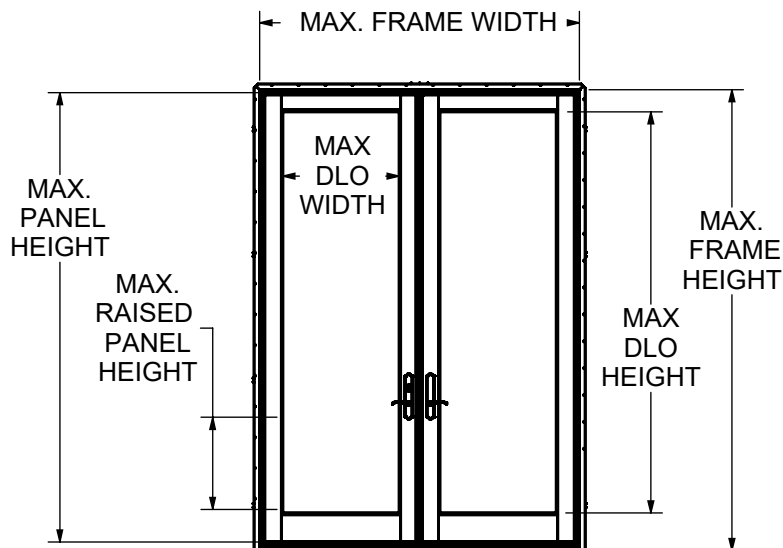
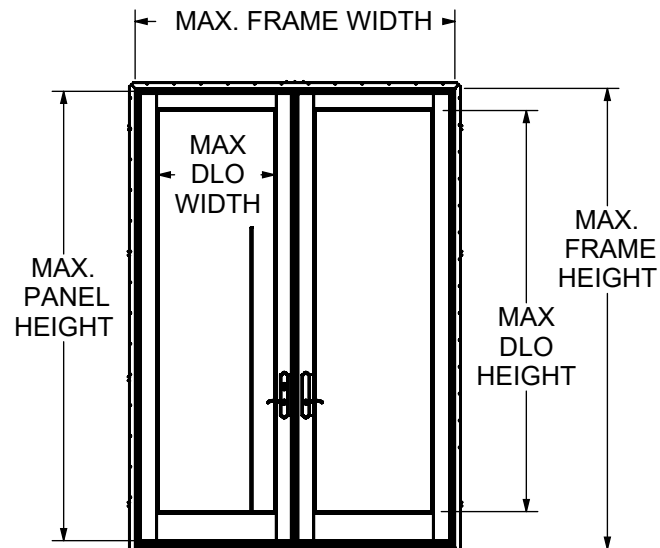




1507 INSWING
SIDE-HINGE
IMPACT



DESCRIPTION	# OF PANELS	FRAME SIZE		DAYLIGHT OPENING		DESIGN PRESSURE (psf)	FRAME MATERIAL
		WIDTH (IN.)	HEIGHT (IN.)	WIDTH (IN.)	HEIGHT (IN.)		
1507 INSWING SIDE-HINGE; STD SILL (IMPACT)	2 PANEL	83.25	120.03	30.281	104.44	+55/- 70	WOOD, ALUMINUM
1507 INSWING SIDE-HINGE ADA SILL (IMPACT)	2 PANEL	83.25	118.53	30.281	104.44	+55/- 70	WOOD, ALUMINUM

NOTE(S):

