

Reset Form

Print Form

PRODUCT APPROVAL SHEET - CITY OF GAINESVILLE

Project: NEW CONSTRUCTION OF SFD

Project Address: _____

As required by Florida Statute 553.842 and Florida Administrative Code 61G20-3, please provide the information and specific product approval number(s) for the building components listed below as applicable to the building construction project listed above. You should contact your product supplier if you do not know the product approval number for any of the applicable listed products. Information regarding statewide product approval may be obtained at: <http://www.floridabuilding.org>.

Permit Number

Building Component	Manufacturer	Product Description	Product Approval # FL #####
Exterior Door: swinging	THERMA-TRU		23957.1
Exterior Door:			
Exterior Door:			
Exterior Door:			
Window: single hung	SILVERLINE		19715.1
Window:			
Window:			
Window:			
Panel Wall: siding	CEMPLANK		RI0-2683.17
Panel Wall: soffits	KAYAN		24564.3
Panel Wall:			
Roofing Prod. asphalt shingles	IKO		7006-R10
Roofing Prod.			
Roofing Prod.			
Roofing Prod.			
Structural: [select component type]			
Structural:			
Structural:			
Structural:			
Skylight: [select skylight]			
Skylight:			
Shutters: [select shutter type]			
New Products: exterior door	OVERHEAD DOOR	GARAGE DOOR	14170.5
New Products:			

In addition to completing the above list of manufacturers, product descriptions and State approval numbers for the products used on this project, it is the Contractor's or Authorized Agent's responsibility to have a legible copy of each manufacturer's printed instructions, along with the list above, on the job site available to the inspector.

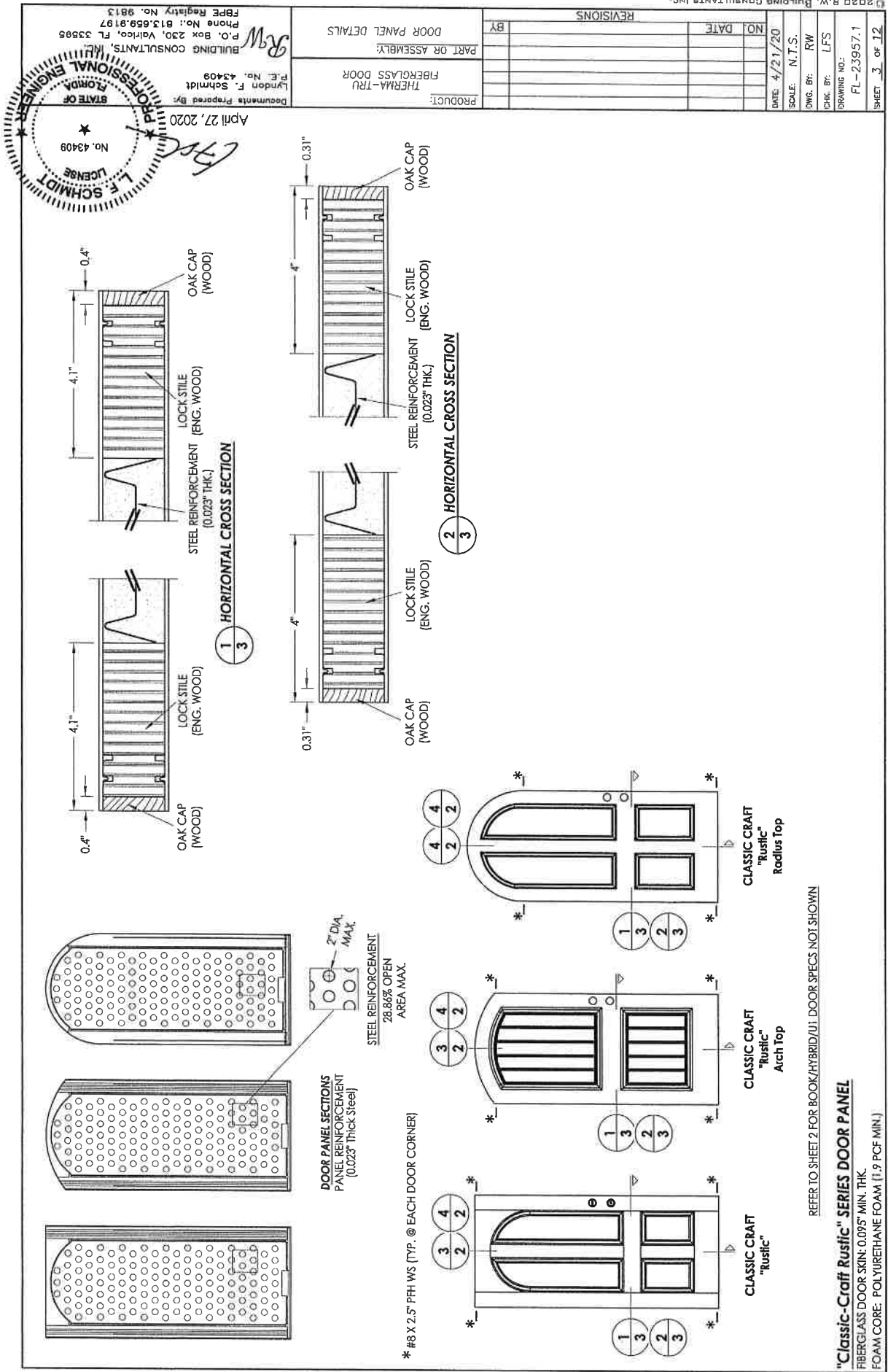
Contractor/Agent: WPJ CONSTRUCTION, LLC

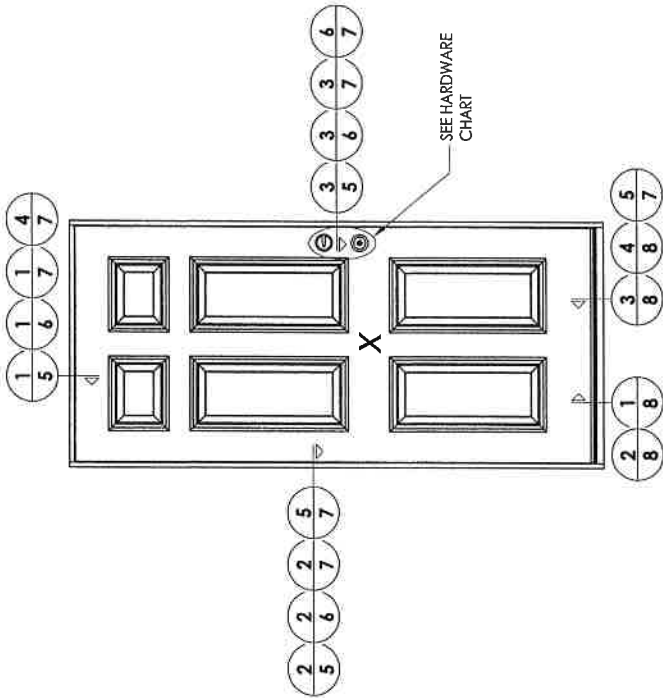
Date: _____

Phone: 352-494-6420

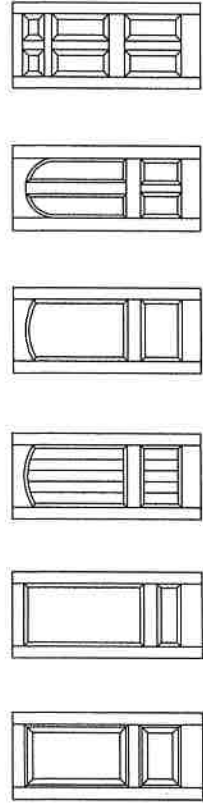
Email: EDWIN.DIX@GMAIL.COM

Door 3 of 12





HARDWARE TABLE	
MANUFACTURER	MODEL
KWIKSET	KNOB: SIGNATURE SERIES DEADBOLT: SIGNATURE SERIES (980)



Classic-Craft Door Panel Options
Panel options shown are for illustration and are representative only
(similar opaque panel configurations are allowed)

DATE: 4/21/2020	NO.	DATE	REVISIONS
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-23957.1			
SHEET 4 OF 12			

PRODUCT: THERMA-TRU FIBERGLASS DOOR	PART OR ASSEMBLY:	ELEVATIONS
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		

APR 27, 2020

PROFESSIONAL ENGINEER
STATE OF FLORIDA
No. 43409
L. F. SCHMIDT
LICENSE

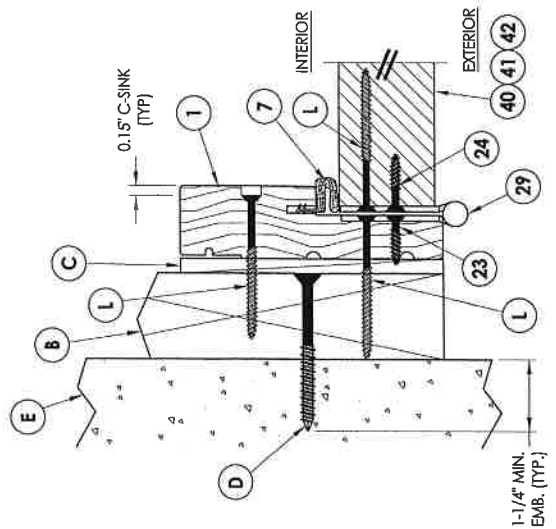
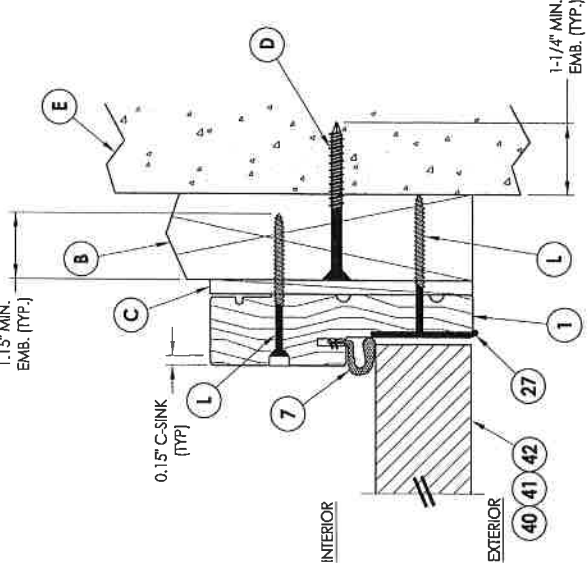
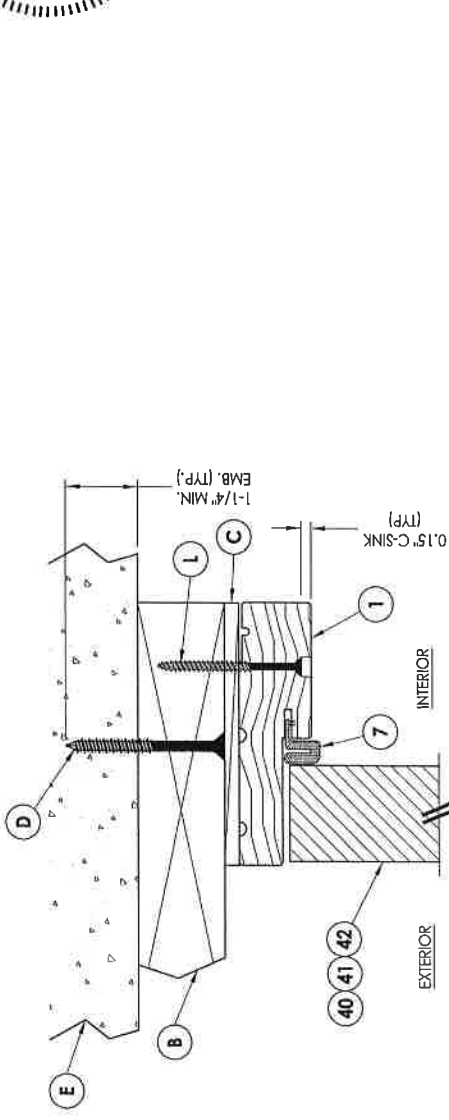
BUILDING CONSULTANTS, INC.
P.O. Box 230, Vero Beach, FL 33595
Phone No.: 813.659.9197
FBPE Registry No.: 9813

