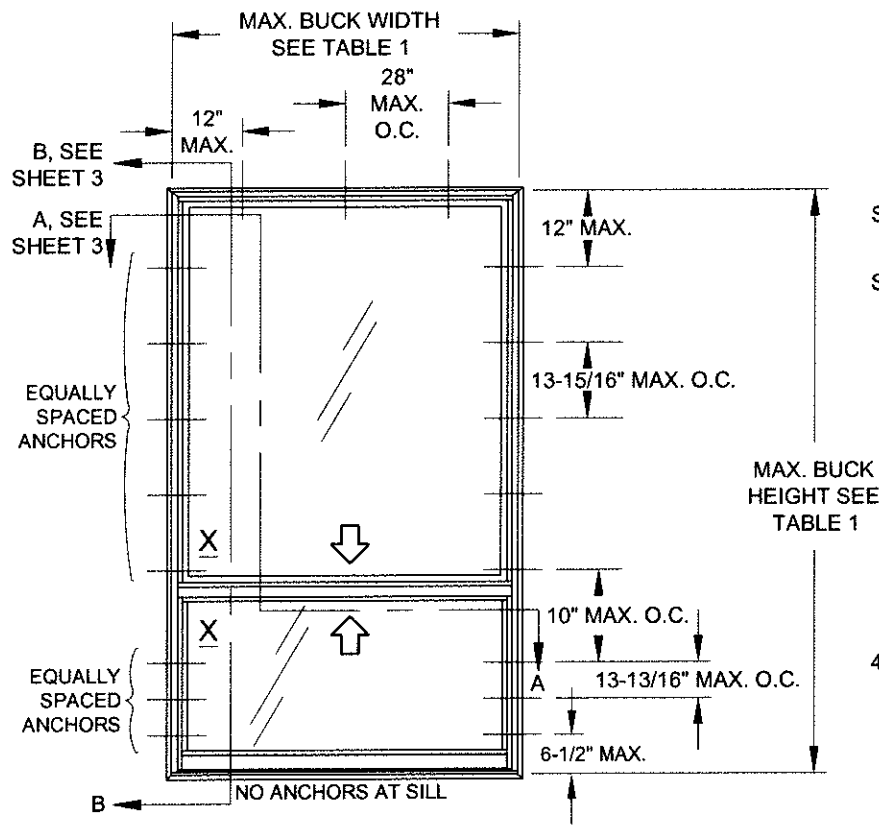
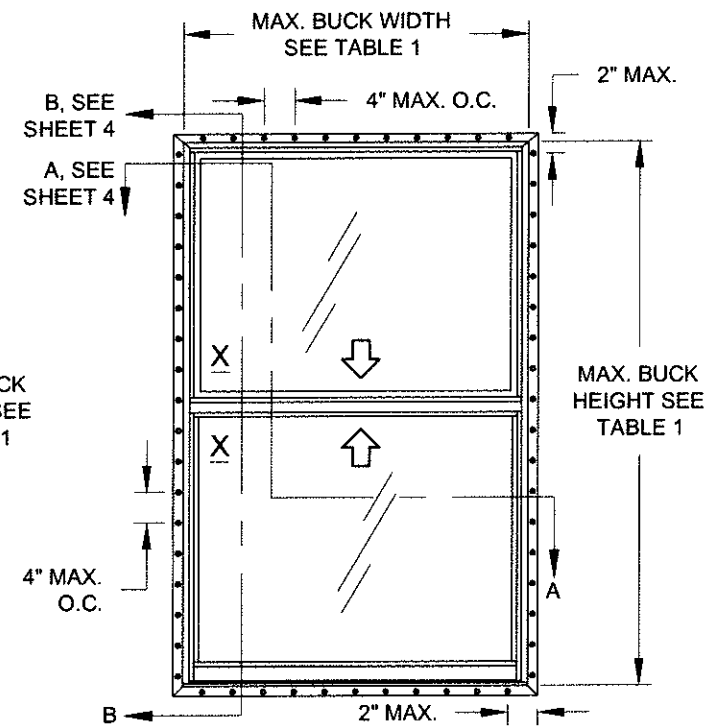


ELEVATION FOR TYP. EQUAL LEG FRAME,  
EQUAL-LITE CONFIGURATION



ELEVATION FOR TYP. FLANGE FRAME,  
PROVIEW/ORIEL CONFIGURATION



ELEVATION FOR TYP. FIN OR J-CHANNEL FRAME,  
EQUAL-LITE CONFIGURATION  
(SIMILAR ANCHOR DIMENSIONS FOR OTHER CONFIGURATIONS)