1. INSTALLATION QUALIFIES SINGLE AND TWO PANEL CONFIGURATIONS.
2. THESE UNITS HAVE BEEN TESTED, ANALYZED, HALLMARK CERTIFIED AND FBC APPROVED.
3. THE PRODUCT HAS BEEN EVALUATED TO THE FOLLOWING.
 1. AAMA/WDMA/CSA 101/I.S.2/A440-17
 2. AAMA/WDMA/CSA 101/I.S.2/A440-22
4. THIS SCHEDULE ADDRESSES ONLY THE FASTENERS REQUIRED TO ANCHOR THE DOOR(S) TO ACHIEVE THE RATED DESIGN PRESSURE. THOROUGHLY READ AND FOLLOW MANUFACTURERS INSTALLATION INSTRUCTIONS RECEIVED WITH UNIT. THIS GUIDE DOES NOT ADDRESS THE SEALING CONSIDERATIONS THAT MAY ARISE IN DIFFERENT WALL CONDITIONS
5. FASTENERS, ANCHORS, AND CONNECTORS SHALL COMPLY WITH THE CORROSION RESISTANCE REQUIREMENTS OF THE 2026 FLORIDA BUILDING CODE, SECTION 1711, BASED ON EXPOSURE CONDITIONS AND PROXIMITY TO A SALTWATER SHORELINE AND NOT ALL THE ONES SHOWN HERE NECESSARILY APPLY.

TOLERANCES UNLESS SPECIFIED:	
INCHES	ANGLE
.X ± .1"	XX ± 1°
.XX ± .03"	XX.X ± .5° (1/2°)
.XXX ± .015"	XX.XX ± .25° (1/4°)

PRODUCTS:
1507

DRAWN BY:
MR

DATE:
05/08/2020

TITLE:
INSTALLATION INSTRUCTIONS

DWG NO.:
45-25430

REV
A

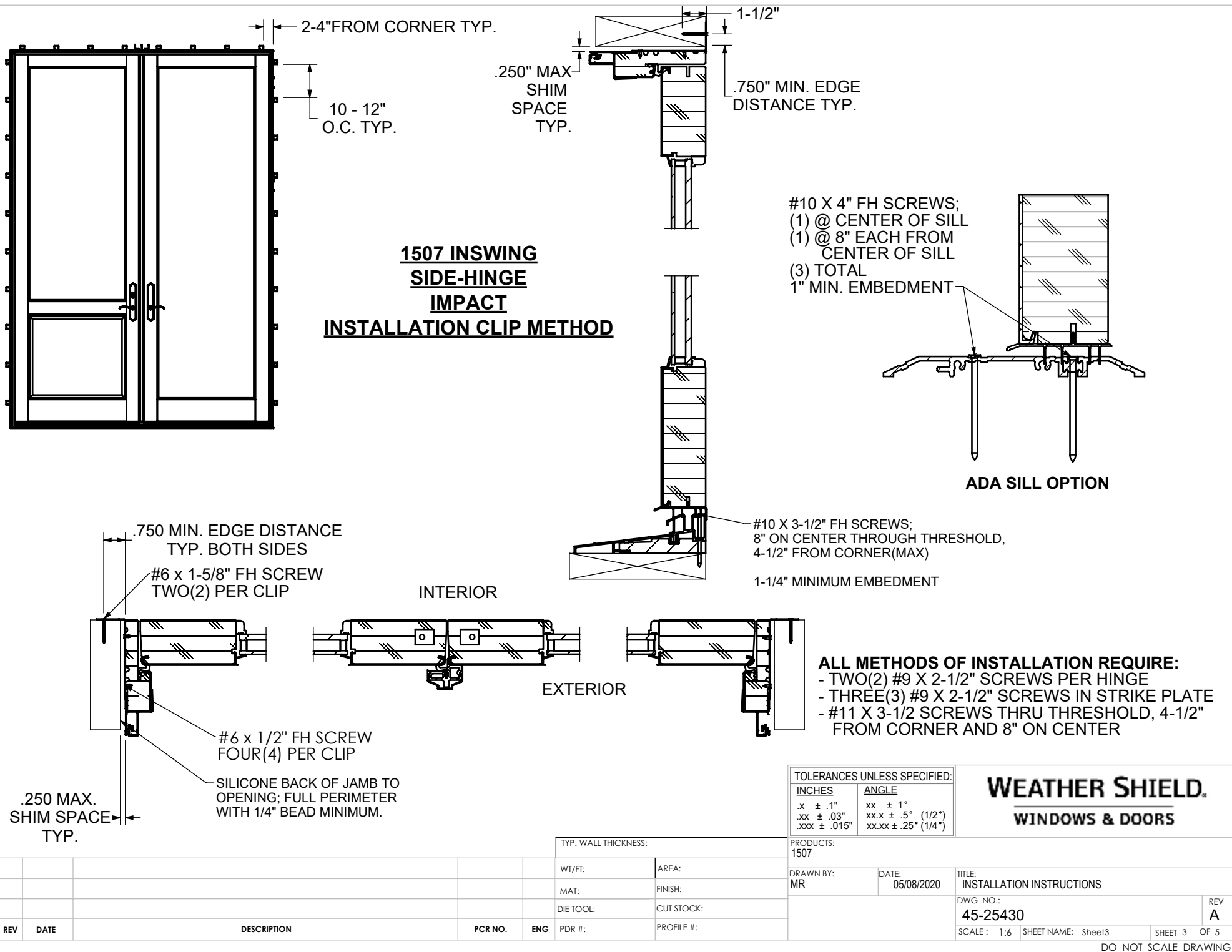
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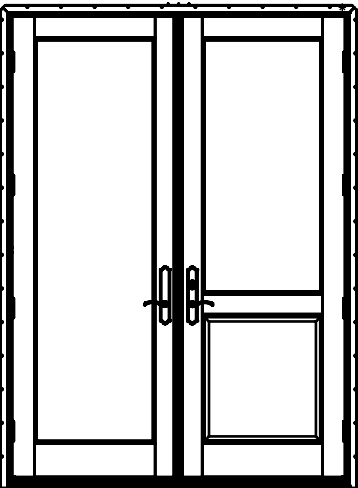
SHEET 1 OF 5