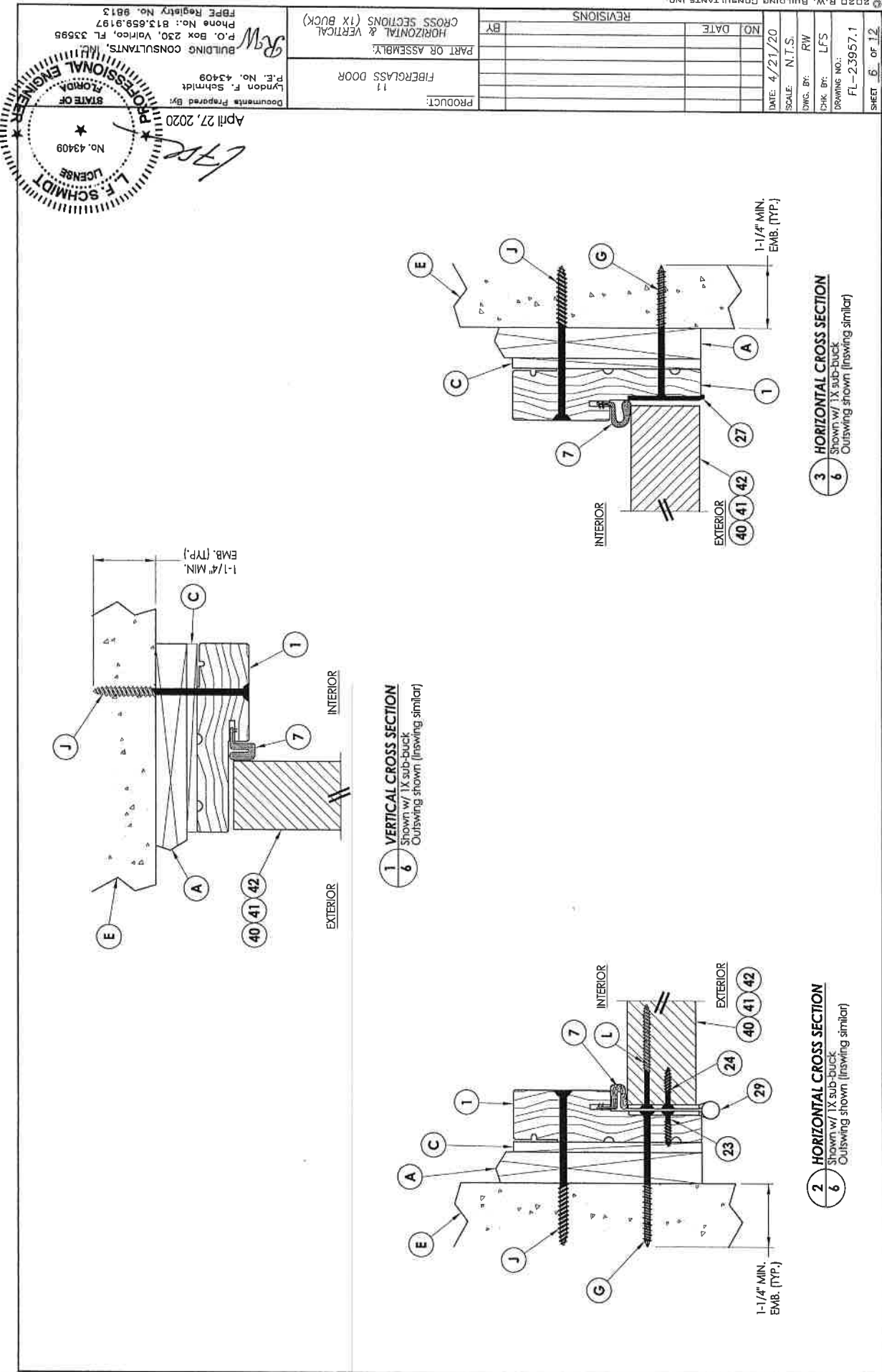
Page 5 of 12

REVISIONS NO. DATE 1 4/21/20 SCALE: N.T.S. DWG. BY: RW CHK. BY: LFS DRAWING NO.: FL-23957.1 SHEET 5 of 12		PART OR ASSEMBLY: FIBERGLASS DOOR THERMA-TRU CROSS SECTIONS (2X BUCK)	
DATE: 4/21/20 SCALE: N.T.S. DWG. BY: RW CHK. BY: LFS DRAWING NO.: FL-23957.1 SHEET 5 of 12		PRODUCT: THERMA-TRU FIBERGLASS DOOR CROSS SECTIONS (2X BUCK)	
NO. DATE 1 4/21/20 SCALE: N.T.S. DWG. BY: RW CHK. BY: LFS DRAWING NO.: FL-23957.1 SHEET 5 of 12		PART OR ASSEMBLY: FIBERGLASS DOOR THERMA-TRU CROSS SECTIONS (2X BUCK)	

L.F. SCHMIDT
 LICENSE
 No. 43409
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 Documents Prepared By:
 Lynden F. Schmidt
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 BUILDING CONSULTANTS, INC.
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April 27, 2020
 LFS





APR 27 2020
Documents Prepared By: London F. Schmidt
P.E. No. 43409
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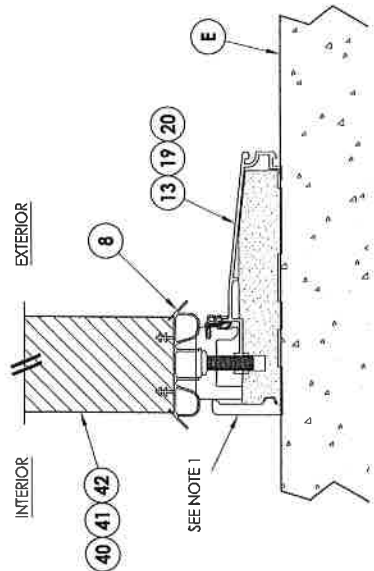
2 HORIZONTAL CROSS SECTION
7
Shown Direct to Masonry
Outswinging only w/ 4-9/16" jamb



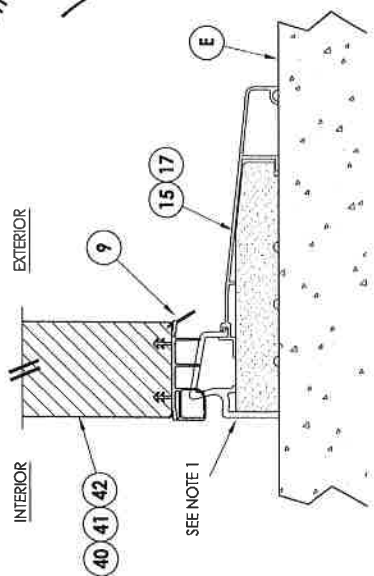
Door 8 of 12

Notes:

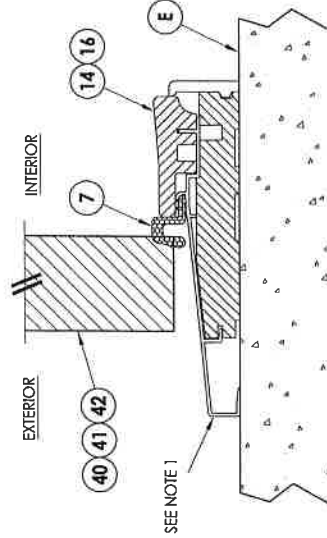
- Sill Item #'s 13, 16, 17, 19 & 20 are attached to jambs w/ (3) #8 X 2-1/2" pph screws at each end.
- Sill Item #'s 14, 15 & 21 are attached to jambs w/ (2) #8 X 2-1/2" pph screws at each end.
- Sill Item #18 is attached to jambs utilizing (4) #10 X 1-1/2" pph screws at each end.



