SINGLE HUNG - NON-IMPACT

(SHOWN w/DIFFERENT OPTIONS)

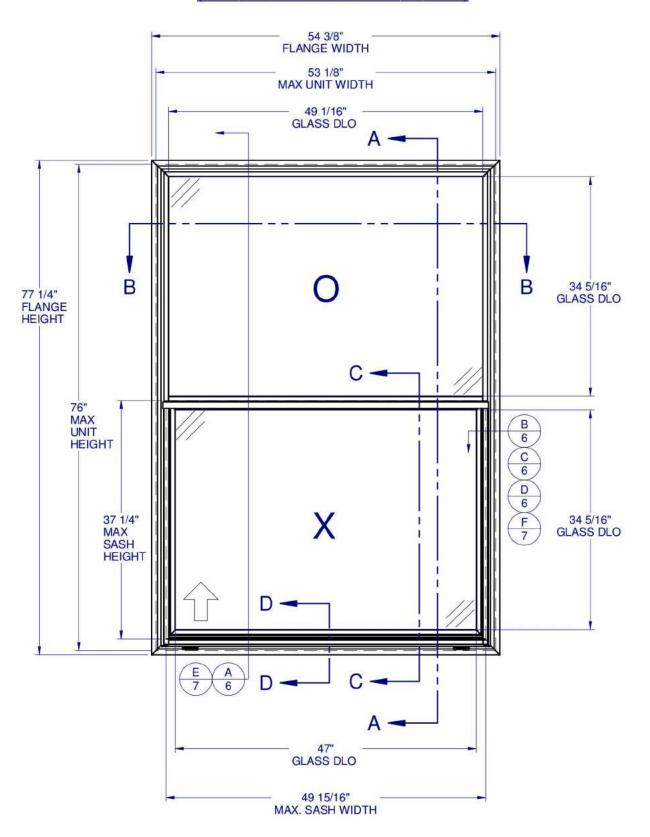


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GLAZING DETAILS2
SECTION VIEWS3
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MAX. UNIT	DESIGN PRESSURE	IMPACT
SIZE	RATING	RATING
53-1/8" x 76"	+/- 35 PSF	NONE

GENERAL NOTES:

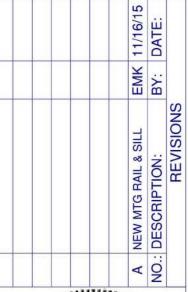
- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE FLORIDA BUILDING CODE (FBC), CURRENT EDITION.
- 2. GLAZING OPTIONS: (SEE SHEET 2)
- 3. CONFIGURATIONS: "O/X".
- 4. DESIGN PRESSURE RATING:
 -NEGATIVE DESIGN LOADS BASED ON, TESTED PRESSURE AND GLASS TABLES ASTM E-1300-04.
 -POSITIVE DESIGN LOADS BASED ON, TESTED PRESSURE, WATER INFILTRATION TEST PRESSURE AND GLASS TABLES ASTM E-1300-04.
- ANCHORAGE: THE 33 1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. SEE SHEETS 6-7 FOR ANCHOR DETAILS. WINDLOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
- NOT APPROVED FOR IMPACT RESISTANCE. IMPACT PROTECTIVE SYSTEM IS REQUIRED IN WIND BORNE DEBRIS REGION.
- 7. ALL FRAMES AND VENTS FULLY WELDED. SMALL JOINT SEAM SEALANT USED AT FIXED MEETING RAIL AND JAMB.
- 8. SERIES / MODEL DESIGNATION SH-610.
- 9. THE DESIGNATION X AND O STAND FOR THE FOLLOWING: X = OPERABLE SASH, O = FIXED SASH
- 10. SECTION CALLOUTS APPLY TO ALL ELEVATIONS IN A SIMILAR LOCATION.
- 11. EXTERNAL WEEP SLOT = 1/4 x 1-1/2" LOCATED 5" FROM BOTH ENDS.

