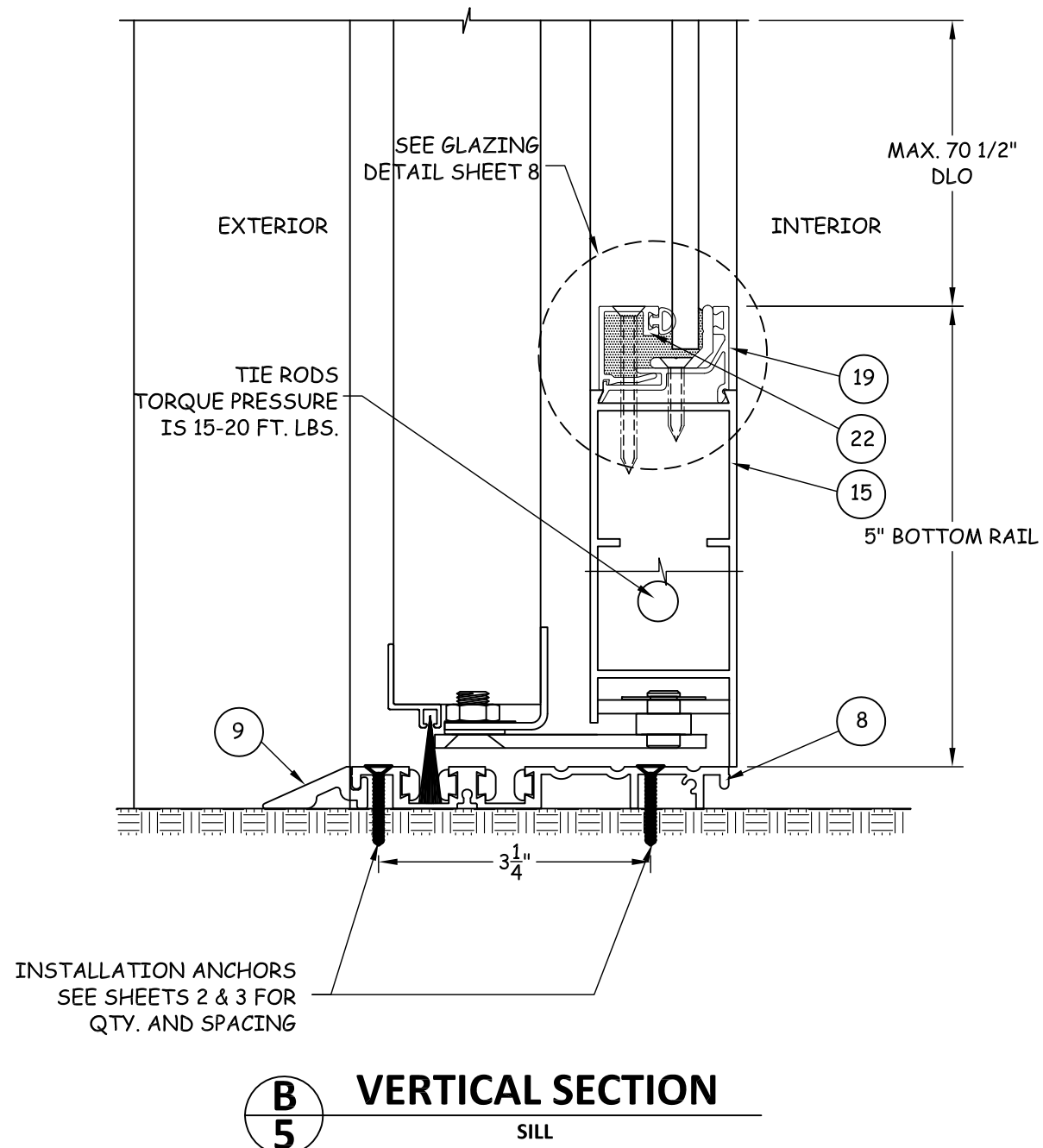
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A
5 VERTICAL SECTION
HEAD



B
5 VERTICAL SECTION
SILL

MANUFACTURER:
NABCO
GYRO TECH
S82 W18717 GEMINI DRIVE
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TITLE:
SYSTEM GT 1175 AUTO. SLIDER
VERTICAL SECTIONS (1)

PREPARED BY:
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(954) 744-4738

REVISIONS		NO.	DESCRIPTION	BY	DATE
A	5TH EDITION FBC REVISIONS	15		LS	9.28.15

HERMES F. NORERO
LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ARCHITECT
EXPIRATION DATE 06/30/16
FLORIDA REG. NO. 06778
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
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DATE: 11.30.12
DWN BY: MTJ
CHK BY: HFN
SCALE: NTS

DWG #:
NAB002
SHEET: **5 OF 10**

S82 W18717 GEMINI DRIVE
P.O. BOX 906 MUSKEGO,
WISCONSIN 53150
PHONE: (877) 622-2694
FAX: (262) 679-2505

PREPARED BY:

 BUILDING DROPS, INC.