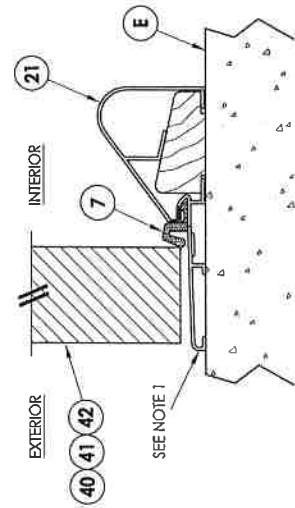
1 VERTICAL CROSS SECTION
8 Inswing Sill



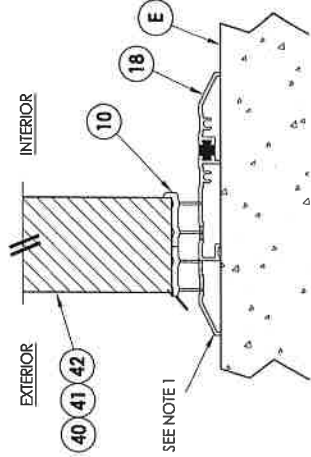
2 VERTICAL CROSS SECTION
8 Inswing Sill



3 VERTICAL CROSS SECTION
8 Outswing Sill



4 VERTICAL CROSS SECTION
8 Outswing Coastal Sill



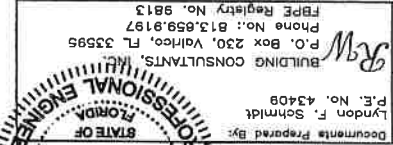
5 VERTICAL CROSS SECTION
8 Public Access Sill

NO.	DATE	REVISIONS
1	4/21/20	
2		
3		
4		
5		
6		
7		
8		

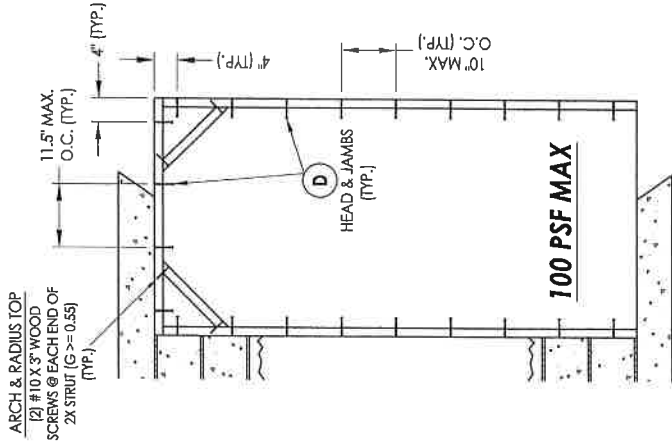
BY	DATE

PRODUCT: THERMA-TRU
FIBERGLASS DOOR
PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS (THRESHOLDS)

Documents Prepared By: Lyndon F. Schmidt
P.E. No. 43408
BUILDING CONSULTANTS, INC.
P.O. Box 230, Vero Beach, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813
APRIL 27, 2020



*



100 PSF MAX

75 PSF MAX

60 PSF MAX

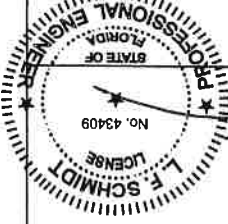
NO.		DATE	4/21/20
SCALE		N.T.S.	
DWG. BY		RW	
CHK. BY		LTS	
DRAWING NO.:		FL-23957.1	
SHEET		9	of 12

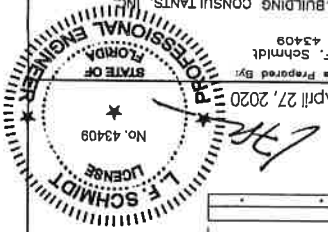
PRODUCT	THERMA-TRU FIBERGLASS DOOR	PART OR ASSEMBLY:	BUCK ANCHORING
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April 27, 2020

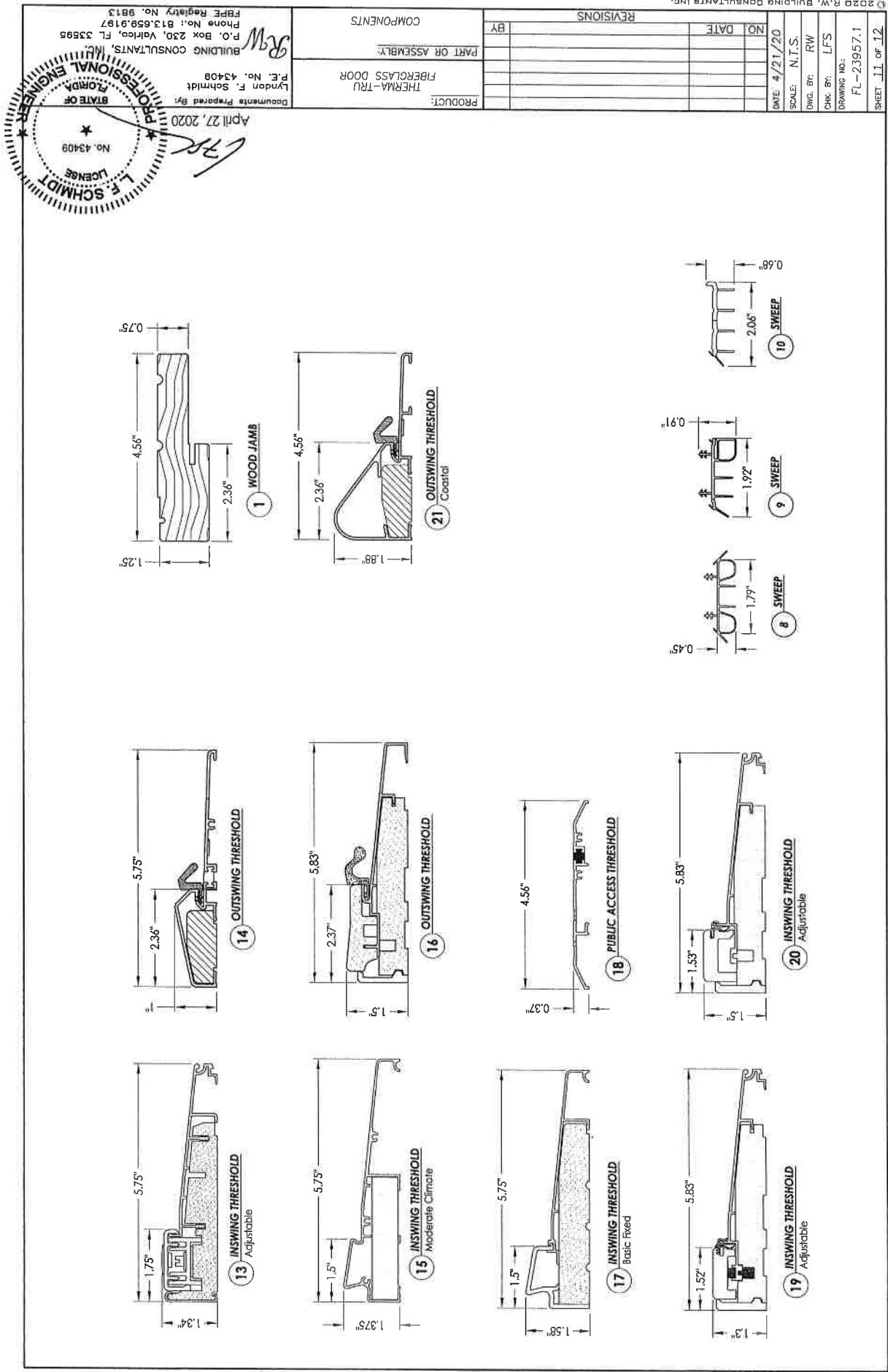
Documents Prepared By: Lyndon F. Schmidt
P.E. No. 43409

BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813





Door 11 of 12



REVISIONS		COMPONENTS	
NO.	DATE	PART OR ASSEMBLY	BY

DATE: 4/21/20	SCALE: N.T.S.	DWG. BY: RW	DWG. BY: LFS
DRAWING NO.: FL-23957.1			
SHEET 11 of 12			

PRODUCT: THERMA-TRU FIBERGLASS DOOR	Documents Prepared By: Lyndon F. Schmidt
P.E. No. 43408	April 27, 2020

L.F. SCHMIDT
 LICENSE
 No. 43408
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

LF

Building Consultants, Inc.
 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBPE Registry No. 9813

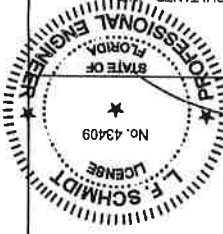
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK [SG >= 0.42]	WOOD
B	2X BUCK [SG >= 0.42]	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PH ELCO OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
G	3/16" X 3-1/4" PH ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PH ELCO OR ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PH WOOD SCREW [1.15" MIN. EMBEDMENT]	STEEL
M	3/16" X 2-1/4" PH ITW CONCRETE SCREW	STEEL
N	3/16" X 2-3/4" ITW CONCRETE SCREW	STEEL
P	1/4" X 2-3/4" PH ELCO CONCRETE SCREW	STEEL
1	JAMB [FINGER JOINT PINE]	WOOD
7	WEATHERSTRIP	FOAM
8	SWEEP	VINYL
9	SWEEP [USE W/ MODERATE CLIMATE THRESHOLD]	VINYL
10	SWEEP [USE W/ PUBLIC ACCESS THRESHOLD]	VINYL
13	INSWING THRESHOLD	ALUM/COMP
14	OUTSWING THRESHOLD	ALUM/COMP
15	INSWING THRESHOLD	ALUM/COMP
16	OUTSWING THRESHOLD	ALUM/COMP
17	INSWING THRESHOLD	ALUM/COMP
18	PUBLIC ACCESS THRESHOLD	ALUM
19	INSWING THRESHOLD	ALUM/COMP
20	INSWING THRESHOLD	ALUM/COMP
21	OUTSWING COASTAL THRESHOLD	ALUM/WOOD
23	#10 X 3/4" PH WOOD SCREW	STEEL
24	#10 X 1" PH WOOD SCREW	STEEL
25	#8 X 2-1/2" PH WOOD SCREW	STEEL
26	#10 X 1-1/2" PH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT SECURITY STRIKE PLATE	STEEL
29	4" X 4" HINGE	STEEL
40	DOOR PANEL [BOOK DOOR]	-
41	DOOR PANEL [HYBRID DOOR]	-
42	DOOR PANEL [UT DOOR]	-

- CONCRETE ANCHOR NOTES:
- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
 - Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
 - Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
ELCO	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	AS SHOWN	1-1/2"

WOOD SCREW INSTALLATION NOTES:

- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



PROFESSIONAL ENGINEER
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NO. 43409

Documents Prepared By: Lyndon F. Schmidt
 P.E. No. 43409
 April 27, 2020

BUILDING CONSULTANTS, P.C.
 P.O. Box 230, Vero Beach, FL 33565
 Phone No.: 813.659.9197
 FBPE Registry No. 9813

PRODUCT: THERMA-TRU FIBERGLASS DOOR
 PART OR ASSEMBLY:
 BILL OF MATERIALS

REVISIONS
 BY:

NO. DATE
 1 4/21/20
 SCALE: N.T.S.
 DWG. BY: RW
 CHK. BY: LFS
 DRAWING NO.: FL-23957.1
 SHEET 12 of 12

SILVER LINE BUILDING PRODUCTS

V1 SERIES/70 SERIES SINGLE-HUNG WINDOW

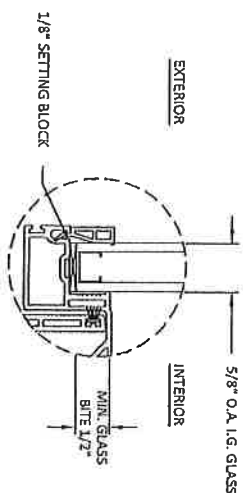
(2900/4900) (NON-IMPACT)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE 6TH EDITION (2017) FLORIDA BUILDING CODE (FBC), EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
* AIAA/WDMA/CSA 101/1.5.2/440-08/11
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING, AND METAL FRAMING AS A MAJOR WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER. ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
3. 1X AND 2X BLOCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED AS SPECIFIED HEREIN. REFER TO SHEET 6 FOR FURTHER DETAILS OF BLOCK 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 AREAS. IN HVHZ AREAS, ONE TIME PRODUCT APPROVAL TO BE OBTAINED FROM MIAMI-DADE RFR OR APL.
5. APPROVED IMPACT PROTECTIVE SYSTEMS IS REQUIRED ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. WINDOW FRAME MATERIAL: PVC
7. IN ACCORDANCE WITH THE 6TH EDITION FBC, WOOD COMPONENTS SHALL HAVE BEEN PRESERVATIVELY TREATED OR SHALL BE OF A DURABLE SPECIES AS DEFINED IN CHAPTER 23.
8. GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.