Lucas A. Turner 2016-01-11 15:48-05:00



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610 PVC SINGLE HUNG NON-IMPACT





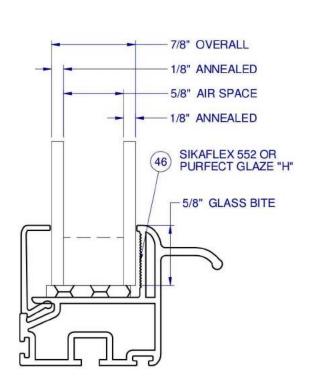
LUCAS A. TURNER, P.E. FL PE # 58201 1239 JABARA AVE. NORTH PORT, FL 34288 PH. 941-380-1574

1/11/2015

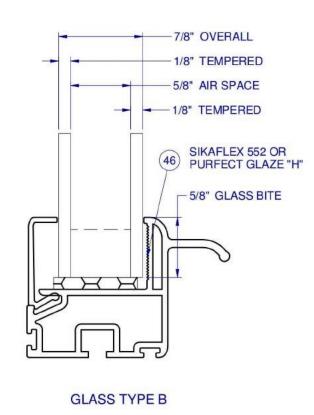
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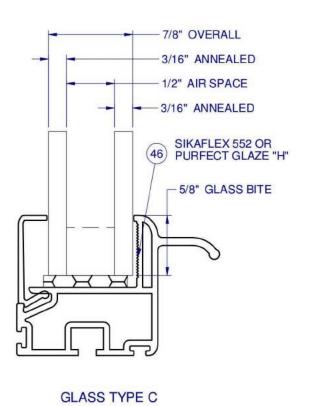
GENERAL NOTES AND ELEVATIONS

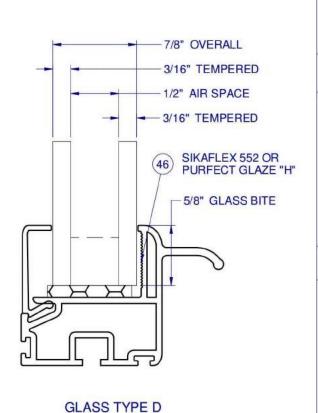
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EMK	06/19/15
DWG #:	REV.:
CWS-1099	Α
SCALE:	SHEET
1:15	1 OF 7



GLASS TYPE A









610 PVC SINGLE HUNG NON-IMPACT



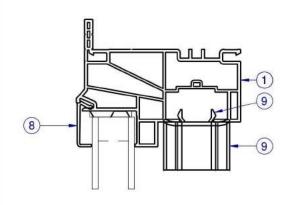
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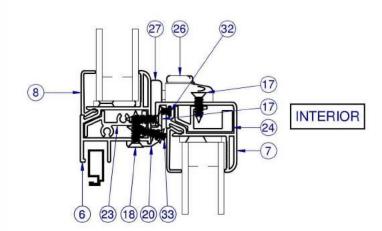
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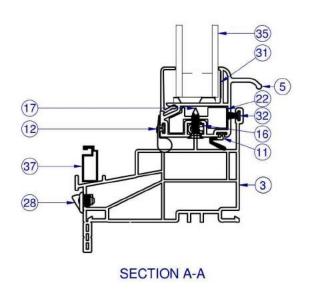
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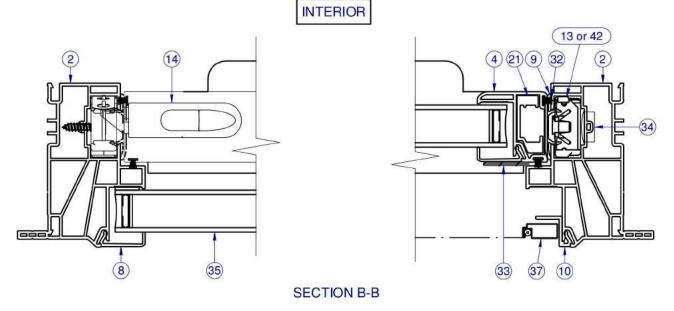
GLAZING DETAILS

DRAWN BY:	DATE:
EMK	06/19/15
DWG #:	REV.:
CWS-1099	Α
SCALE:	SHEET
1:1	2 OF 7

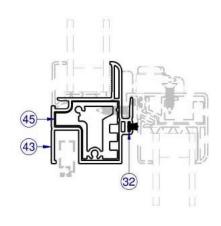


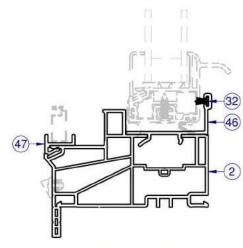




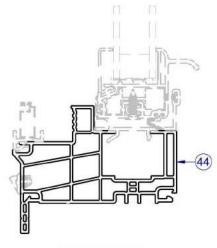


NOTE: LEFT SIDE SHOWS FIXED SECTION VIEW, RIGHT SIDE SHOWS SASH SECTION VIEW.