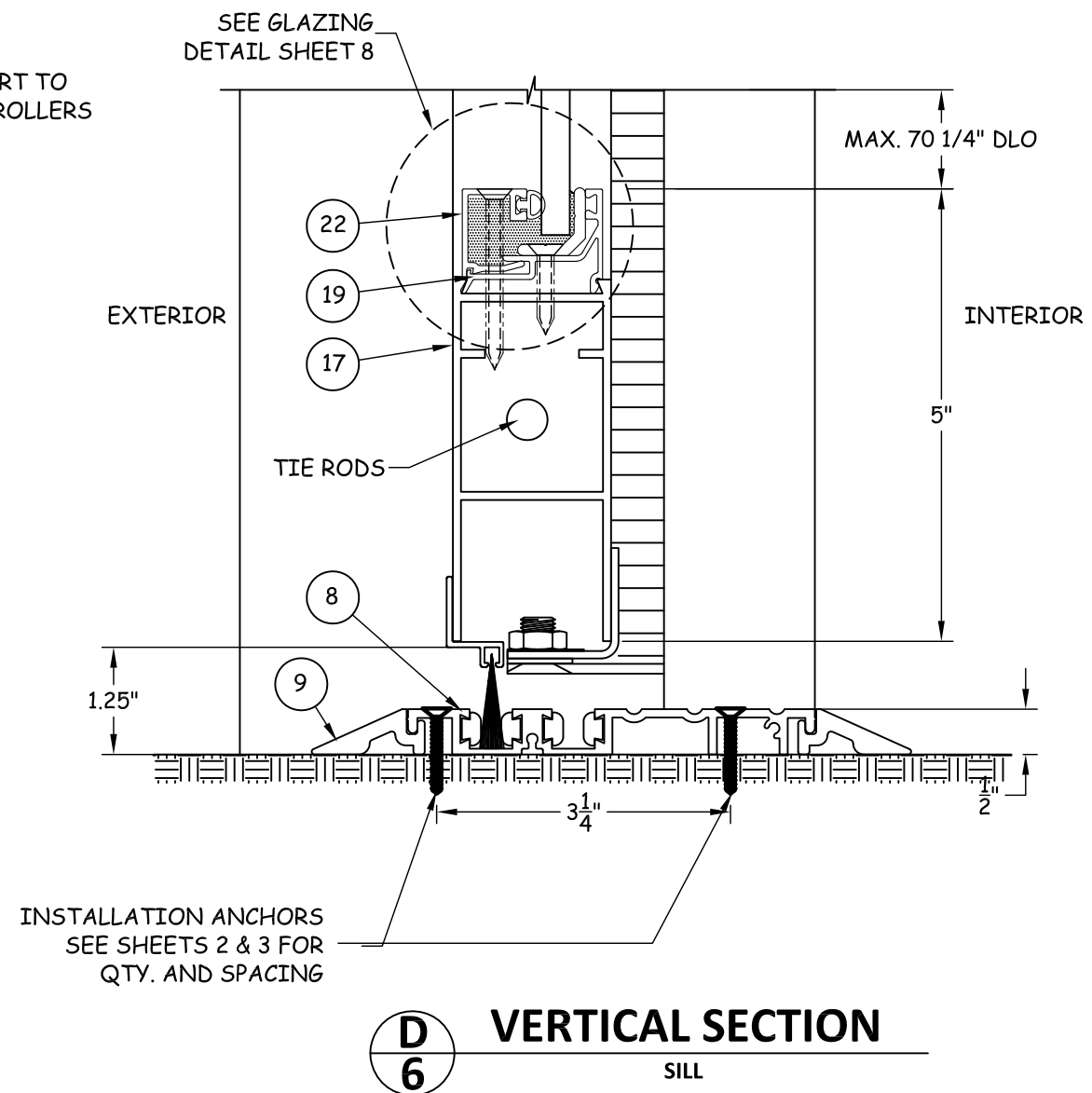
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
(954) 399-8478
(954) 744-4738