MAX OVERALL WIDTH	HEIGHT	CONFIG.	DESIGN PRESSURE (PSF)	MISSILE RATING
36"	84"	O/X	+35/-35	NON-IMPACT
38"	65"	O/X	+50/-50	NON-IMPACT
38"	77"	O/X	+35/-35	NON-IMPACT
38"	74"	O/X	+50/-50	NON-IMPACT
44"	62"	O/X	+20/-20	NON-IMPACT
48"	84"	O/X	+35/-35	NON-IMPACT
48"	72"	O/X	+25/-25	NON-IMPACT
36"	84"	O/X (ORIE)	+35/-35	NON-IMPACT
48"	96"	O/X (ORIE)	+20/-20	NON-IMPACT
72"	62"	OX-OX	+35/-35	NON-IMPACT
72"	84"	OX-OX	+25/-25	NON-IMPACT
72"	84"	OX-OX	+35/-35	NON-IMPACT
76"	77"	OX-OX	+50/-50	NON-IMPACT
76"	72"	OX-OX	+50/-50	NON-IMPACT
79"	60"	OX-OX	+35/-35	NON-IMPACT
80"	74"	OX-OX	+35/-35	NON-IMPACT
80"	74"	OX-OX	+30/-30	NON-IMPACT
108"	84"	O/X-O/X-O/X	+30/-30	NON-IMPACT
108"	62"	O/X-O/X-O/X	+25/-25	NON-IMPACT
108"	84"	O/X-O/X-O/X	+35/-35	NON-IMPACT
108"	72"	O/X-O/X-O/X	+50/-50	NON-IMPACT
108"	62"	O/X-O/X-O/X	+50/-50	NON-IMPACT

SHEET	REVISION	DESCRIPTION
1	-	INSTALLATION & GENERAL NOTES
2	-	ELEVATIONS & ANCHOR LAYOUTS
3	-	VERTICAL SECTION
4	-	HORIZONTAL SECTION
5	-	INSTALLATION NOTES, REINFORCEMENT AND ANCHOR DETAILS & ANCHOR SCHEDULE
6	-	



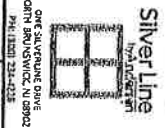
GLAZING DETAIL 1

NOTE:
ALL GLAZING CONFIGURATIONS SHALL COMPLY WITH SAFETY GLAZING REQUIREMENTS OUTLINED IN CURRENT FBC AND ASTM E 1300 GLASS LOAD RESISTANCE.

FL19715 DATE: 12.04.17 DWG. BY: LMS SCALE: NTS DWG. #: SWD002 SHEET: 1 OF 7		PREPARED BY: BUILDING DROPS, INC. 358 E. DANIEL BEACH BLVD., STE. 338 DANIEL BEACH, FL 33591 PH: (954) 399-0478 FAX: (954) 741-4736 WEB: www.buildingdrops.com	TITLE: V1 SERIES/70 SERIES SINGLE-HUNG WINDOW (2900/4900) (NON-IMPACT) INSTALLATION & GENERAL NOTES
REVISIONS: 1. BY DATE 2. BY DATE 3. BY DATE 4. BY DATE 5. BY DATE 6. BY DATE		REMARKS: 1. BY DATE 2. BY DATE 3. BY DATE 4. BY DATE 5. BY DATE 6. BY DATE	

Windows
1 of 7

is indoo
2 of 7



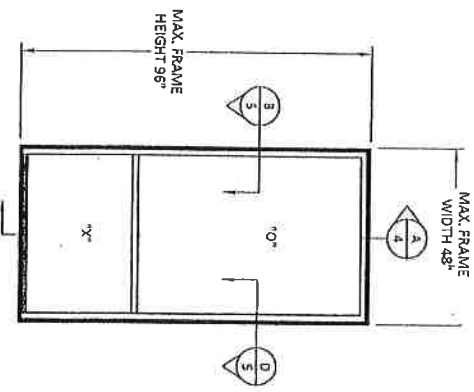
PREPARED BY:
BUILDING DROPS, INC.
190 E. DANA BEACH BLVD. - STE. 310
DANA BEACH, FL 31004
PH: (954) 559-0476
FAX: (954) 744-6730
WEB: www.bldgdrops.com

REMARKS	BY	DATE
BY DATE	LM	06/14/13

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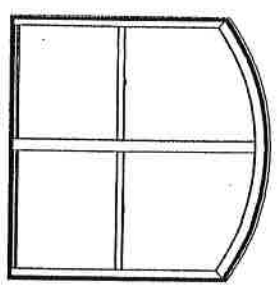
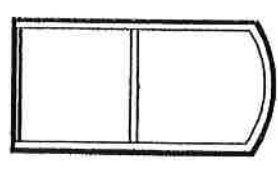


FL #:	FL19715
DATE:	12.04.17
DWG. BY:	LMS
SCALE:	NTS
DWG. #:	SWD002
SHEET:	2
	OF 7



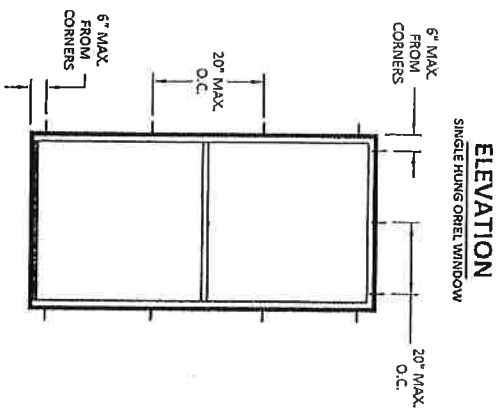
QUALIFIED CONFIGURATIONS

ARCH TOP CONFIGURATIONS FOR ALL 2901-4901 RATINGS, SINGLE UNIT CONFIGURATIONS



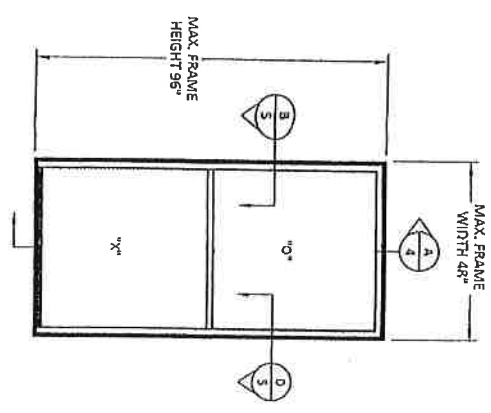
QUALIFIED CONFIGURATIONS

ARCH TOP CONFIGURATIONS FOR ALL 2902-4902 RATINGS, TWIN UNIT CONFIGURATIONS



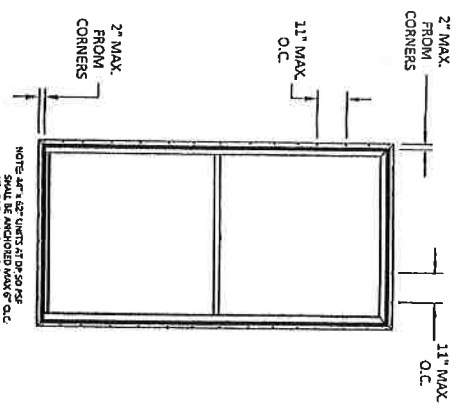
ANCHOR LAYOUT

THROUGH FRAME - SINGLE HUNG WINDOW



ELEVATION

SINGLE HUNG WINDOW

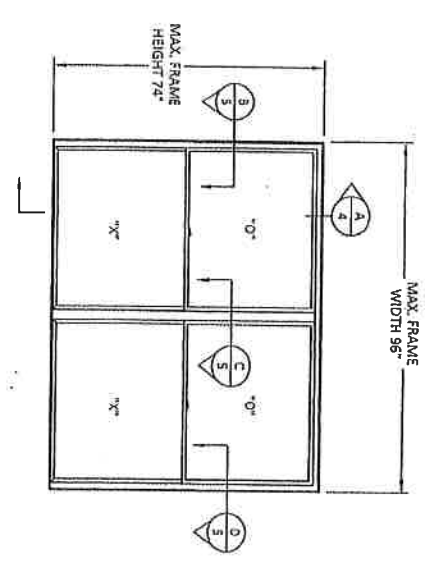


ANCHOR LAYOUT

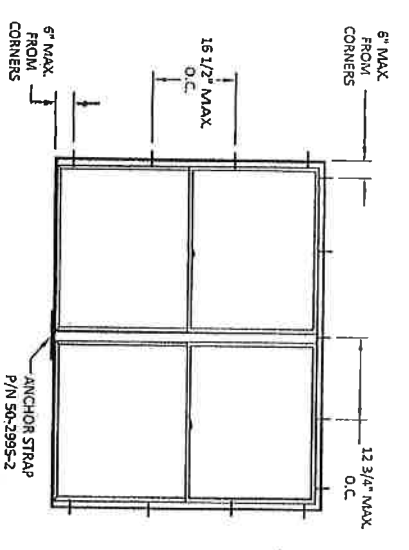
NAIL FIN - SINGLE HUNG WINDOW

NOTE: ALL 1/2" UNITS AT 29-50 PSF SHALL BE ANCHORED MAX 6" O.C. AT TOP, BOTTOM, AND SID.