SECTION C-C ALTERNATE HD MEETING RAIL AND UNI-FRAME



SECTION D-D DEEP POCKET UNI-FRAME

NOTES:

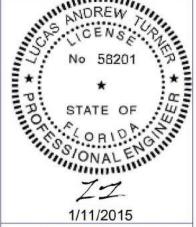
- FIN FRAME AVAILABLE FOR BOTH UNI-FRAME AND STANDARD FRAME TYPES.
- 880 BALANCERS AND DEEP POCKET UNI-FRAME (H-6193) REQUIRED FOR LARGER SASHES. (NOT SHOWN IN SECTION B-B)



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610 PVC SINGLE HUNG NON-IMPACT

				EMK 11/16/15	DATE:	
				EMK	BY:	
				NEW MTG RAIL & SILL	NO.: DESCRIPTION:	REVISIONS
				A	9	
	- 41	1111	11111			***

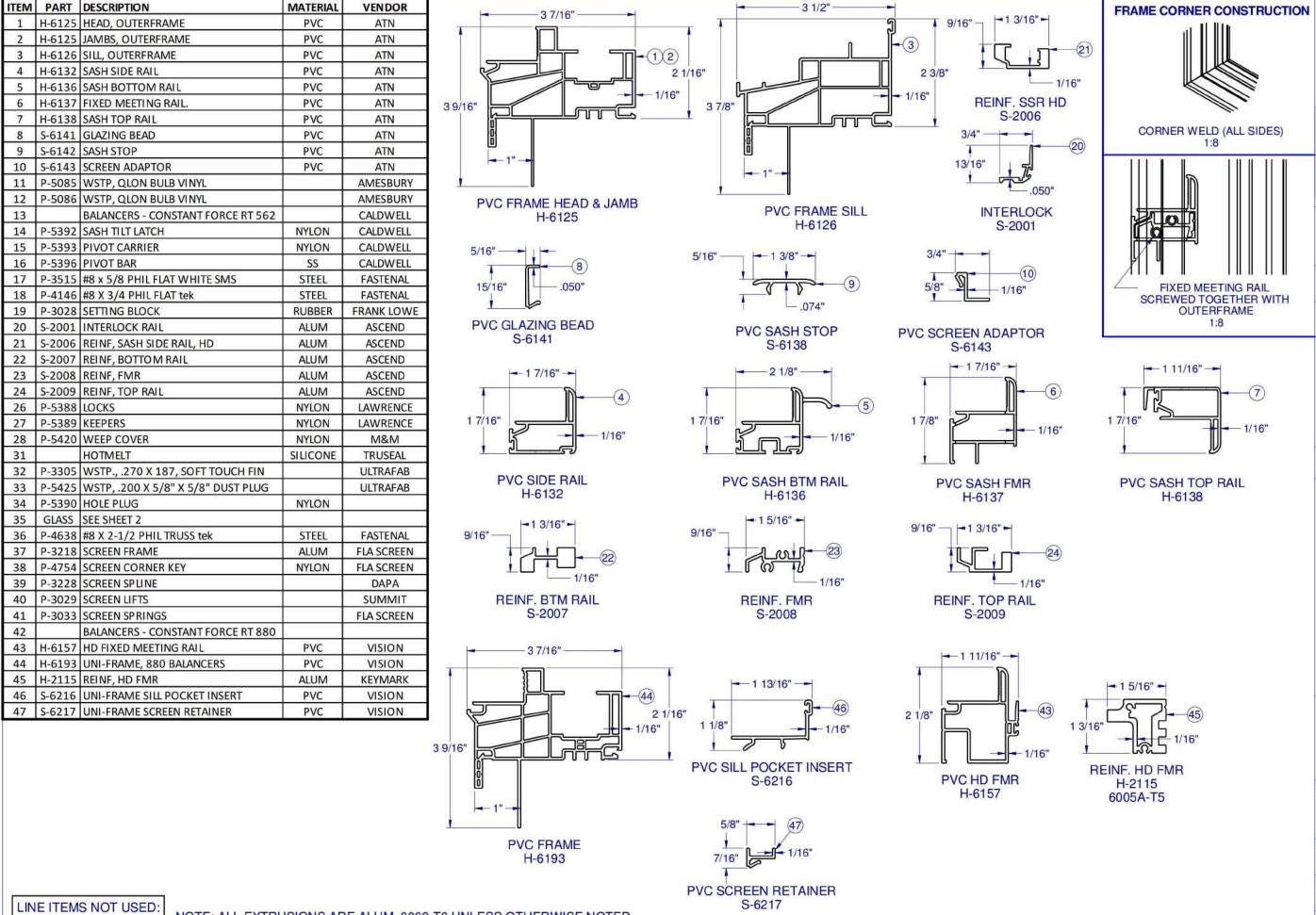