**GENERAL NOTES: SERIES 5560 IMPACT RESISTANT, VINYL  
DOUBLE HUNG WINDOW**

- 1) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.
- 2) ALL WOOD BUCKS LESS THAN 1-1/2" THICK ARE TO BE CONSIDERED 1X INSTALLATIONS. 1X WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SUBSTRATE. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. WOOD BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER, (EOR) OR ARCHITECT OF RECORD, (AOR).
- 3) ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO. USE ANCHORS OF SUFFICIENT EMBEDMENT. INSTALLATION ANCHORS SHOULD BE SEALED. OVERALL SEALING/FLASHING STRATEGY FOR WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS AND IS BEYOND THE SCOPE OF THESE INSTRUCTIONS.
- 4) MAX. 1/4" SHIMS ARE REQUIRED AT EACH ANCHOR LOCATION WHERE THE PRODUCT IS NOT FLUSH TO THE SUBSTRATE. USE SHIMS CAPABLE OF TRANSFERRING APPLIED LOADS. WOOD BUCKS, BY OTHERS, MUST BE SUFFICIENTLY ANCHORED TO RESIST LOADS IMPOSED ON THEM BY THE WINDOW.
- 5) THE ANCHORAGE METHODS SHOWN HAVE BEEN DESIGNED TO RESIST THE WINDLOADS CORRESPONDING TO THE REQUIRED DESIGN PRESSURE. THE 33-1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. THE 1.6 LOAD DURATION FACTOR WAS USED FOR THE EVALUATION OF ANCHORS INTO WOOD. ANCHORS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE FOR CORROSION RESISTANCE.

TABLE 1:

Window Buck Size		Configuration	Reinf. Level	Design Pressure		Certification (CAR) Number
Width	Height			(+) psf	(-) psf	
52-1/8"	84"	Equal-lite	R1	50.0	50.0	190-287, 1034
52-1/8"	75"	Std. ProView				
52-1/8"	86-3/8"	Custom Sash				
52-1/8"	84"	Equal-lite	R2	65.0	70.0	190-288, 1035
52-1/8"	75"	Std. ProView				
52-1/8"	86-3/8"	Custom Sash				

1070 TECHNOLOGY DRIVE  
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Series	Rev 1	Desc.	VINYL DH WINDOW FPA (IMP.-RESIST.)		Date	12/13/14
Rev 2	Rev 1	Drawn By	GENERAL NOTES & ELEVATIONS		J ROSOWSKI	
Rev 2	Rev 1	Date				
Rev 2	Rev 1	Date				
DH-5560	Scale	NTS	Sheet	1 OF 4	DWG No.	FPA-5560.0
					Rev. No.	

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P.E.# 58705

TABLE 2: ANCHORS INSTALLED THROUGH FRAME

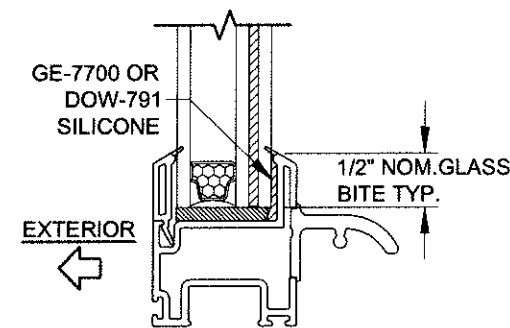
Anchor	Substrate	Min. Edge Distance	Min. Embedment
#10 SMS (steel, 18-8 S.S. or 410 S.S.) Max. DP of 50.0	P.T. Southern Pine (SG=0.55)	7/16"	1-3/8"
	Steel, A36	3/8"	0.050"
	Steel Stud, A653 Gr. 33	3/8"	0.0346" (20 Ga.)
	Aluminum, 6063-T5	3/8"	0.0713" (14 Ga.)
#12 SMS (steel, 18-8 S.S. or 410 S.S.)	P.T. Southern Pine (SG=0.55)	9/16"	1-3/8"
	Steel, A36	3/8"	0.050"
	Steel Stud, A653 Gr. 33	3/8"	0.0346" (20 Ga.)
	Aluminum, 6063-T5	3/8"	0.0713" (14 Ga.)
3/16" Ultracon (steel) Max. DP of 50.0	P.T. Southern Pine (SG=0.55)	7/16"	1-3/8"
	Concrete (min. 2.85 ksi)	1"	1-3/8"
	UngROUTED CMU, (ASTM C-90)	2-1/2"	1-1/4"
1/4" Ultracon (steel)	P.T. Southern Pine (SG=0.55)	1"	1-3/8"
	Concrete (min. 2.85 ksi)	1"	1-3/4"
	UngROUTED CMU, (ASTM C-90)	2-1/2"	1-1/4"
	Concrete (min. 2.85 ksi)	2-1/2"	1-3/4"
1/4" Crete-Flex (410 S.S.)	P.T. Southern Pine (SG=0.55)	1"	1-3/8"
	Concrete (min. 3.35 ksi)	1"	1-3/4"
	UngROUTED CMU, (ASTM C-90)	2-1/2"	1-1/4"
	Concrete (min. 3.35 ksi)	2-1/2"	1-3/4"
1/4" Aggre-Gator (18-8 S.S.)	Concrete (min. 3.275 ksi)	1-1/2"	1-3/8"
	P.T. Southern Pine (SG=0.55)	1"	1-3/8"
	UngROUTED CMU, (ASTM C-90)	2"	1-1/4"