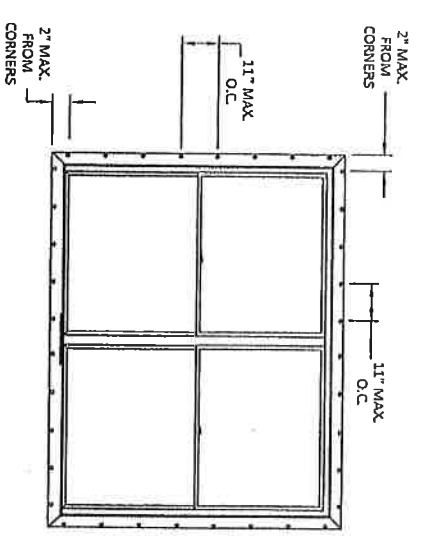
windows
3 of 7



ELEVATION
TWIN SINGLE HUNG WINDOW



ANCHOR LAYOUT
TWIN SINGLE HUNG WINDOW



ANCHOR LAYOUT
TWIN SINGLE HUNG WINDOW



ONE SILVERLINE DRIVE
NORTH BRUNSWICK, NJ 08902
PH: (800) 234-4278

TITLE:
V1 SERIES/70 SERIES SINGLE-HUNG
WINDOW (2900/4900) (NON-IMPACT)

ELEVATIONS & ANCHOR LAYOUTS

PREPARED BY:
BUILDING DROPS, INC.
392 E. DANIA BEACH BLVD., STE. 118
DANIA BEACH, FL 33004
PH: (954) 959-8478
FAX: (954) 959-8478
WEB: www.buidingdrops.com

REMARKS	BY	DATE
REV. 1.0	LM	06/14/17

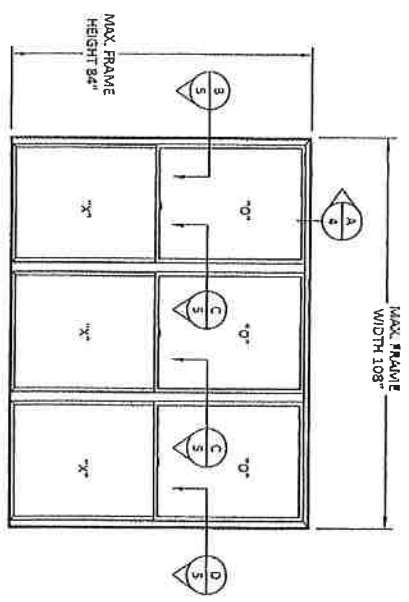
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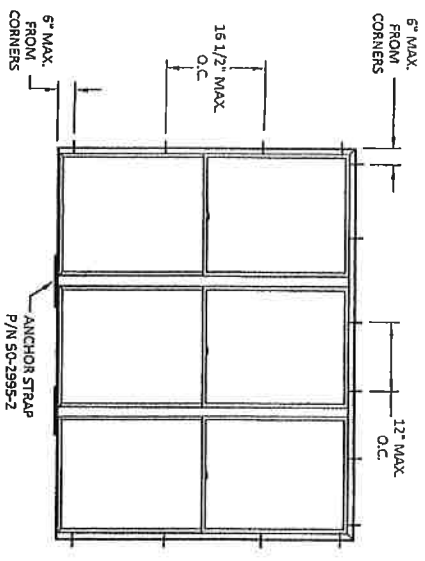
HERMES F. NO. 19715
REGISTERED PROFESSIONAL ENGINEER
STATE OF FLORIDA
392 E. DANIA BEACH BLVD., STE. 118
DANIA BEACH, FL 33004
PH: (954) 959-8478
FAX: (954) 959-8478
WEB: www.buidingdrops.com

FL #: FL19715
DATE: 12.04.17
DWG. BY: LMS
CHK. BY: HFN
SCALE: NTS
DWG. #: SWD002
SHEET: 3

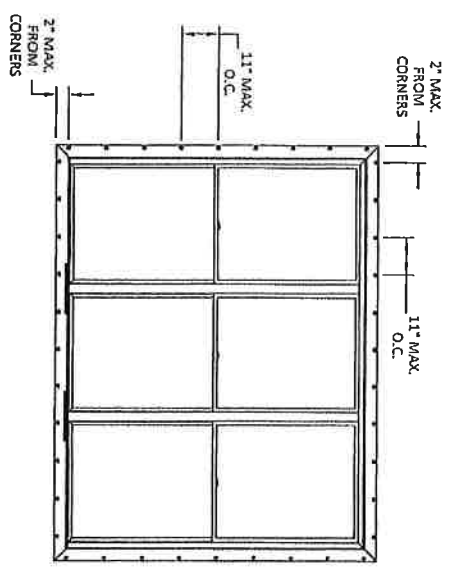
windows
4 of 4



ELEVATION
TRIPLE SINGLE HUNG WINDOW



ANCHOR LAYOUT
THROUGH FRAME - TRIPLE SINGLE HUNG WINDOW



ANCHOR LAYOUT
NAIL PIN - TRIPLE SINGLE HUNG WINDOW



Silver Line Windows
ONE EIGHT SEVEN NORTH BAYVIEW BLVD. SUITE 300
DADE COUNTY, FL 33104
TEL: (800) 334-4232

TITLE:
V1 SERIES/70 SERIES SINGLE-HUNG WINDOW (2900/4900) (NON-IMPACT)

ELEVATIONS & ANCHOR LAYOUTS

PREPARED BY:
BUILDING DROPS, INC.
398 L. DANA BEACH BLVD., STE. 310
DADE COUNTY, FL 33104
PH: (954) 999-8474
FAX: (954) 474-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
6TH FLOOR EDITION	LAM	10/14/17

HERMES E. NODDARO
REGISTERED PROFESSIONAL ENGINEER
STATE OF FLORIDA
FLORIDA ENGINEERING BOARD
NO. 10000
FLORIDA ENGINEERING BOARD
NO. 10000
FLORIDA ENGINEERING BOARD
NO. 10000

FL #:
FL19715

DATE:
12.04.17

DWG. BY:
LMS

CHK. BY:
HFN

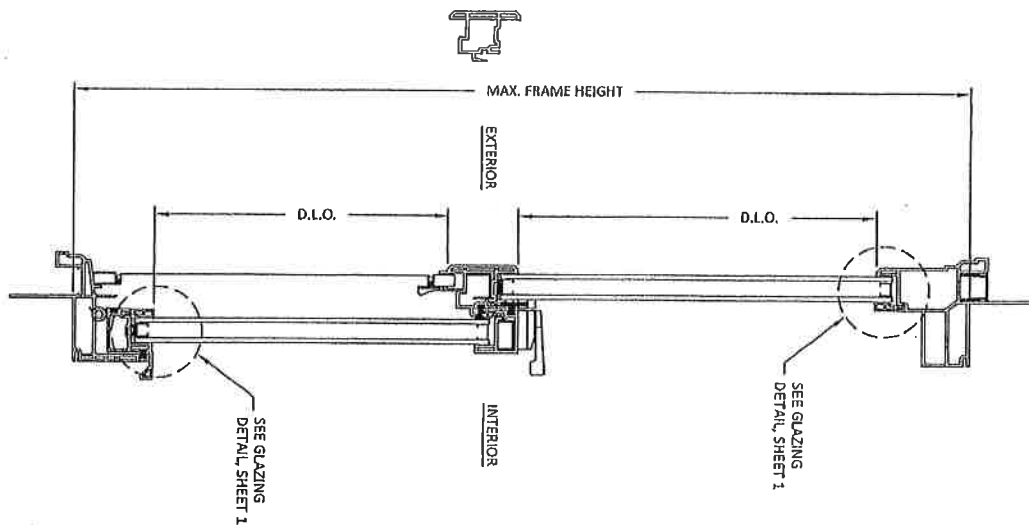
SCALE:
NTS

DWG. #:
SWD002

SHEET:
4

OF 7

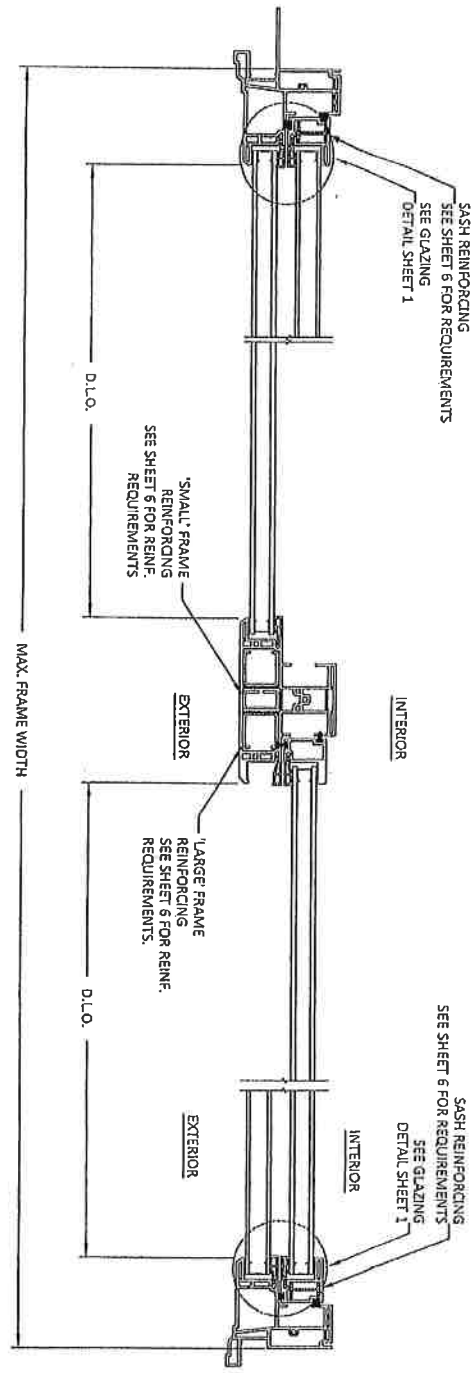
VERTICAL SECTION



Silver Line A Division of BUILDING DROPS, INC. ONE SILVERLINE DRIVE NORTH BAYSHAW, ALABAMA 36688 PH: (205) 334-4235		HERMES F. NOBREGA NOTARY PUBLIC STATE OF ALABAMA PROFESSIONAL ENGINEER 208 S. DAHA BEACH BLVD., STE. 208 DAHA BEACH, AL 36504 PH: (205) 334-4235	
FL #: FL19715 DATE: 12.04.17 DWG. BY: LMS CHK. BY: HFN SCALE: NTS DWG. #: SWD002 SHEET: 5		TITLE: V1 SERIES/70 SERIES SINGLE-HUNG WINDOW (2900/4900) (NON-IMPACT) VERTICAL & HORIZONTAL SECTIONS PREPARED BY: BUILDING DROPS, INC. 395 E. DAHA BEACH BLVD., STE. 238 DAHA BEACH, AL 36504 PH: (205) 334-4235 FAX: (205) 334-4235 WWW.BUILDINGDROPS.COM	
REMARKS: BY DATE 1/16/17 1/16/17		THIS DOCUMENT IS THE PROPERTY OF BUILDING DROPS, INC. IT IS TO BE USED ONLY FOR THE PROJECT AND NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT WRITTEN PERMISSION OF BUILDING DROPS, INC. ANY REUSE OF THIS DOCUMENT FOR ANY OTHER PROJECT OR FOR ANY OTHER PURPOSE IS STRICTLY PROHIBITED. VIOLATION OF THIS PROHIBITION WILL BE PROSECUTED.	