DO NOT SCALE DRAWING

					TYP. WALL THICKNESS:
					WT/FT:
					AREA:
					MAT:
					FINISH:
REV	DATE	DESCRIPTION	PCR NO.	ENG	PDR #:
					PROFILE #:

WEATHER SHIELD®
WINDOWS & DOORS



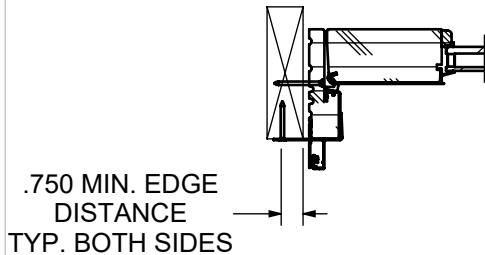
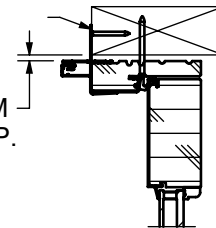


8 - 10" O.C. TYP

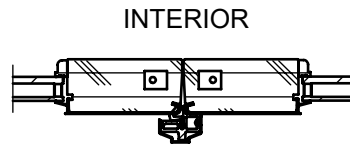
**1507 INSWING
SIDE-HINGE
IMPACT
NAILING FIN METHOD**

SECURE TO BUCK WITH
#6 X 1-5/8" NON-CORROSIVE SCREW MIN.
8" TO 10" ON CENTER THROUGH NAILING
FIN AROUND THE UNIT ENTIRE PERIMETER
TYP.
MINIMUM 1-3/8" EMBEDMENT.
SEALED WITH SILICONE SEALANT

.250
MAX. SHIM
SPACE TYP.



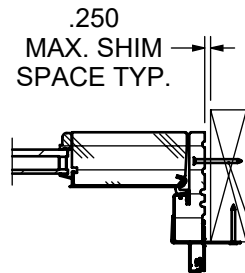
.750 MIN. EDGE
DISTANCE
TYP. BOTH SIDES



INTERIOR

EXTERIOR

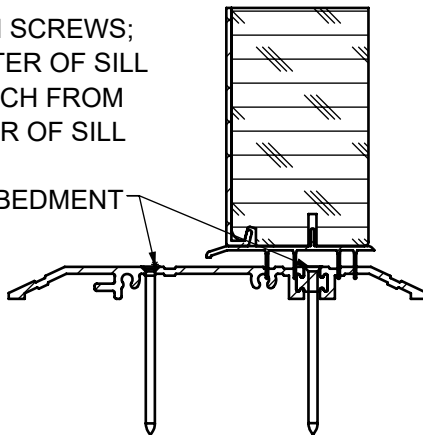
SECTION C-C



.250
MAX. SHIM
SPACE TYP.