TABLE 3: ANCHORS INSTALLED THROUGH INTEGRAL FIN

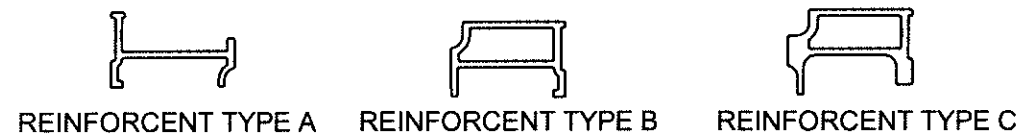
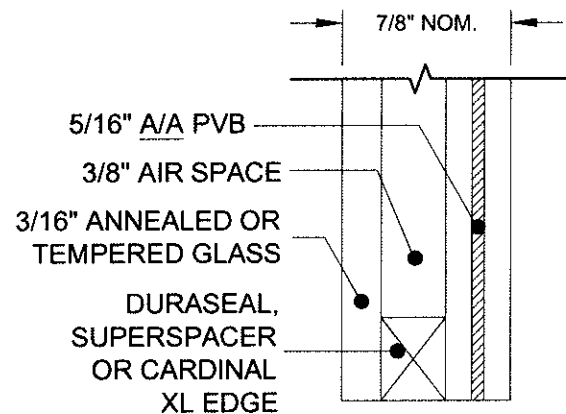
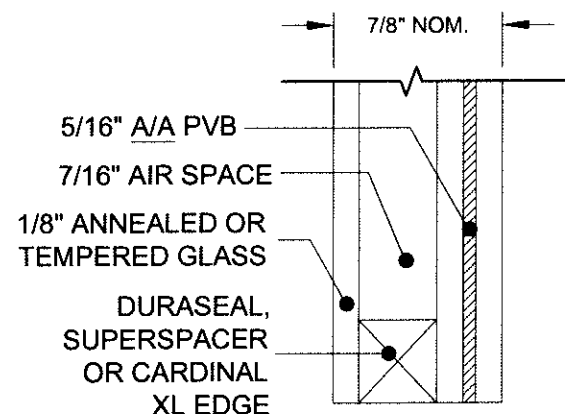
Anchor	Substrate	Min. Edge Distance	Min. Embedment
2-1/2" x .131" Common Nail Max. DP of 50.0	P.T. Southern Pine (SG=.55)	9/16"	2-7/16"
	P.T. Southern Pine (SG=.55)	9/16"	2-7/16"
	P.T. Southern Pine (SG=.55)	9/16"	2-7/16"
	P.T. Southern Pine (SG=.55)	3/4"	1-3/8"
#10 SMS (steel, 18-8 S.S. or 410 S.S.)	Aluminum, 6063-T5	3/8"	0.0713" (14 Ga.)
	Steel Stud, Gr. 33	3/8"	0.0346" (20 Ga.)
	Steel, A36	3/8"	0.050"

ANCHOR NOTES:

- 1) "UNGROUTED CMU" VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.
- 2) PANHEAD, FLATHEAD OR HEXHEAD ARE ACCEPTABLE.
- 3) ANCHOR LENGTH TO BE SO THAT A MIN. OF 3 THREADS EXTEND BEYOND THE METAL SUBSTRATE.