Windows
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Windows
6 of 7



B HORIZONTAL SECTION
FIXED JAMB

C HORIZONTAL SECTION
MULLION

D HORIZONTAL SECTION
FIXED JAMB

Silver Line
Windows

ONE SILVERLINE DRIVE
NORTH BUNNICK, NJ 08902
PH: (800) 334-4728

TITLE:
V1 SERIES/70 SERIES SINGLE-HUNG
WINDOW (2900/4900) (NON-IMPACT)
VERTICAL & HORIZONTAL
SECTIONS

PREPARED BY:
BUILDING DROPS, INC.
336 E. DINWIDDIE BLVD., 111, 338
DUNWOODY, GA 30115
PH: (770) 455-8478
FAX: (770) 455-8478
V10: www.kulldrop.com

REMARKS	BY	DATE
REV. SECTION	LM	06/14/17

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FL #:
FL19715

DATE: 12.04.17

DWG. BY: CHL BY: LMS HFN

SCALE: NTS

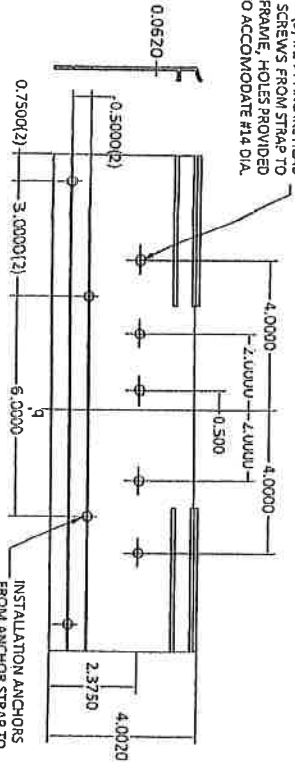
DWG. #: SWD002

SHEET: 6

OF 7

Windows
7 of 7

(5) #14 PANCAKE HEAD
SCREWS FROM STRAP TO
FRAME. HOLES PROVIDED
TO ACCOMMODATE #14 DIA.

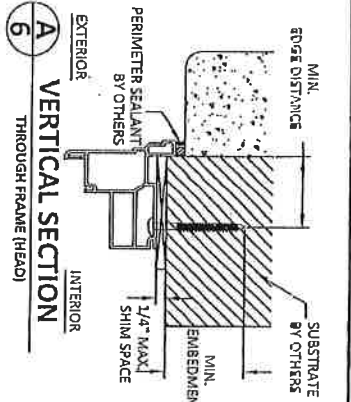


PLAN VIEW - ANCHOR STRAP (P/N 50-2995-2)

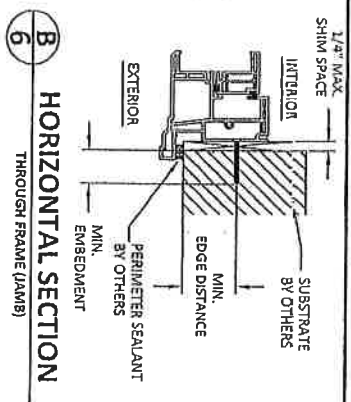
- ANCHOR STRAP ANCHORING REQUIREMENTS:**
- FOR INSTALLATION TO CONCRETE/MASONRY, USE (4) 3/16" TITW TAPCONS PER STRAP. MIN. 1-1/4" EMBEDMENT, MIN. 1-3/4" EDGE DISTANCE.
 - FOR INSTALLATION TO METAL STUD, USE (4) #10 SELF-DRILLING SCREWS, GR. 5, PER STRAP. MIN. 3 THREADS PENETRATION, MIN. 3/4" EDGE DISTANCE.
 - FOR INSTALLATION TO WOOD, USE (4) #10 WOOD SCREWS PER STRAP. MIN. 1-1/2" EMBEDMENT, MIN. 1" EDGE DISTANCE.

INSTALLATION NOTE:

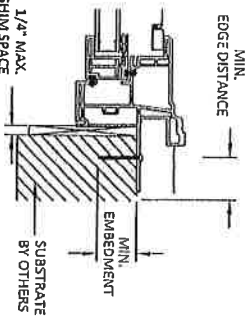
- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH THE DEPICTED LOCATION & SPACING IN THE ANCHOR LAYOUT DETAILS (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIMS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIMS SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SILING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS TO BEHIND MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM THE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHEL OF BLOCK.
- 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.



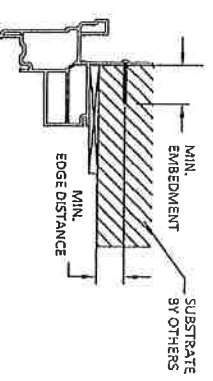
A VERTICAL SECTION
THROUGH FRAME (HEAD)



B HORIZONTAL SECTION
THROUGH FRAME (JAMB)



C HORIZONTAL SECTION
NAIL FIN (JAMB)



D VERTICAL SECTION
NAIL FIN (HEAD)

I - ALUMINUM SASH REINFORCING			
IS REQUIRED FOR THE FOLLOWING SIZE/RATINGS:			
• 48 X 72, (0/X), DESIGN PRESSURE +/- 35 PSF			
• 36 X 84, (0/X), DESIGN PRESSURE +/- 35 PSF			
• 36 X 74, (0/X), DESIGN PRESSURE +/- 35 PSF			
• 38 X 77, (0/X), DESIGN PRESSURE +/- 35 PSF			
• 72 X 84, (0/X-0/X), DESIGN PRESSURE +/- 35 PSF			
• 76 X 72, (0/X-0/X), DESIGN PRESSURE +/- 35 PSF			
• 108 X 84, (0/X-0/X-0/X), DESIGN PRESSURE +/- 50 PSF			
• 108 X 72, (0/X-0/X-0/X), DESIGN PRESSURE +/- 50 PSF			
J - STEEL INTERMEDIATE FRAME LARGE REINFORCING			
IS NOT REQUIRED FOR THE FOLLOWING SIZE/RATINGS:			
• 76 X 82, (0/X-0/X), DESIGN PRESSURE +/- 35 PSF			
K - STEEL INTERMEDIATE FRAME SMALL REINFORCING			
IS NOT REQUIRED FOR THE FOLLOWING SIZE/RATINGS:			
• 76 X 82, (0/X-0/X), DESIGN PRESSURE +/- 35 PSF			
L - STEEL INTERMEDIATE FRAME SMALL REINFORCING			
IS NOT REQUIRED FOR THE FOLLOWING SIZE/RATINGS:			
• 76 X 82, (0/X-0/X), DESIGN PRESSURE +/- 35 PSF			

METHOD	SUBSTRATE	ANCHOR SCHEDULE	MIN EMBEDMENT	MIN. EDGE DISTANCE
WOOD: MIN. SG = 0.55	WOOD: MIN. SG = 0.55	#10 WOOD SCREW FLAT HEAD	1.5"	0.75"
METAL: 18 GAUGE SHEET, MIN. FY = 33KSI	METAL: 18 GAUGE SHEET, MIN. FY = 33KSI	#10 TEK SCREW FLAT HEAD	3 THREADS MIN. PENETRATION BEYOND METAL	0.75"
CONCRETE: F-8000PSI	CONCRETE: F-8000PSI	3/16" TITW TAPCON FLAT HEAD	1.25"	1.75"
MASONRY: CMU PER ASTM C90 MIN. 2000 PSI	MASONRY: CMU PER ASTM C90 MIN. 2000 PSI	3/16" TITW TAPCON FLAT HEAD	1.25"	1.75"
WOOD: MIN. SG = 0.56	WOOD: MIN. SG = 0.56	#10 WOOD SCREW PAN HEAD	1.5"	0.75"
METAL: 18 GAUGE SHEET, MIN. FY = 33KSI	METAL: 18 GAUGE SHEET, MIN. FY = 33KSI	#10 TEK SCREW PAN HEAD	3 THREADS MIN. PENETRATION BEYOND METAL	0.75"
CONCRETE: F-8000PSI	CONCRETE: F-8000PSI	3/16" TITW TAPCON PAN HEAD	1.25"	1.75"
MASONRY: CMU PER ASTM C90 MIN. 2000 PSI	MASONRY: CMU PER ASTM C90 MIN. 2000 PSI	3/16" TITW TAPCON PAN HEAD	1.25"	1.75"
WOOD: MIN. SG = 0.56	WOOD: MIN. SG = 0.56	#8 WOOD SCREW	1.5"	0.75"
METAL: 18 GAUGE SHEET, MIN. FY = 33KSI	METAL: 18 GAUGE SHEET, MIN. FY = 33KSI	#8 TEK SCREW	3 THREADS MIN. PENETRATION BEYOND METAL	0.75"

Silver Line
WINDOW
MANUFACTURER

ONE SILVERLINE DRIVE
NORTH BEND, WI 53052
PH: 262.224.4238

TITLE:
V1 SERIES/70 SERIES SINGLE-HUNG
WINDOW (2900/4900) (NON-IMPACT)
INSTALLATION NOTES,
REINFORCEMENT AND ANCHOR
DETAILS & ANCHOR SCHEDULE

PREPARED BY:
BUILDING DROPS, INC.
338 C. DANA BLANCH BLVD. STE. 218
GAINESVILLE, FL 32609
PH: (813) 559-8578
FAX: (813) 517-1736
WEB: www.buildingdrops.com

REMARKS

DATE FOR EDITION

BY

DATE



FL19715

DATE: 12.04.17

DWG. BY: LMS

CHK. BY: HFN

SCALE: NTS

DWG. #: SWD002

SHEET: 7

OF 7

Florida Product Approval

Cemplank® Lap Siding

- For use inside HVHZ:
 - Cemplank Lap Siding fastener types, fastening schedule, and installation shall be in accordance with the Miami-Dade County Florida NOA 17-0406.06. Consult the Cemplank product installation instructions on the follow pages for all other installation requirements.

- For use outside of HVHZ,
 - Cemplank Lap Siding fastener types, fastening schedule, and installation shall be in accordance with Engineering Evaluation Reports RIO-2683-17, RIO-2687-17, or RIO-2688-17. Consult the Cemplank product installation instructions on the follow pages for all other installation requirements.