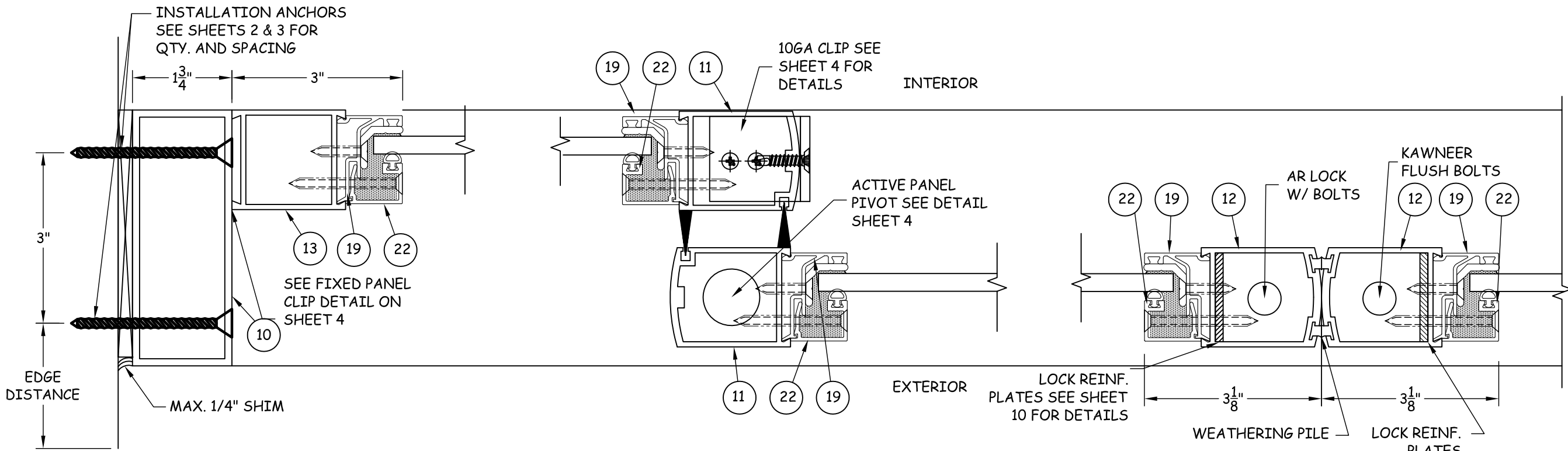
HERMES F. NORERO
PROFESSIONAL ENGINEER
FLORIDA
STATE OF
LICENSE
No. 73778

HERMES F. NORERO
P.E. NO. 73778
208 EAST DANIA BEACH BLVD.
DANIA BEACH, FL 33009
SPE CERT. OF AUTHORIZATION NO. 93578

DWG #:
NAB002

SHEET: **6 OF 10**

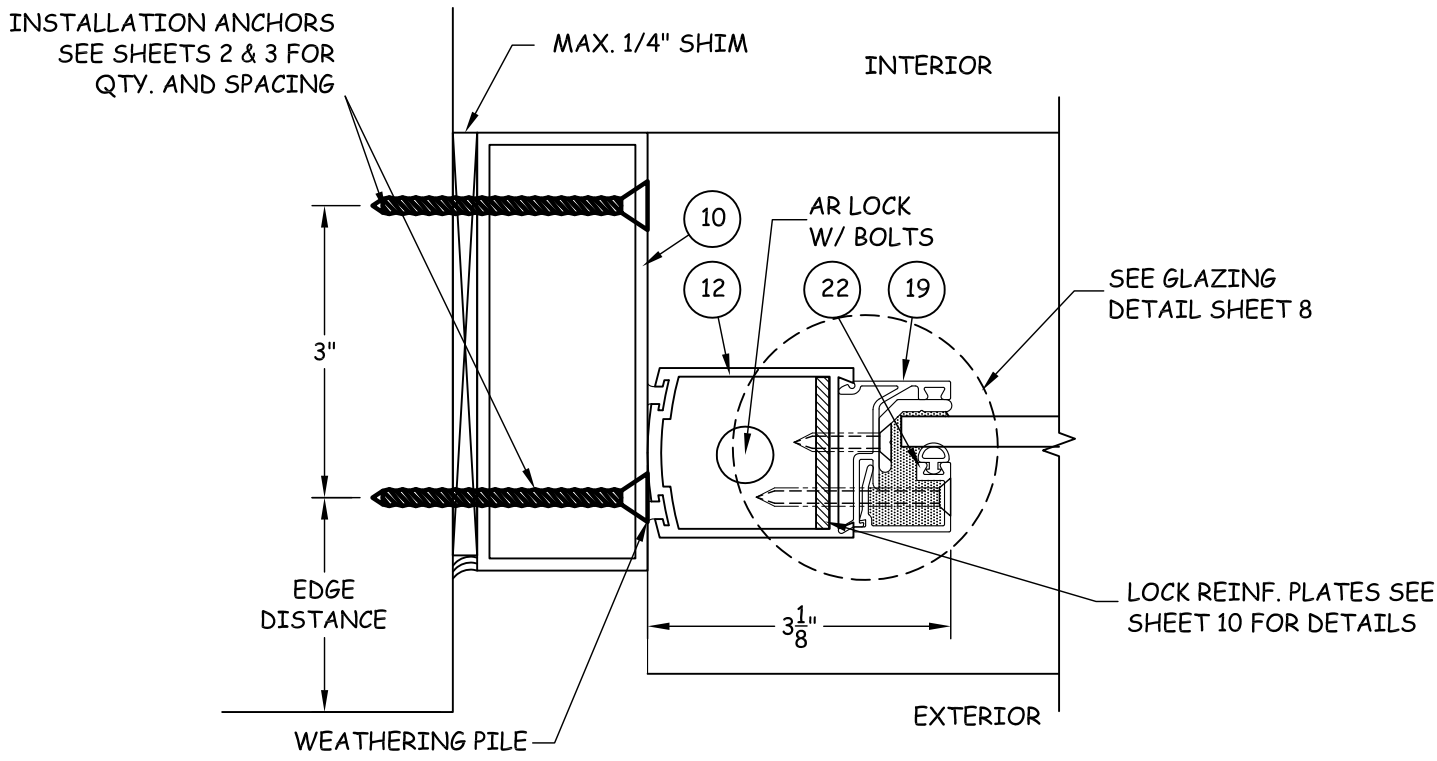




E HORIZONTAL SECTION
7 JAMB

F HORIZONTAL SECTION
7 PANEL INTERLOCK

G HORIZONTAL SECTION
7 PANEL BUTT STILE



H HORIZONTAL SECTION
7 JAMB

MANUFACTURER:

NABCO

GYRO TECH
S82 W18717 GEMINI DRIVE
P.O. BOX 906 MUSKEGO,
WISCONSIN 53150
PHONE: (877) 622-2694
FAX: (262) 679-2505

TITLE:

SYSTEM GT 1175 AUTO. SLIDER

HORIZONTAL SECTIONS

PREPARED BY:

BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
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(954) 399-8478 (954) 744-4738