TYP. GLAZING DETAIL



GLAZING TYPES

TABLE 4: REINFORCEMENT TYPES

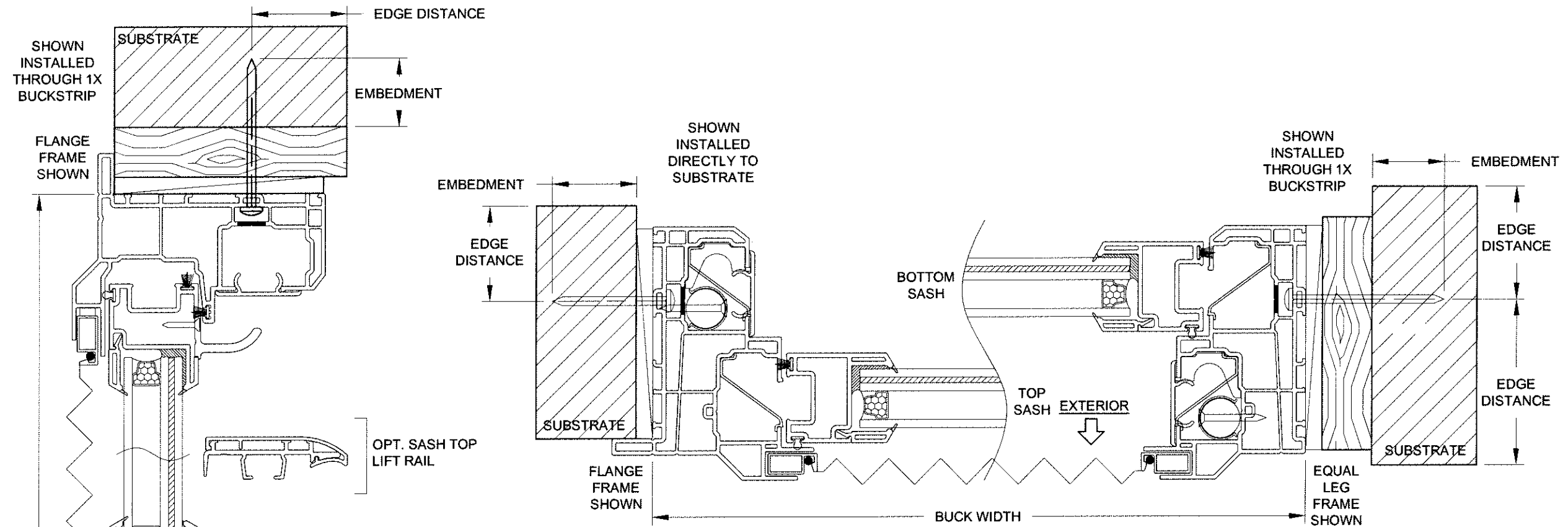
Level	Reinforcement				
	Upper Lite		Lower Lite		Side Rails
	Top Rail	Bottom Rail	Top Rail	Bottom Rail	
R1	A	B	B	A	A
R2	A	C	C	A	A