CEDAR • BEADED CEDAR • BEADED SMOOTH

IMPORTANT: FAILURE TO INSTALL AND FINISH THIS PRODUCT IN ACCORDANCE WITH APPLICABLE BUILDING CODES AND THE MANUFACTURER'S WRITTEN APPLICATION INSTRUCTIONS MAY LEAD TO PERSONAL INJURY, AFFECT SYSTEM PERFORMANCE, VIOLATE LOCAL BUILDING CODES, AND VOID THE PRODUCT ONLY WARRANTY.

STORAGE & HANDLING:

Store flat and keep dry and covered prior to installation. Installing product wet or saturated may result in shrinkage at butt joints. Carry product on edge. Protect edges and corners from breakage. Cemboard® is not responsible for damage caused by improper storage and handling of the product.



CUTTING INSTRUCTIONS*

OUTDOORS

1. Position cutting station so that wind will blow dust away from user and others in working area.
2. Use one of the following methods:
 - a. Best: i. Score and snap ii. Shears (manual, electric or pneumatic)
 - b. Better: Dust reducing circular saw

equipped with a HardieBlade® saw blade and vacuum dust extraction
c. Good: Circular saw with a HardieBlade saw blade (for low to moderate cutting volume)

* Shears and score/snap methods may not be suitable for products thicker than 1/2 in.

INDOORS

1. NEVER cut with power saws indoors
 2. Cut only using score and snap, or shears (manual, electric or pneumatic).
 3. Position cutting station in well-ventilated area
- NEVER dry sweep – Use wet suppression or Vacuum

NIOSH-approved respirators can be used in conjunction with above cutting practices to further reduce dust exposures. Additional exposure information is available at www.jameshardie.com to help you determine the most appropriate cutting method for your job requirements. If concern still exists about exposure levels or you do not comply with the above practices, you should always consult a qualified industrial hygienist or contact the manufacturer for further information. 50093155

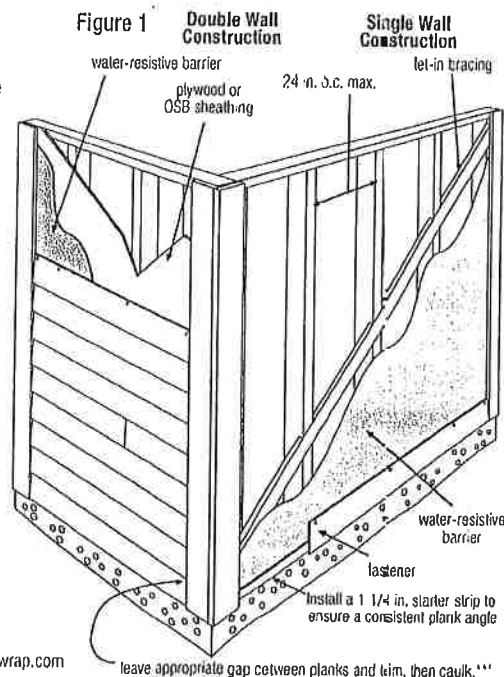
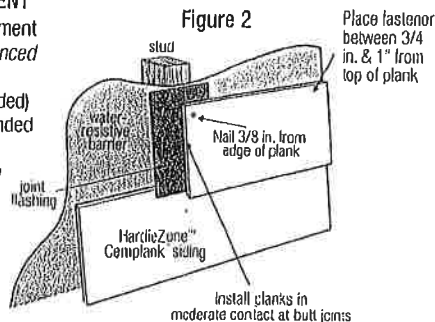
GENERAL REQUIREMENTS:

- Cemplank® lap siding can be installed over braced wood or steel studs spaced a maximum of 24 in. o.c. or directly to minimum 7/16 in. thick OSB sheathing. See general fastening requirements. Irregularities in framing and sheathing can mirror through the finished application.
- Information on installing Cemboard products over foam can be located in JH Tech Bulletin 19 at www.jameshardie.com
- A water-resistive barrier is required in accordance with local building code requirements. The water-resistive barrier must be appropriately installed with penetration and junction flashing in accordance with local building code requirements. Cemboard will assume no responsibility for water infiltration. James Hardie does manufacture HardieWrap® Weather Barrier, a non-woven non-perforated housewrap¹, which complies with building code requirements.
- When installing Cemboard products all clearance details in figs. 3-14 must be followed.
- Adjacent finished grade must slope away from the building in accordance with local building codes - typically a minimum of 6 in. in the first 10 ft..
- Do not use Cemplank lap siding in fascia or trim applications.
- Do not install Cemboard products, such that they may remain in contact with standing water.
- Cemplank lap siding may be installed on flat vertical wall applications only.
- For larger projects, including commercial and multi-family projects, where the span of the wall is significant in length, the designer and/or architect should take into consideration the coefficient of thermal expansion and moisture movement of the product in their design. These values can be found in the Technical Bulletin "Expansion Characteristics of Cemboard® Siding Products" at www.JamesHardie.com.
- DO NOT use stain, oil/alkyd base paint, or powder coating on Cemboard® Products.

INSTALLATION: JOINT TREATMENT

One or more of the following joint treatment options are required by code (as referenced 2009 IRC R703.10.2)

- A. Joint Flashing (Cemboard recommended)
- B. Caulking* (Caulking is not recommended for Factory Built Color for aesthetic reasons as the Caulking and Factory Built Color will weather differently. For the same reason, do not caulk nail heads on Factory Built Color products.)
- C. "H" jointer cover



*Refer to Caulking section in these instructions.

¹For additional information on HardieWrap® Weather Barrier, consult Cemboard at 1-866-4Hardie or www.hardiewrap.com

***DANGER: Do not breathe dust from this product. Respirable Crystalline Silica Dust causes damage to lungs and respiratory system through prolonged or repeated inhalation.**

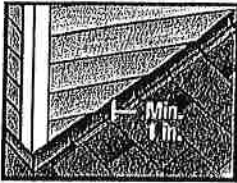
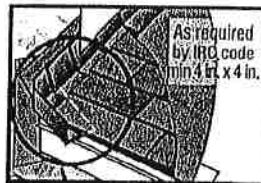
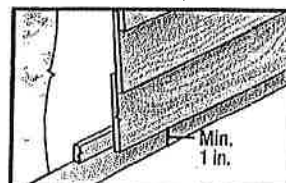
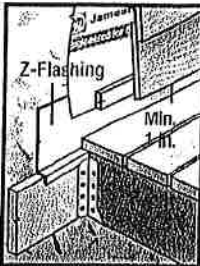
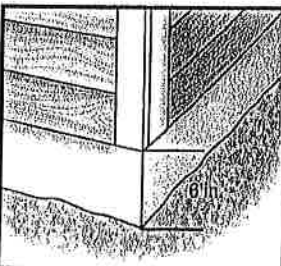
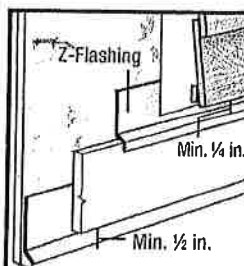
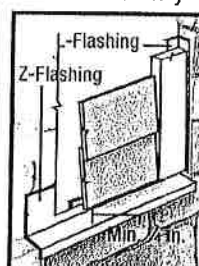
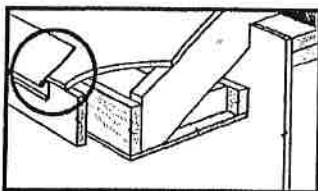
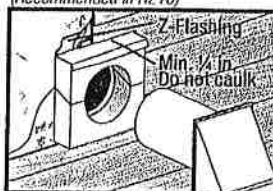
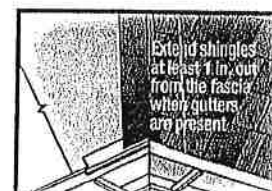
If this cement is not a health hazard when handled or stored in its original, unopened condition, the hazard associated with fiber cement arises from crystalline silica present in the dust generated by activities such as cutting, sawing, drilling, routing, sawing, covering, or otherwise abrading fiber cement, and when cleaning up, disposing of or moving the dust. When doing any of these activities in a manner that generates dust (1) follow dust control instructions and best practices to reduce or limit the release of dust; (2) wear filters in the area to avoid the dust; (3) when using mechanical saw or high speed cutting tools work outdoors and, if dust collection equipment and (4) if no other dust controls are available, wear a NIOSH-approved dust mask or respirator (e.g., the N 95 dust mask).

Refer to the product Safety Data Sheet before use. Do not handle product until all safety precautions have been read and understood. Wash hands and face thoroughly after handling. If exposed to dust or concerned, get medical advice. If shortness of breath or other health concerns develop after exposure to dust from this product, seek medical attention. Dispose of product in accordance with local, state and federal regulations. If there are no applicable regulations, dispose of in a secure landfill in a way that will not expose others to dust.

WARNING: This product contains a chemical known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov/product.

For more information contact: James Hardie Building Products, Inc., 231 S. LaSalle St., Suite 2000, Chicago, IL 60604 USA 1-888 JHARDIE www.jameshardie.com www.jhsafesite.com

CLEARANCE AND FLASHING REQUIREMENTS

Figure 3
Roof to WallFigure 4
Horizontal FlashingFigure 5
Kickout FlashingFigure 6
Slabs, Path, Steps to SidingFigure 7
Deck to WallFigure 8
Ground to SidingFigure 9
Gutter to SidingFigure 10
Sheltered AreasFigure 11
Mortar/MasonryFigure 12
Drip EdgeFigure 13
Block Penetration
(Recommended in H210)Figure 14
Valley/Shingle Extension

FASTENER REQUIREMENTS ** (Please refer to the applicable ESR report online to determine which fastener meets your wind load design criteria) Blind Nailing is the preferred method of installation for Complank® lap siding products. Face nailing should only be used where required by code for high wind areas and must not be used in conjunction with Blind nailing (Please see JH Tech bulletin 17 for exemption when doing a repair). **Pin-backed corners may be done for aesthetic purposes Only. Pin-backs shall be done with finish nails only, and are not a substitute for blind or face nailing.**

BLIND NAILING**Nails - Wood Framing**

- Siding nail (0.09 in. shank x 0.221 in. HD x 2 in. long)
- 11ga. roofing nail (0.121 in. shank x 0.371 in. HD x 1.25 in. long)

Screws - Steel Framing

- Ribbed Wafer-head or equivalent (No. 8 x 1 1/4 in. long x 0.375 in. HD) Screws must penetrate 3 threads into metal framing.

Nails - Steel Framing

- ET & F Panelfast® nails or equivalent (0.10 in. shank x 0.313 in. HD x 1-1/2 in. long) Nails must penetrate minimum 1/4 in. into metal framing.

OSB minimum 7/16 in.