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SHEET DESCRIPTION:

SECTION VIEWS

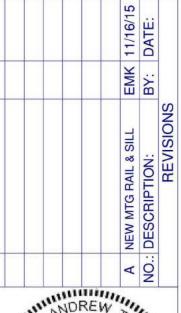
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DWG #:	REV.:
CWS-1099	Α
SCALE:	SHEET
1:2	3 OF 7

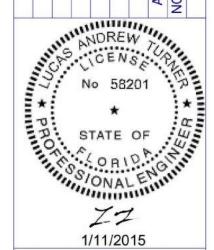


CUSTOM WINDOW SYSTEMS
1900 SW 44TH AVE.

1900 SW 44TH AVE. OCALA, FLORIDA 34474 WWW.CWS.CC

610 PVC SINGLE HUNG NON-IMPACT



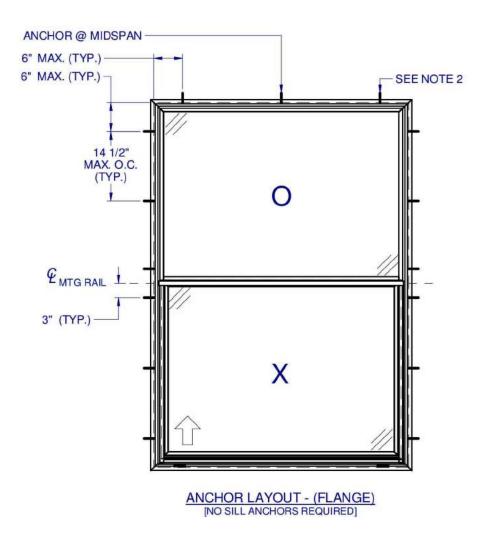


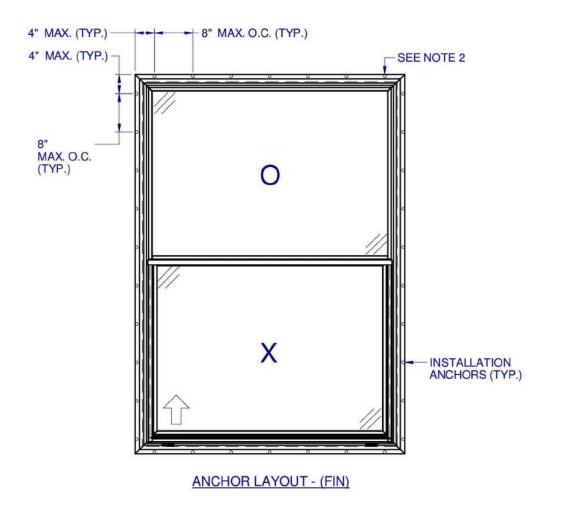
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SHEET DESCRIPTION:

BOM AND EXTRUSIONS

DRAWN BY:	DATE:
EMK	06/19/15
DWG #:	REV.:
CWS-1099	Α
SCALE:	SHEET
1:2	4 OF 7





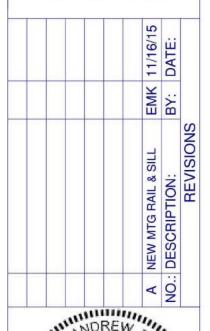
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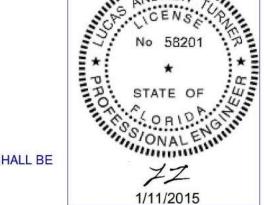
- 1. INSTALL ONE ANCHOR AT EACH INSTALLATION LOCATION. SILL ANCHOR SPACING SAME AS HEAD.
- 2. SHIM AS REQ AT EACH INSTALLATION ANCHOR USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT. LOAD BEARING SHIMS SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER. WOOD SHIMS ARE NOT ALLOWED.
- 3. ANCHOR TYPE, SIZE, SPACING AND EMBEDMENT SHALL BE AS SPECIFIED IN THESE DRAWINGS, SEE TABLE 1, SHEET 6.
- 4. ALL INSTALLATION ANCHORS MUST BE MADE OF OR PROTECTED WITH A CORROSION RESISTANT MATERIAL OR COATING. DISSIMILAR METALS OR MATERIALS IN CONTACT WITH PRESSURE TREATED WOOD MUST BE PROTECTED TO PREVENT REACTION.
- 5. INSTALLATION ANCHORS SHALL BE IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM SPECIFIED IN TABLE 1, SHEET 6.
- 6. ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO. FOR CONCRETE/CMU OPENINGS, EMBEDMENT SHALL BE BEYOND WOOD BUCKS, IF USED, INTO SUBSTRATE 1X BUCKS ARE OPTIONAL.
- 7. A MINIMUM CENTER-TO-CENTER SPACING SHALL BE MAINTAINED BETWEEN ALL FASTENERS: 3" FOR MASONRY, 1" FOR WOOD AND METAL.
- 8. WOOD OR MASONRY OPENINGS, BUCKS AND BUCK FASTENERS SHALL BE PROPERLY DESIGNED BY THE ARCHITECT OR ENGINEER OF RECORD AND INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE. SUBSTRATES SHALL MEET THE MINIMUM STRENGTH REQUIREMENTS AS SHOWN IN TABLE1, SHEET 6. CONCRETE AND MASONRY SUBSTRATES MAY NOT BE CRACKED.
- 9. SEALING AND FLASHING STRATEGIES FOR OVERALL WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS FOLLOWING THE CURRENT VERSION OF THE REFERENCE DOCUMENTS: FMA/AAMA 100(FIN WINDOWS), FMA/AAMA 200(FLANGE WINDOWS), FMA/WDMA 250(BOX WINDOWS), FMA/AAMA/WDMA 300(EXTERIOR DOORS)



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610 PVC SINGLE HUNG NON-IMPACT



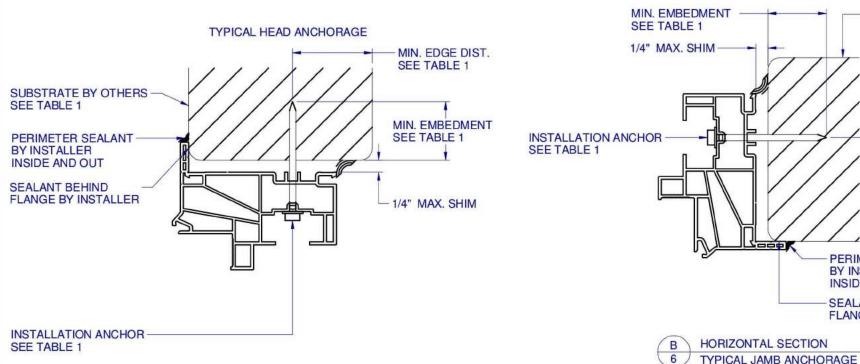


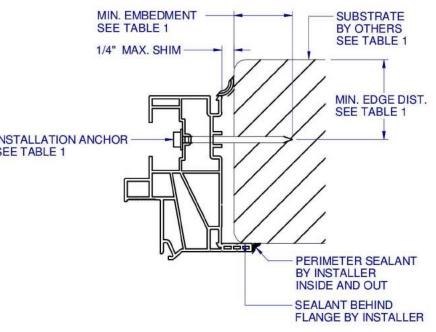
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SHEET DESCRIPTION:

ANCHOR SCHEDULE AND NOTES

DRAWN BY:	DATE:
EMK	06/19/15
DWG #:	REV.:
CWS-1099	Α
SCALE:	SHEET
1:25	5 OF 7





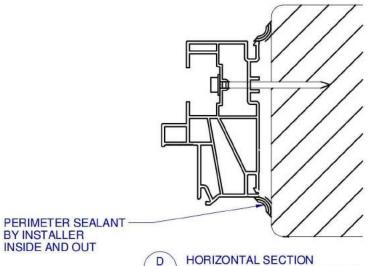
MIN. EDGE DIST. SUBSTRATE SEE TABLE 1 BY OTHERS SEE TABLE 1 1/4" MAX. SHIM MIN. EMBEDMENT SEE TABLE 1 PERIMETER SEALANT BY INSTALLER INSIDE AND OUT INSTALLATION ANCHOR SEE TABLE 1 SEALANT BEHIND FIN BY INSTALLER

HORIZONTAL SECTION TYPICAL FIN ANCHORAGE HEAD AND SILL SIMILAR FOR FIN INSTALLATION

CONTINUOUS DBL 1/4" BEAD OF SEALANT AROUND PERIMETER @ ALL INDICATED POINTS BETWEEN FRAME AND SUBSTRATE BY INSTALLER 1/4" MAX. SHIM SEALANT BEHIND FLANGE BY INSTALLER PERIMETER SEALANT BY INSTALLER INSIDE AND OUT SUBSTRATE BY OTHERS SEE TABLE 1 VERTICAL SECTION TYPICAL SILL ANCHORAGE NO SILL ANCHORS REQUIRED

		INSTALLATION FASTENERS		
FRAME TYP	E SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DIST
FLANGE	CONCRETE (2.0 KSI MIN.)	3/16" ITW TAPCON	1"	1-1/8"
FLANGE	HOLLOW OR GROUT-FILLED CMU (117 PCF MIN.)	3/16" ITW TAPCON	1"	2"
FLANGE	CONCRETE (2.85 KSI MIN.)	3/16" ELCO ULTRACON	1"	1"
FLANGE	GROUT-FILLED CMU (ASTM C-90)	3/16" ELCO ULTRACON	1-1/4"	2-1/2"
FLANGE	2X MIN. SOUTHERN PINE (G=0.55)	3/16" ITW TAPCON OR ELCO ULTRACON	1-3/8"	7/8"
FLANGE	2X MIN. SOUTHERN PINE (G=0.55)	#10 WOOD SCREW	1-3/8"	7/8"
FLANGE	16 GAUGE (0.060") MIN. STEEL STUD (33 KSI YIELD MIN)	#10-16 HILTI KWIK-FLEX OR ITW TEKS SELF-DRILLING SCREW	FULL THREAD THRU 0.060"	7/16"
FLANGE	1/8" ALUM. (6063-T5 MIN.) OR 1/8" STEEL (33 KSI MIN.)	#10 GRADE 5 SELF-TAPPING / DRILLING SCREW	FULL THREAD THRU 0.125"	7/16"
FIN	2X MIN. SOUTHERN PINE (G=0.55)	#10 WOOD SCREW	1-1/2"	1/2"

NOTE: UNI-FRAME OPTIONS NOT SHOWN



BOX FRAME INSTALLATION

BY INSTALLER

FLANGE REMOVAL NOTE: PARTIALLY OR FULLY REMOVING THE FLANGE, UP TO AND INCLUDING A BOX-FRAME APPLICATION IS ACCEPTABLE PROVIDED

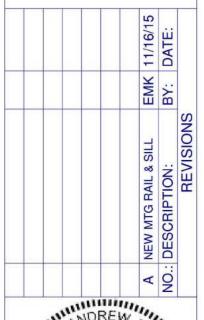
SIMILAR FOR SILL AND JAMBS FOR BOX INSTALLATION

- MIN. 1/4" FILLET OF CONSTRUCTION-GRADE ADHESIVE CAULK IS APPLIED INSIDE AND OUT, FULL PERIMETER, BY INSTALLER.
- PRODUCT ANCHORAGE IS IN ACCORDANCE WITH REQUIREMENTS AS SHOWN FOR FLANGE WINDOWS.