(2) #9 X 2-1/2" FH
SCREW MIN. PER HINGE
MINIMUM 1-1/4" EMBEDMENT

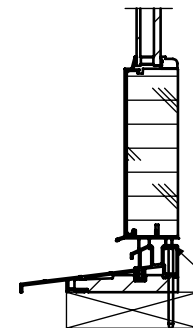
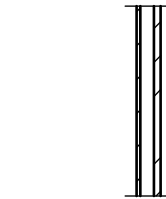
#10 X 4" FH SCREWS;
(1) @ CENTER OF SILL
(1) @ 8" EACH FROM
CENTER OF SILL
(3) TOTAL
1" MIN. EMBEDMENT



ADA SILL OPTION

ALL METHODS OF INSTALLATION REQUIRE:

- TWO(2) #9 X 2-1/2" SCREWS PER HINGE
- THREE(3) #9 X 2-1/2" SCREWS IN STRIKE PLATE
- #11 X 3-1/2 SCREWS THRU THRESHOLD, 4-1/2" FROM CORNER AND 8" ON CENTER



#10 X 3-1/2" FH SCREWS;
8" ON CENTER THROUGH
THRESHOLD,
4-1/2" FROM CORNER(MAX)

1-1/4" MINIMUM EMBEDMENT

TOLERANCES UNLESS SPECIFIED:	
INCHES	ANGLE
.X ± .1"	XX ± 1°
.XX ± .03"	XX.X ± .5° (1/2°)
.XXX ± .015"	XX.XX ± .25° (1/4°)

WEATHER SHIELD.
WINDOWS & DOORS

TYP. WALL THICKNESS:

PRODUCTS:
1507

WT/FT:

AREA:

DRAWN BY:
MR

DATE:
05/08/2020

TITLE:
INSTALLATION INSTRUCTIONS

MAT:

FINISH:

DIE TOOL:

CUT STOCK:

DWG NO.:
45-25430

REV
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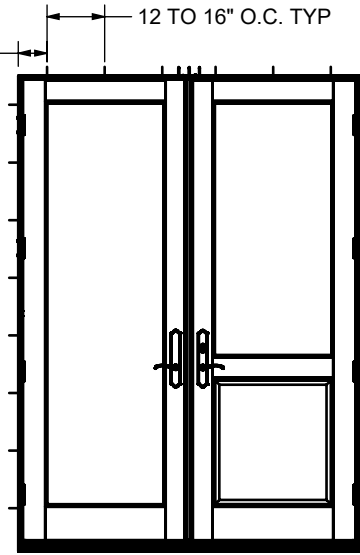
REV	DATE	DESCRIPTION	PCR NO.	ENG	PDR #:	PROFILE #:	SCALE: 1:8	SHEET NAME: Sheet4	SHEET 4 OF 5
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DO NOT SCALE DRAWING

1507 INSWING SIDE-JAM IMPACT THROUGH JAMB METHOD

2-4"
FROM
CORNER
TYP

12 TO 16" O.C. TYP

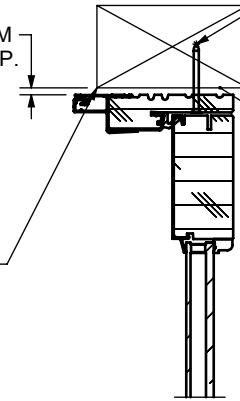


SILICONE BACK OF JAMB
TO OPENING; FULL PERIMETER
WITH 1/4" BEAD MINIMUM.

.250
MAX. SHIM
SPACE TYP.