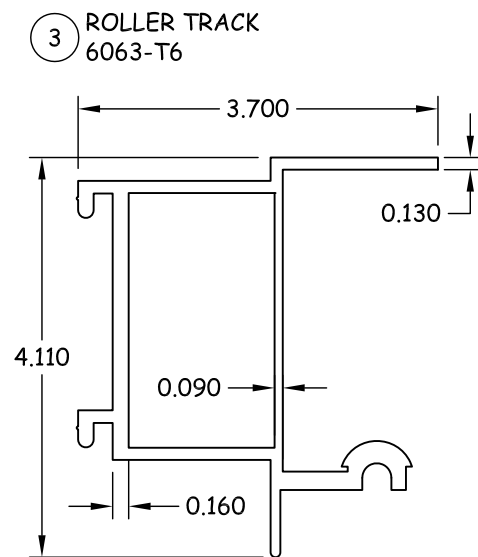
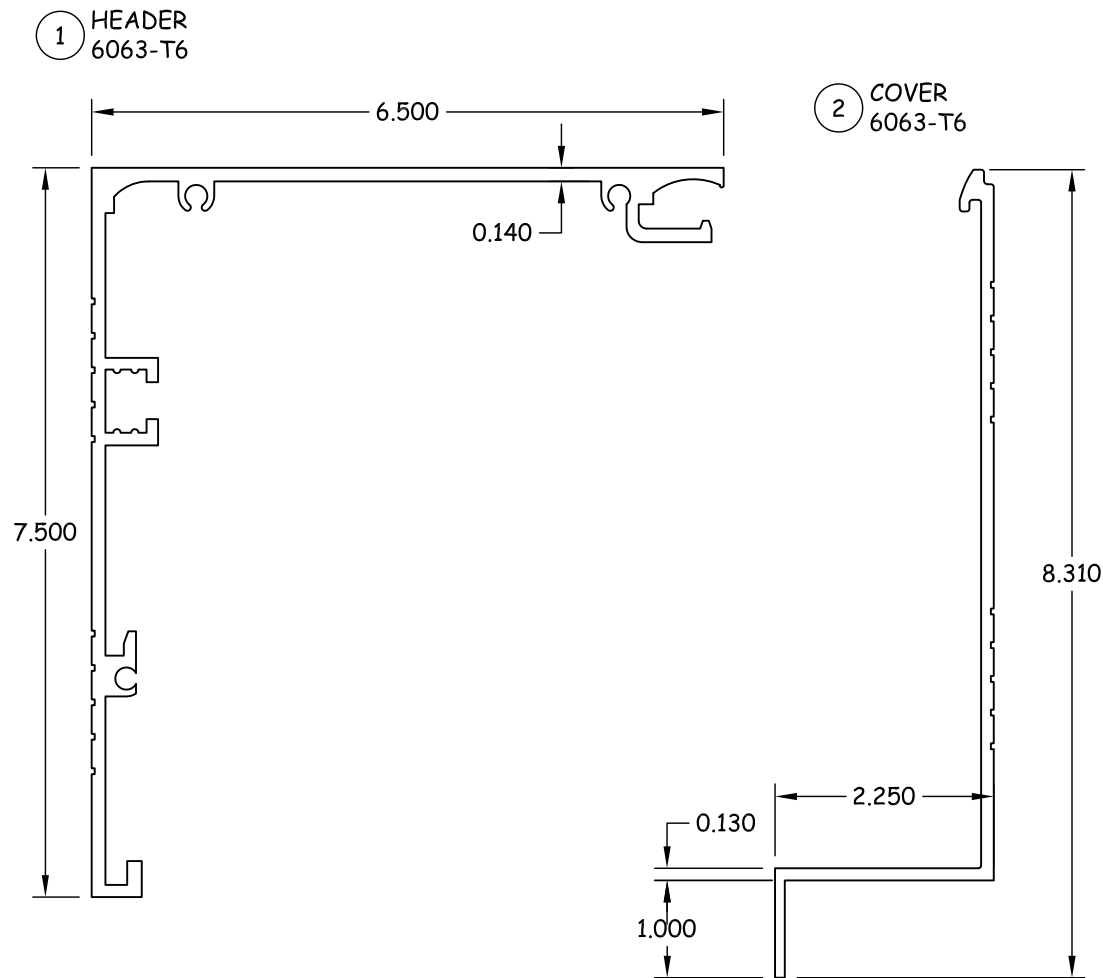
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SCALE: NTS

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SHEET: **7** OF **10**

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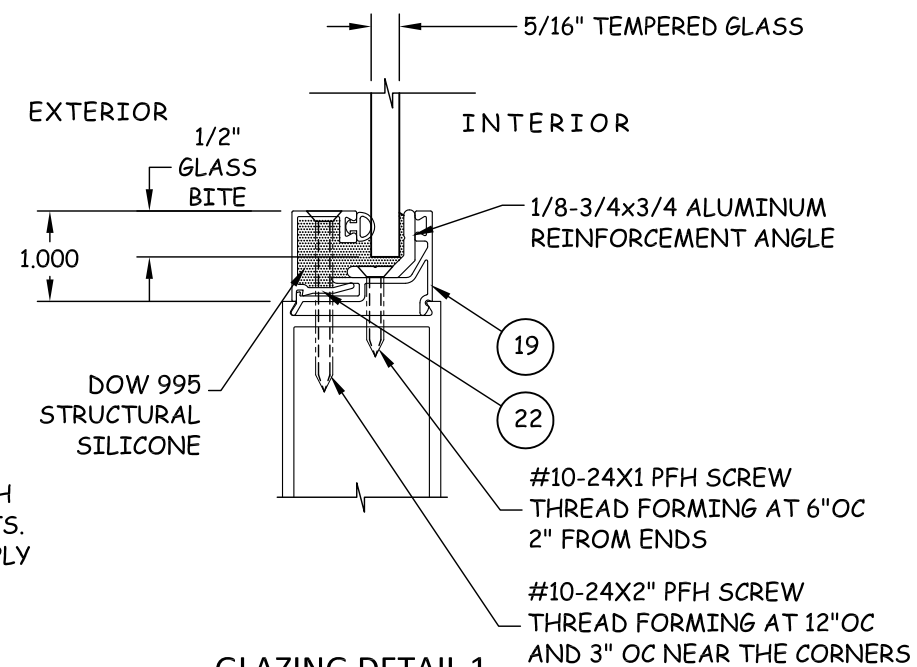


NOTE:

- GLASS THICKNESS AND TYPE COMPLIES WITH ASTM E 1300-04 GLASS CHART REQUIREMENTS.
- ALL GLAZING CONFIGURATIONS SHALL COMPLY WITH SAFETY GLAZING REQUIREMENTS OUTLINED IN FBC SECTION 2406.
- PANEL "O" MAX. DLO = $43 \frac{1}{8}$ " x $70 \frac{1}{2}$ "
PANEL "SX" MAX. DLO = 41 " x $70 \frac{1}{4}$ "