**PCT**  
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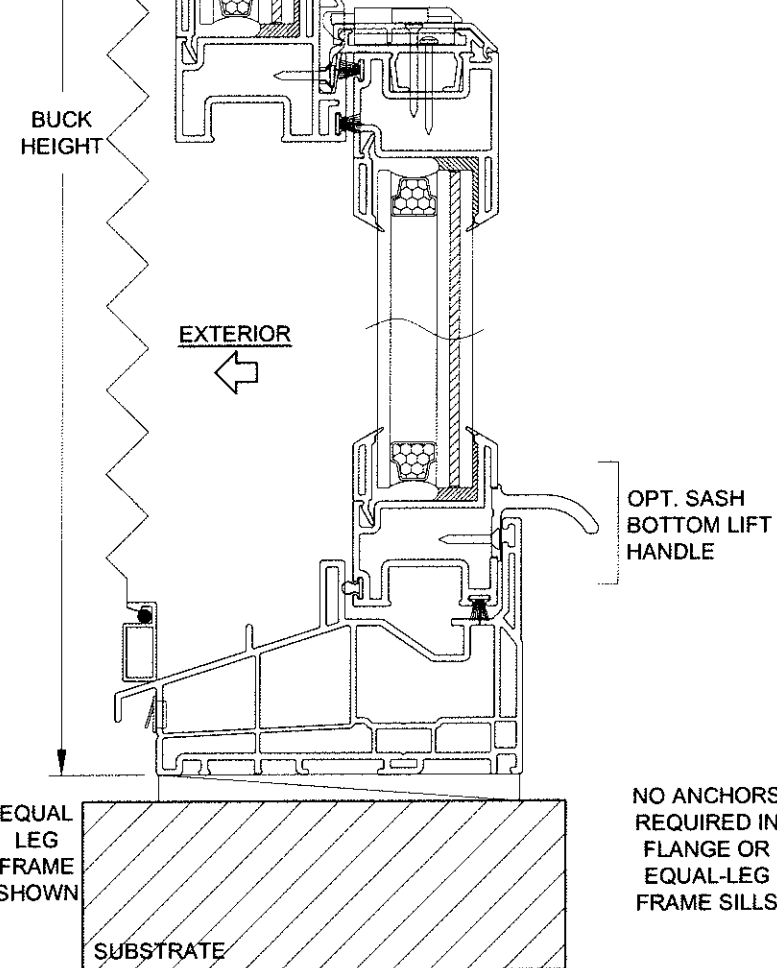
PVB INTERLAYER MANUFACTURED BY DUPONT INC. (AKA KURARAY AMERICA, INC.)

Series	Scale	Sheet	DWG No.	Rev. No.
DH-5560	NTS	2 OF 4	FPA-5560.0	
Title	Date	Drawn By	Rev 1 Date	Rev 2 Date
VINYL DH WINDOW FPA (IMP.-RESIST.)	12/13/14	J ROSOWSKI		
Desc.				
GLASS/ANCHOR OPTIONS				

ANTHONY LYNN MILLER  
LICENSE  
No. 58705  
6/16/15  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
A. LYNN MILLER, P.E.  
P.E.# 58705