OCALA, FLORIDA 34474 WWW.CWS.CC

610 PVC SINGLE HUNG **NON-IMPACT**



No 58201

No 58201

No 58201

No STATE OF 1/11/2015

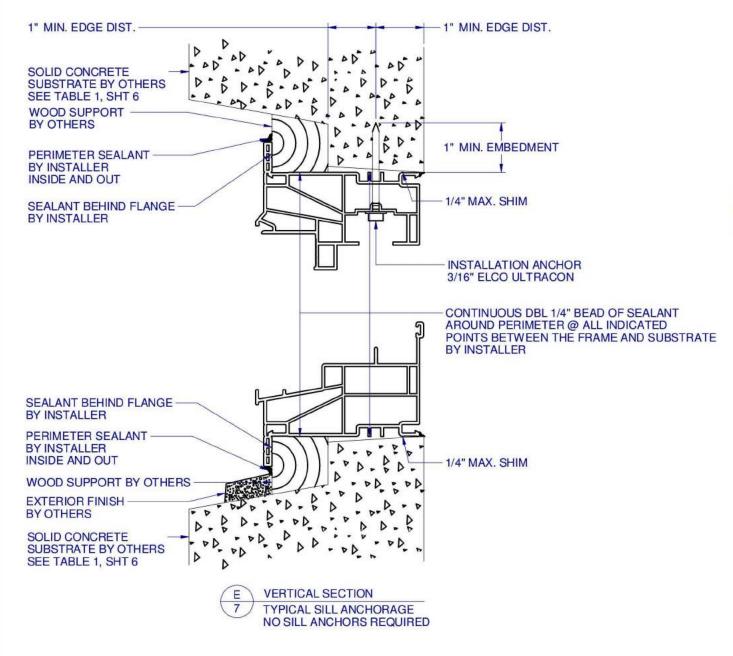
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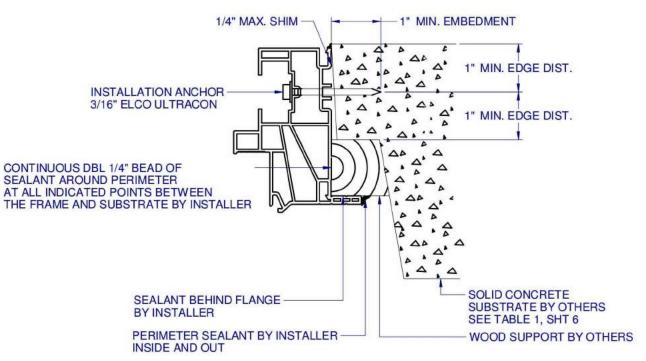
SHEET DESCRIPTION:

INSTALLATION DETAILS

DRAWN BY:	DATE:
EMK	06/19/15
DWG #:	REV.:
CWS-1099	Α
SCALE:	SHEET
1:2	6 OF 7

TYPICAL HEAD ANCHORAGE





HORIZONTAL SECTION

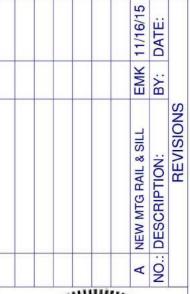
TYPICAL JAMB ANCHORAGE

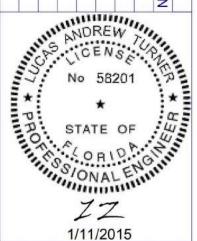


610 PVC

WINDOW SYSTEMS (L. 1900 SW 44TH AVE. OCALA, FLORIDA 34474

WWW.CWS.CC





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SHEET DESCRIPTION:

INSTALLATION DETAILS POURED WALL

DRAWN BY:	DATE:
EMK	06/19/15
DWG #:	REV.:
CWS-1099	Α
SCALE:	SHEET
1:1	7 OF 7

NOTE: INSTALLATION ON THIS SHEET ARE FOR SOLID POURED WALLS USED SPECIFICALLY IN THE VILLAGES, FL. OR FOR SIMILAR SOLID POURED WALL INSTALLATIONS.