BILL OF MATERIALS

ITEM NO.	DESCRIPTION	MATERIAL	NABCO PART NO.	MANUFACTURER
1	HEADER	6063-T6	249009	W.L. BONNEL CO.
2	COVER	6063-T6	249011	W.L. BONNEL CO.
3	ROLLER TRACK	6063-T6	249010	W.L. BONNEL CO.
4	4" PIVOT STILE	6063-T6	1413288	W.L. BONNEL CO.
5	4" STILE	6063-T6	1413289	W.L. BONNEL CO.
6	4" FIXED VERTICAL STILE	6063-T6	240328	W.L. BONNEL CO.
7	DOOR CARRIER	6063-T6	149014	W.L. BONNEL CO.
8	THRESHOLD	6005-T5	149016	W.L. BONNEL CO.
9	THRESHOLD RAMP	6005-T5	149017	W.L. BONNEL CO.
10	JAMB EXTENSION	6063-T5	242497	W.L. BONNEL CO.
11	2.13" PIVOT STILE	6063-T6	149086	W.L. BONNEL CO.
12	2.13" STILE	6063-T6	148922	W.L. BONNEL CO.
13	FIXED VERTICAL STILE	6063-T6	149501	W.L. BONNEL CO.
14	TOP RAIL-SIDELITE	6063-T6	149088	W.L. BONNEL CO.
15	BOTTOM RAIL-SIDELITE	6063-T6	149087	W.L. BONNEL CO.
16	TOP RAIL DOOR	6063-T6	149359	W.L. BONNEL CO.
17	BOTTOM RAIL DOOR	6063-T6	149085	W.L. BONNEL CO.
18	-	-	-	W.L. BONNEL CO.
19	GLASS STOP BASE	6063-T5	142336	W.L. BONNEL CO.
20	ONE-PIECE HEADER	6063-T5	2413163	W.L. BONNEL CO.
21	ANTI-RISE SUPPORT	6063-T5	1413290	W.L. BONNEL CO.
22	GLASS STOP CHANNEL	6063-T5	142743	W.L. BONNEL CO.



GLAZING DETAIL 1

MANUFACTURER:



GYRO TECH

S82 W18717 GEMINI DRIVE
P.O. BOX 906 MUSKEGO,
WISCONSIN 53150
PHONE: (877) 622-2694
FAX: (262) 679-2505

TITLE:

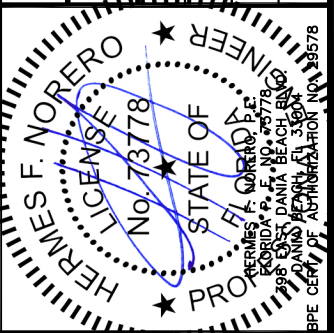
SYSTEM GT 1175 AUTO SLIDER
B.O.M. COMPONENTS & GLAZING
DETAIL

PREPARED BY:

BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
(954) 399-8478

REVISIONS

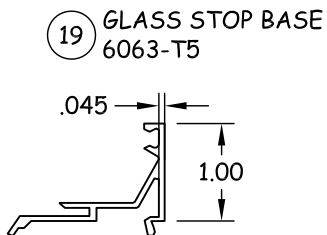
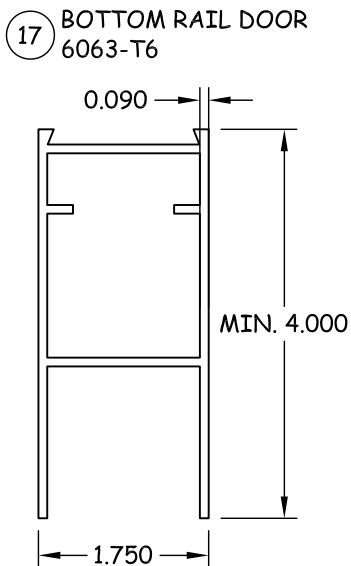
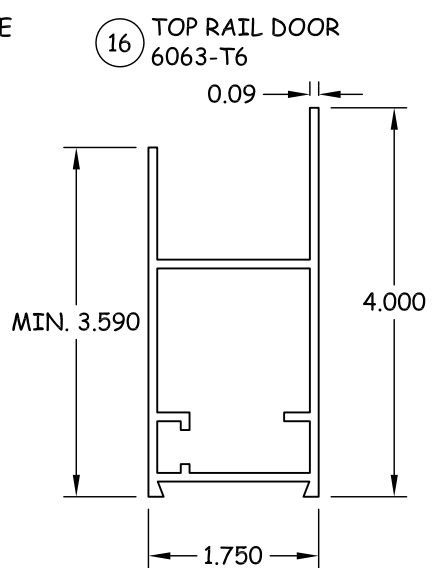
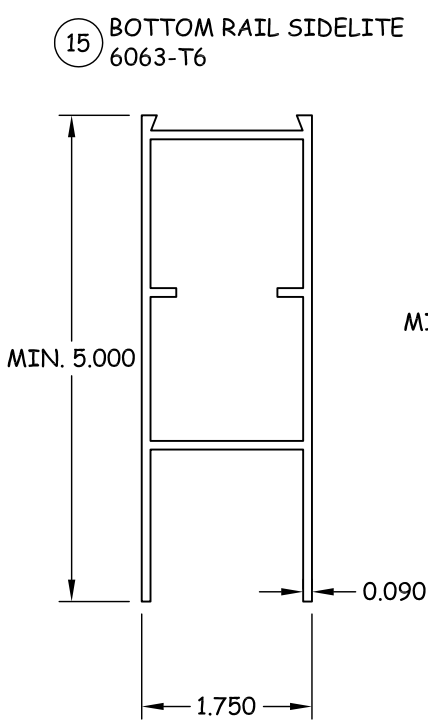
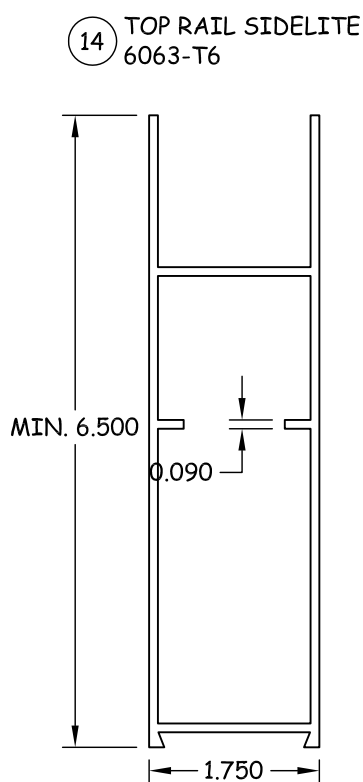
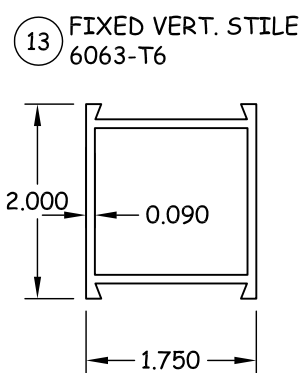
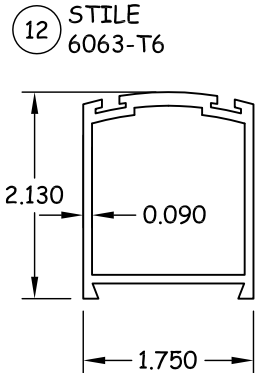
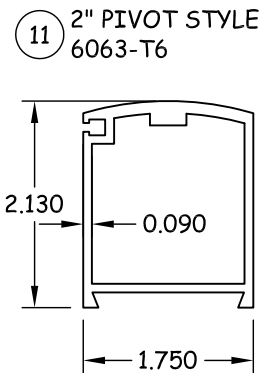
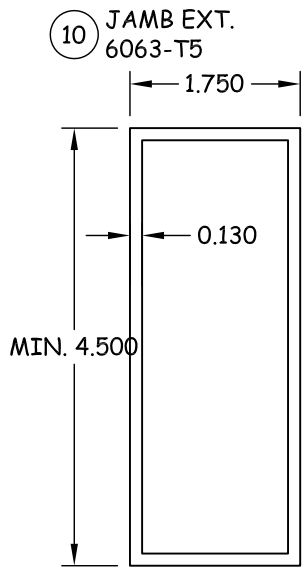
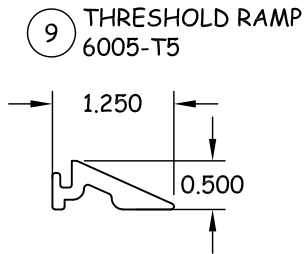
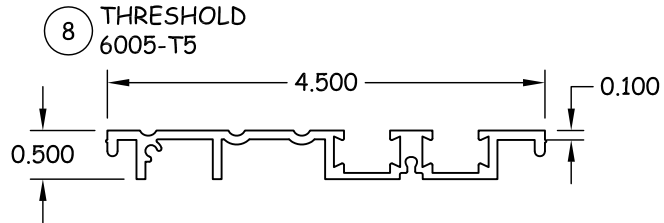
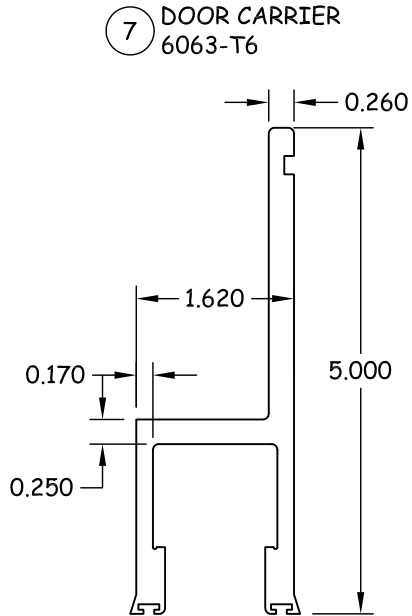
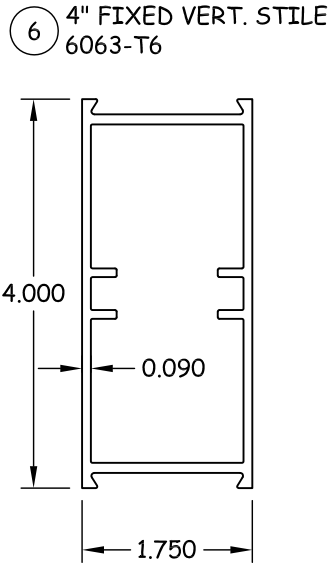
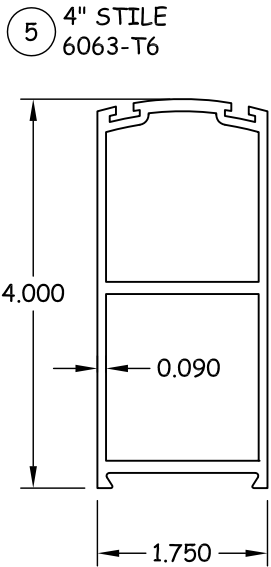
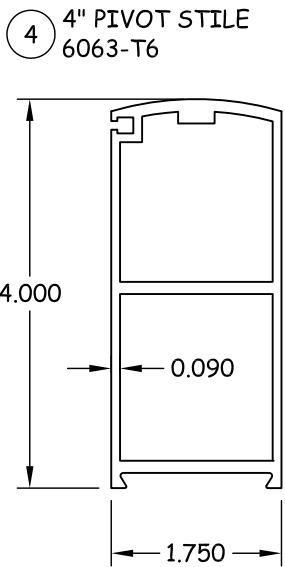
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A	5TH EDITION FBC REVISIONS	LS	9.28.15