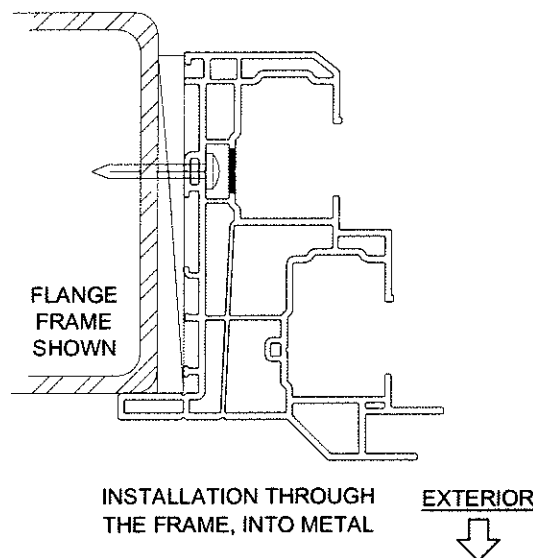


HORIZONTAL SECTION A-A



VERTICAL SECTION B-B

NO ANCHORS  
REQUIRED IN  
FLANGE OR  
EQUAL-LEG  
FRAME SILLS



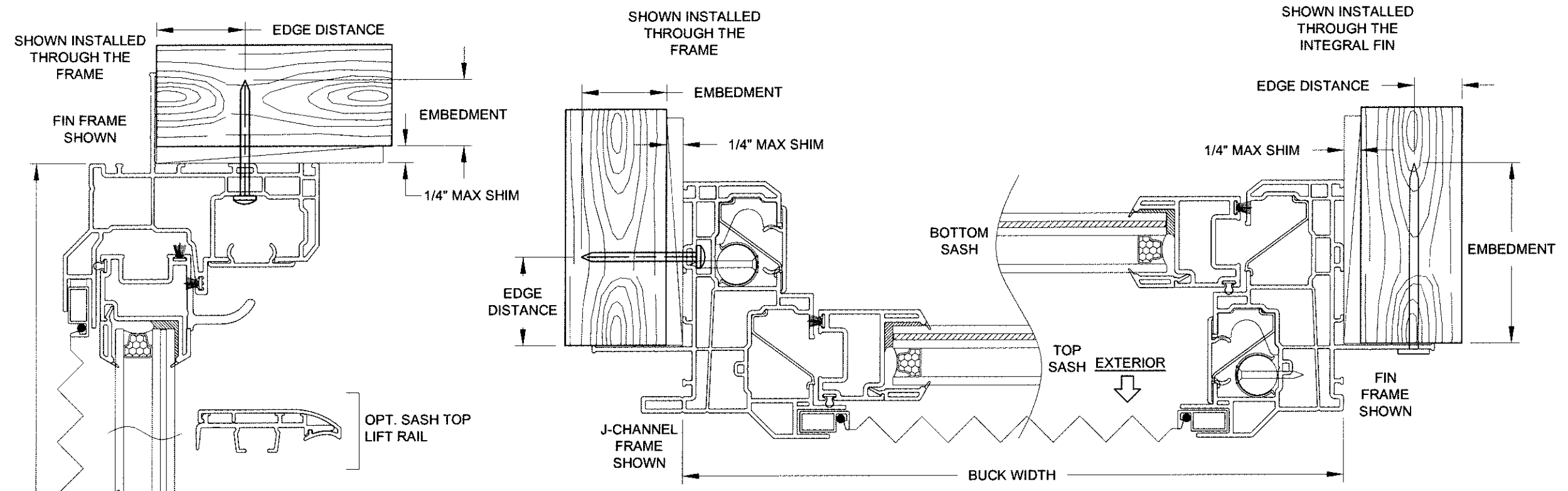
INSTALLATION NOTES:

- 1) SEE SHEET 1 FOR SPACING REQUIREMENTS.
- 2) SEE TABLE(S) ON SHEET 2 FOR ANCHORAGE AND SUBSTRATE REQUIREMENTS.
- 3) MAX. SHIM THICKNESS TO BE 1/4".
- 4) GLASS SHOWN IS FOR ILLUSTRATIVE PURPOSES ONLY AND MAY DIFFER TO MEET DESIGN REQUIREMENTS.
- 5) FIN AND/OR FLANGE MAY BE REMOVED TO CREATE OTHER FRAME TYPES.

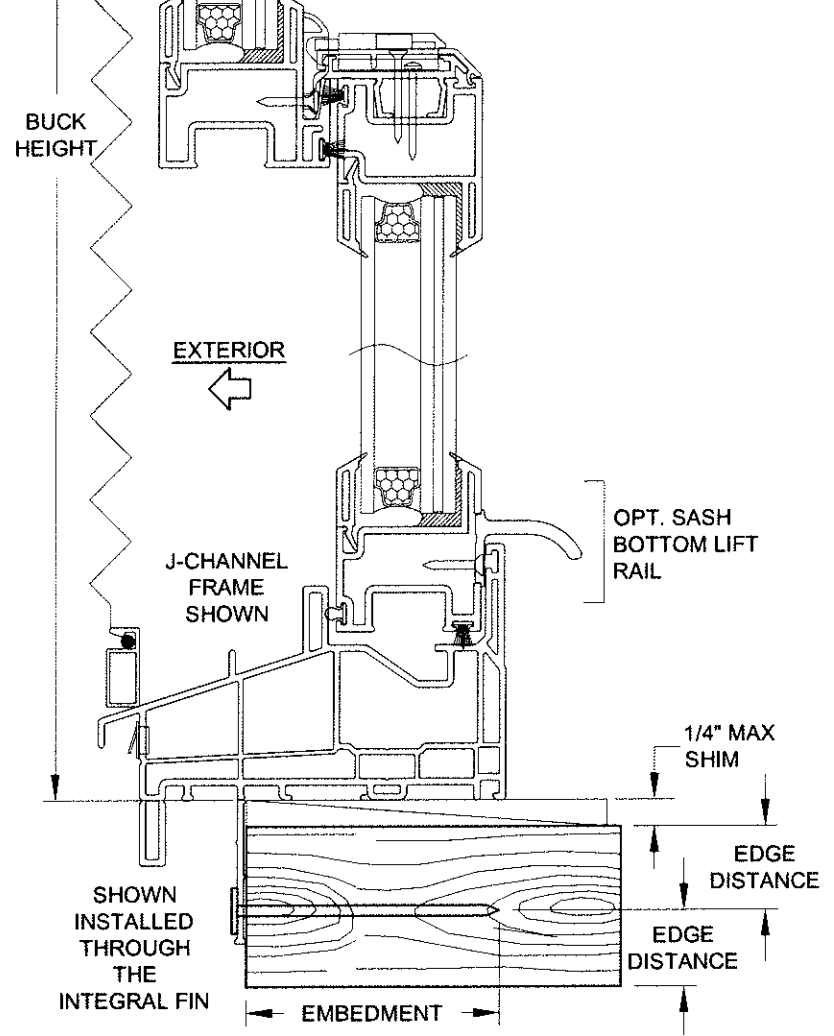
1070 TECHNOLOGY DRIVE  
N. VENICE, FL 34275  
(941)-480-1600