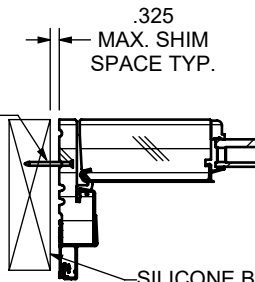
#8 X 2-1/2" SCREWS MIN.;
2-4" FROM CORNERS,
12"-16" ON CENTER,
1-1/4" MIN. EMBEDMENT

WOOD SHIMS
PLACED 6" - 10" ON
C AND AT EVERY
SCREW LOCATION

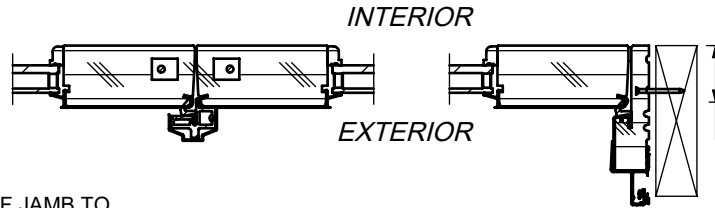


#8 X 2-1/2" SCREWS MIN.;
2-4" FROM CORNERS,
12"-16" ON CENTER,
1-1/4" MIN. EMBEDMENT

.325
MAX. SHIM
SPACE TYP.



SILICONE BACK OF JAMB TO
OPENING; FULL PERIMETER
WITH 1/4" BEAD MINIMUM.

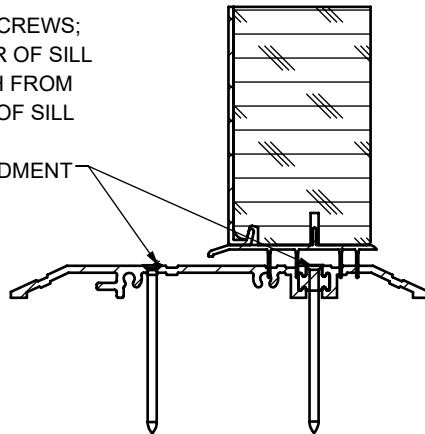


INTERIOR

EXTERIOR

.750 MIN.
EDGE DISTANCE
TYP. BOTH SIDES

#10 X 4" FH SCREWS;
(1) @ CENTER OF SILL
(1) @ 8" EACH FROM
CENTER OF SILL
(3) TOTAL
1" MIN. EMBEDMENT

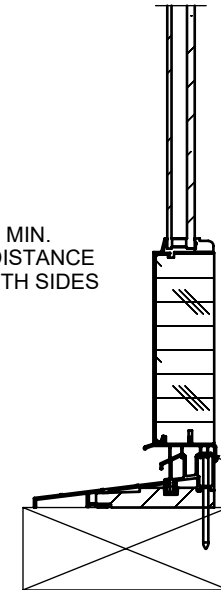


ALL METHODS OF INSTALLATION REQUIRE:
- TWO(2) #9 X 2-1/2" SCREWS PER HINGE
- THREE(3) #9 X 2-1/2" SCREWS IN STRIKE PLATE
- #11 X 3-1/2 SCREWS THRU THRESHOLD, 4-1/2"
FROM CORNER AND 8" ON CENTER

ADA SILL OPTION

#10 X 3-1/2" FH SCREWS;
8" ON CENTER THROUGH
THRESHOLD, 4-1/2" FROM
CORNER(MAX)

1-1/4" MINIMUM EMBEDMENT



TOLERANCES UNLESS SPECIFIED:	
INCHES	ANGLE
.x ± .1"	xx ± 1°
.xx ± .03"	xx.x ± .5° (1/2°)
.xxx ± .015"	xx.xx ± .25° (1/4°)

WEATHER SHIELD®
WINDOWS & DOORS

TYP. WALL THICKNESS:

PRODUCTS:
1507

WT/FT: AREA:
MAT: FINISH:
DIE TOOL: CUT STOCK:
PDR #: PROFILE #:

DRAWN BY:
MR

DATE:
05/08/2020

TITLE:
INSTALLATION INSTRUCTIONS

DWG NO.:
45-25430

REV
A

SCALE: 1:50 SHEET NAME: Sheet5

SHEET 5 OF 5

DO NOT SCALE DRAWING

REV	DATE	DESCRIPTION	PCR NO.	ENG