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DWG #:
NAB002
SHEET: **8 OF 10**

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MANUFACTURER:



GYRO TECH

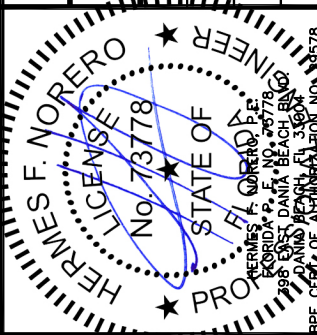
S82 W18717 GEMINI DRIVE
P.O. BOX 906 MUSKEGO,
WISCONSIN 53150
PHONE: (877) 622-2694
FAX: (262) 679-2505

TITLE:
SYSTEM GT 1175 AUTO. SLIDER
COMPONENTS (1)

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
(954) 399-8478 (954) 744-4738

REVISIONS

NO.	DESCRIPTION	BY	DATE
A	5TH EDITION FBC REVISIONS	LS	9.28.15



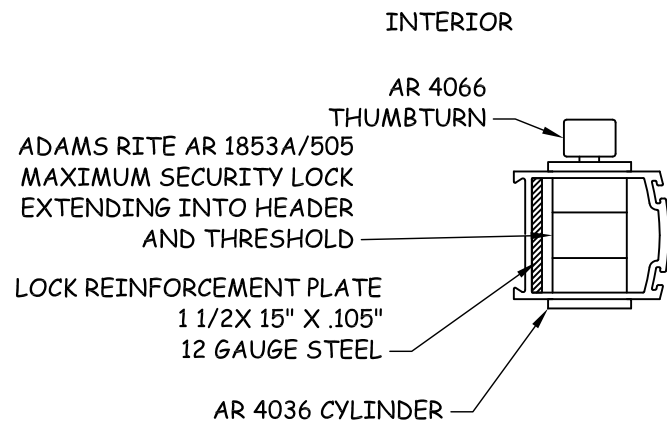
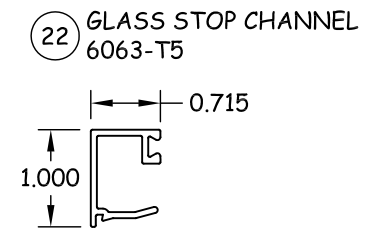
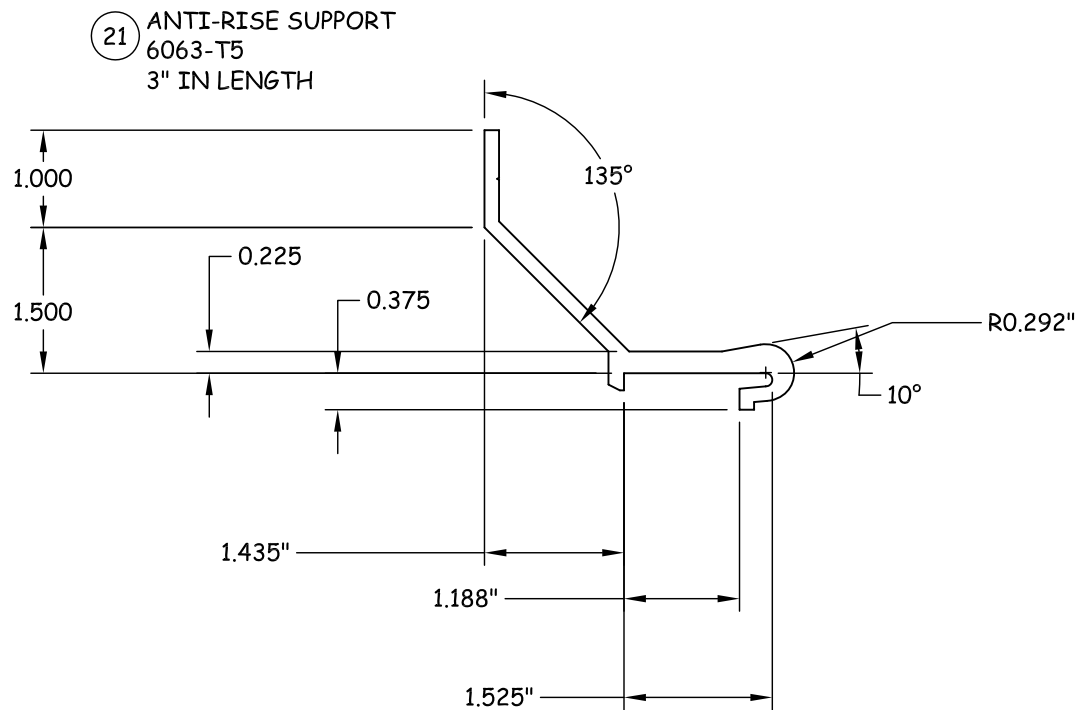
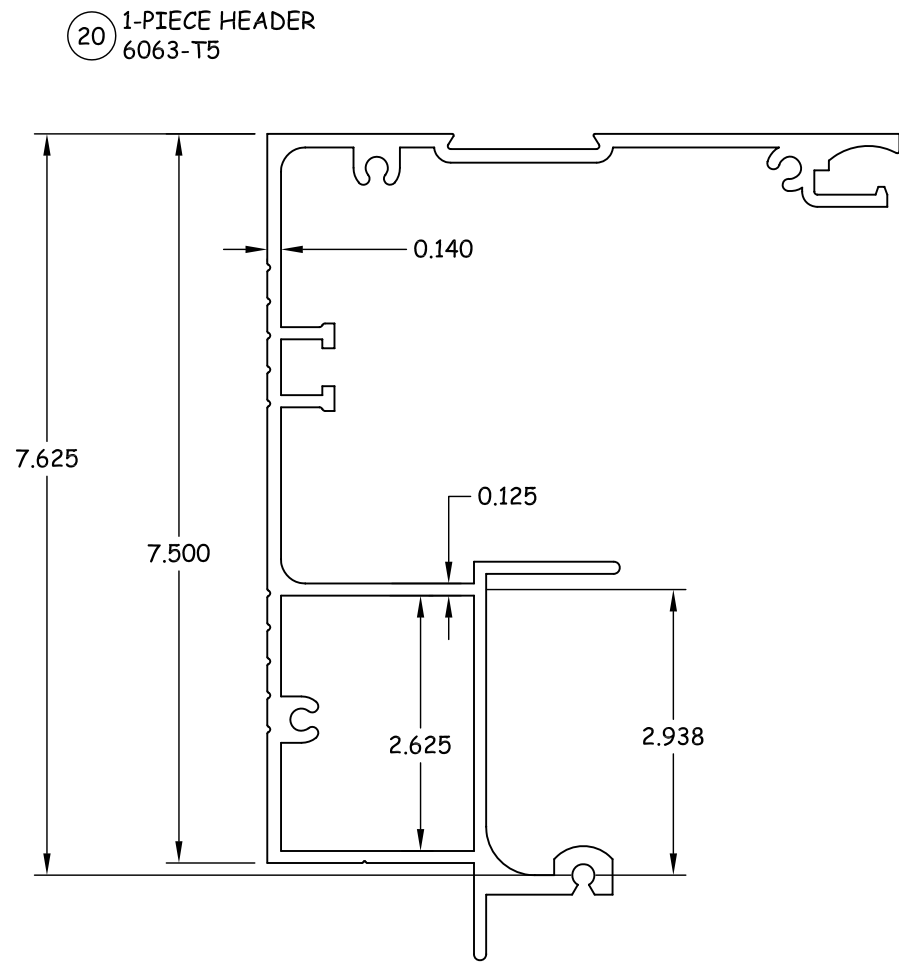
DATE: 11.30.12	DWN BY: MTJ	CHK BY: HFN	SCALE: NTS
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DWG #:

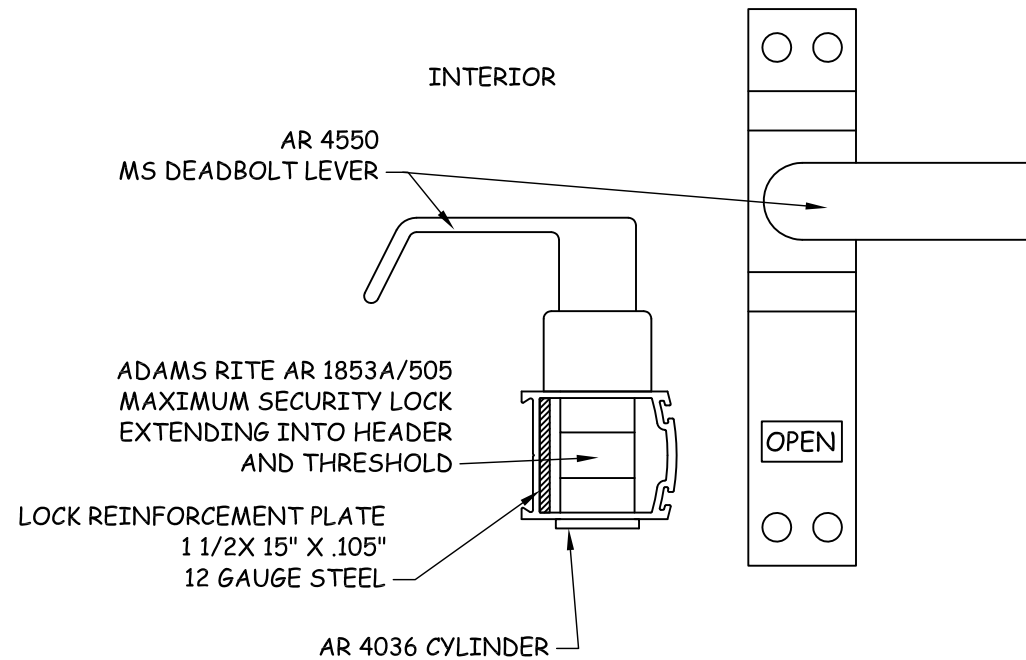
NAB002

SHEET: 9 OF 10

s:\projects\nabco entrances\fb-15-0825 fl16167 automatic aluminum sliding doors\dwgs\fl16167.2 (gt 1175 in fixed)\nab002.dwg 10:16 AM



STANDARD LOCK DETAIL



ALTERNATE LOCK DETAIL

MANUFACTURER:



GYRO TECH

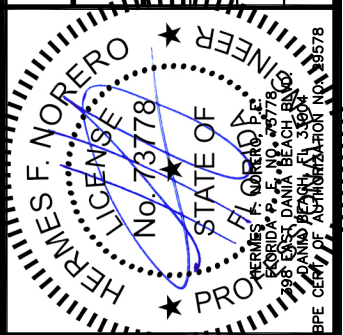
S82 W18717 GEMINI DRIVE
P.O. BOX 906 MUSKEGO,
WISCONSIN 53150
PHONE: (877) 622-2694
FAX: (262) 679-2505

TITLE:
SYSTEM GT 1175 AUTO. SLIDER
COMPONENTS (2)

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
(954) 399-8478 (954) 744-4738

REVISIONS

NO.	DESCRIPTION	BY	DATE
A	5TH EDITION FBC REVISIONS	LS	9.28.15



DATE: 11.30.12	DWN BY: MTJ	CHK BY: HFN	SCALE: NTS
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DWG #:
NAB002
SHEET: **10 OF 10**