Series	Rev 2	Rev 1	Desc.	Title	Date
DH-5560	NTS	3 OF 4	FLANGE & EQUAL-LEG/BOX FRAMES	VINYL DH WINDOW FPA (IMP.-RESIST.)	12/13/14
DWG No.	FPA-5560.0	Rev. No.	Drawn By	J ROSOWSKI	
Scale	Rev 1 Date	Rev 2 Date			

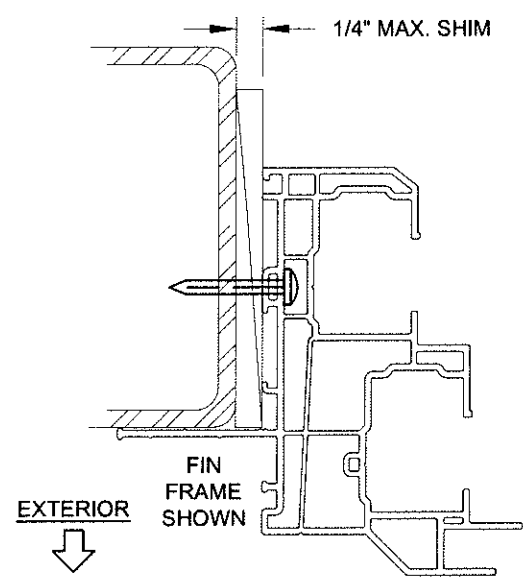
A. LYNN MILLER, P.E.  
P.E.# 58705



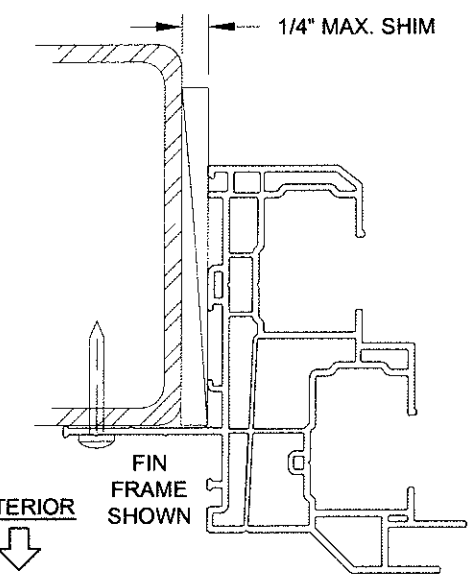
**HORIZONTAL SECTION C-C**



**VERTICAL SECTION D-D**




INSTALLATION THROUGH THE FRAME, INTO METAL



INSTALLATION THROUGH THE INTEGRAL FIN, INTO METAL


**INSTALLATION NOTES:**

- 1) SEE SHEET 1 FOR SPACING REQUIREMENTS.
- 2) SEE TABLE(S) ON SHEET 2 FOR ANCHORAGE AND SUBSTRATE REQUIREMENTS.
- 3) MAX. SHIM THICKNESS TO BE 1/4".
- 4) GLASS SHOWN IS FOR ILLUSTRATIVE PURPOSES ONLY AND MAY DIFFER TO MEET DESIGN REQUIREMENTS.
- 5) FIN AND/OR FLANGE MAY BE REMOVED TO CREATE OTHER FRAME TYPES.



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 1070 TECHNOLOGY DRIVE  
 N. VENICE, FL 34275  
 (941)-480-1600

Series	Rev 1	Rev 2	Scale	NTS	Sheet	4 OF 4	DWG No.	FPA-5560.0	Rev. No.
Title		VINYL DH WINDOW FPA (IMP.-RESIST.)		Date	12/13/14				
Desc.		J-CHANNEL & INTEGRAL FIN FRAMES		Drawn By	J ROSOWSKI				
Rev 1		Date							
Rev 2		Date							



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 P.E.# 58705