- 11ga. roofing nail (0.121 in. shank x 0.371 in. HD x 1.75 in. long)
- Ribbed Wafer-head or equivalent (No. 8 x 1 5/8 in. long x 0.375 in. HD).

FACE NAILING**Nails - Wood Framing**

- 6d (0.113 in. shank x 0.267 in. HD x 2 in. long)
- Siding nail (0.09 in. shank x 0.221 in. HD x 2 in. long)

Screws - Steel Framing

- Ribbed Bugle-head or equivalent (No. 8-18 x 1-5/8 in. long x 0.323 in. HD) Screws must penetrate 3 threads into metal framing.

Nails - Steel Framing

- ET & F pin or equivalent (0.10 in. shank x 0.25 in. HD x 1-1/2 in. long) Nails must penetrate minimum 1/4 in. into metal framing.

OSB minimum 7/16 in.

- Siding nail (0.09 in. shank x 0.221 in. HD x 1-1/2 in. long)*

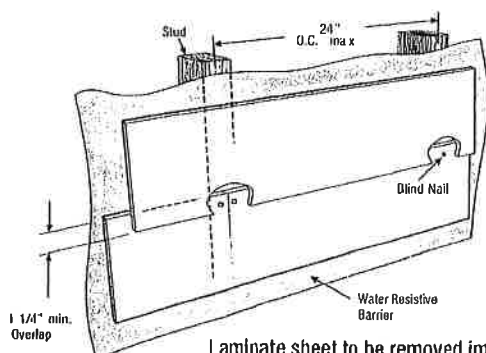


Figure 15

Minimum overlap
for Both Face
and Blind Nailing

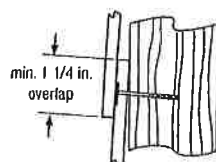
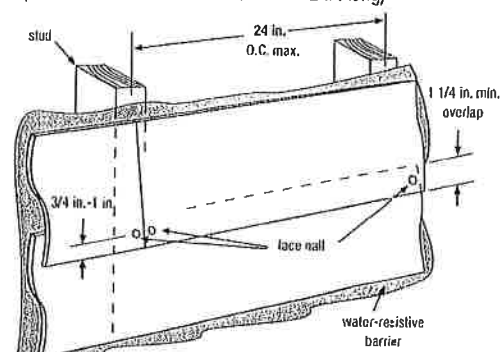


Figure 16



Laminate sheet to be removed immediately after installation of each course for ColorPlus® products.

* When face nailing to OSB, planks must be no greater than 9 1/4 in. wide and fasteners must be 12 in. o.c. or less.

** Also see General Fastening Requirements; and when considering alternative fastening options refer to Technical Bulletin USTB 17 - Fastening Tips for Complank® Lap Siding.

GENERAL FASTENING REQUIREMENTS

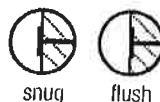
Fasteners must be corrosion resistant, galvanized, or stainless steel. Electro-galvanized are acceptable but may exhibit premature corrosion. Cemboard recommends the use of quality, hot-dipped galvanized nails. Cemboard is not responsible for the corrosion resistance of fasteners. Stainless steel fasteners are recommended when installing Cemboard® products near the ocean, large bodies of water, or in very humid climates.

Manufacturers of ACQ and CA preservative-treated wood recommend spacer materials or other physical barriers to prevent direct contact of ACQ or CA preservative-treated wood and aluminum products. Fasteners used to attach HardieTrim Tabs to preservative-treated wood shall be of hot dipped zinc-coated galvanized steel or stainless steel and in accordance to 2009 IRC R317.3 or 2009 IBC 2304.9.5.

- Consult applicable product evaluation or listing for correct fasteners type and placement to achieve specified design wind loads.
- NOTE: Published wind loads may not be applicable to all areas where Local Building Codes have specific jurisdiction. Consult Cemboard Technical Services if you are unsure of applicable compliance documentation.
- Drive fasteners perpendicular to siding and framing.
- Fastener heads should fit snug against siding (no air space). (fig. A)
- Do not over-drive nail heads or drive nails at an angle.
- If nail is countersunk, fill nail hole and add a nail. (fig. B)
- For wood framing, under driven nails should be hit flush with a hammer (For steel framing, remove and replace nail).
- Do not use aluminum fasteners, staples, or clipped head nails.

PNEUMATIC FASTENING

Cemboard products can be hand nailed or fastened with a pneumatic tool. Pneumatic fastening is highly recommended. Set air pressure so that the fastener is driven snug with the surface of the siding. A flush mount attachment on the pneumatic tool is recommended. This will help control the depth the nail is driven. If setting the nail depth proves difficult, choose a setting that under drives the nail. (Drive under driven nails snug with a smooth faced hammer - Does not apply for installation to steel framing).



snug

flush

Figure A

countersunk,
fill & add nail

Figure B

DO NOT
under drive nailsDO NOT
staple

PAINTING

DO NOT use stain, oil/alkyd base paint, or powder coating on Cemboard® Products. Cemboard products must be painted within 180 days for primed product and 90 days for unprimed. 100% acrylic topcoats are recommended. Do not paint when wet. For application rates refer to paint manufacturers specifications. Back-rolling is recommended if the siding is sprayed.

CUT EDGE TREATMENT

Caulk, paint or prime all field cut edges.

CAULKING

For best results use an Elastomeric Joint Sealant complying with ASTM C920 Grade NS, Class 25 or higher or a Latex Joint Sealant complying with ASTM C834. Caulking/Sealant must be applied in accordance with the caulking/sealant manufacturer's written instructions. **Note: Some caulking manufacturers do not allow tooling.**

FACTORY BUILT COLOR CAULKING, TOUCH-UP & LAMINATE

- Care should be taken when handling and cutting Cemboard® Factory Built Color products. During installation use a wet soft cloth or soft brush to gently wipe off any residue or construction dust left on the product, then rinse with a garden hose.
- Touch up nicks, scrapes and nail heads using the Factory Built Color touch-up applicator. Touch-up should be used sparingly. If large areas require touch-up, replace the damaged area with new Cemboard® lap siding with Factory Built Color.
- Laminate sheet must be removed immediately after installation of each course.
- Terminate non-factory cut edges into trim where possible, and caulk. Color matched caulks are available from your Factory Built Color product dealer.
- Treat all other non-factory cut edges using the Factory Built Color edge coat, available from your Factory Built Color product dealer.

Note: Cemboard does not warrant the usage of third party touch-up or paints used as touch-up on Cemboard Factory Built Color products.

Problems with appearance or performance arising from use of third party touch-up paints or paints used as touch-up that are not Cemboard touch-up will not be covered under the Cemboard Factory Built Color Limited Finish Warranty.

RE-PAINTING CEMBOARD® SIDING AND TRIM PRODUCTS WITH FACTORY BUILT COLOR

When repainting Factory Built Color products, Cemboard recommends the following regarding surface preparation and topcoat application:

- Ensure the surface is clean, dry, and free of any dust, dirt, or mildew
- Repriming is normally not necessary
- 100% acrylic topcoats are recommended
- Apply finish coat in accordance with paint manufacturers written instructions regarding coverage, application methods, and application temperature

Siding
E of S

South

COVERAGE CHART/ESTIMATING GUIDE

Number of 12 ft. planks, does not include waste

COVERAGE AREA LESS OPENINGS

CEMBOARD® LAP SIDING WIDTH

SQ (1 SQ = 100 sq.ft.)	(exposure)	5 1/4 4	6 1/4 5	7 1/4 6	7 1/2 6 1/4	8 6.3/4	8 1/4 7	9 1/4 8	9 1/2 8 1/4	12 10 3/4
1		25	20	17	16	15	14	13	13	9
2		50	40	33	32	30	29	25	25	19
3		75	60	50	48	44	43	38	38	28
4		100	80	67	64	59	57	50	50	37
5		125	100	83	80	74	71	63	63	47
6		150	120	100	96	89	86	75	75	56
7		175	140	117	112	104	100	88	88	65
8		200	160	133	128	119	114	100	100	74
9		225	180	150	144	133	129	113	113	84
10		250	200	167	160	148	143	125	125	93
11		275	220	183	176	163	157	138	138	102
12		300	240	200	192	178	171	150	150	112
13		325	260	217	208	193	186	163	163	121
14		350	280	233	224	207	200	175	175	130
15		375	300	250	240	222	214	188	188	140
16		400	320	267	256	237	229	200	200	149
17		425	340	283	272	252	243	213	213	158
18		450	360	300	288	267	257	225	225	167
19		475	380	317	304	281	271	238	238	177
20		500	400	333	320	296	286	250	250	186

This coverage chart is meant as a guide. Actual usage is subject to variables such as building design. Cemboard does not assume responsibility for over or under ordering of product.

RECOGNITION: In accordance with ICC-ES Evaluation Report ESR-2290, Cemboard® lap siding is recognized as a suitable alternate to that specified in: the 2006, 2009, & 2012 International Residential Code for One- and Two-Family Dwellings, and the 2006, 2009, & 2012 International Building Code. Cemboard lap siding is also recognized for application in the following: City of Los Angeles Research Report No. 24862, State of Florida listing FL#889, Dade County, Florida NOA No. 02-0729.02, U.S. Dept. of HUD Materials Release 1263c, Texas Department of Insurance Product Evaluation EC-23, City of New York MEA 223-93-M, and California DSA PA-019. These documents should also be consulted for additional information concerning the suitability of this product for specific applications.

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Additional Installation Information,
Warranties, and Warnings are available at
www.cemboardsiding.com



KAYCAN BUILDING PRODUCTS
SP-600 16" ALUMINUM SOFFIT - VENTED
INSTALLATION ANCHORAGE DETAILS

BILL OF MATERIALS

ITEM	DESCRIPTION	MATERIAL
1	SP-600 16" VENTED SOFFIT	ALUM. 3004-H19
2	F-CHANNEL	ALUMINUM
3	6" FASICA	ALUMINUM
4	0.12" DIAMETER x 1-1/2" LONG ROOFING NAIL WITH 3/8" DIA. HEAD. USED TO ATTACH SOFFIT TO BATTEN	STEEL
5	#8 x 3" WOOD SCREW OR #8 x 3" TAPPING SCREW. USED TO ATTACH BATTEN TO WOOD STRUCTURE	STEEL
6	2" x 2" WOOD BATTEN	WOOD

TABLE OF CONTENT

SHEET	DESCRIPTION
1	GENERAL AND INSTALLATION NOTES, B.O.M. AND D.P. CHART
2	APPROVED SOFFIT PROFILE AND COMPONENTS
3	SOFFIT INSTALLATION AND CROSS SECTION
4	SOFFIT INSTALLATION SECTION

DESIGN PRESSURE (PSF) RATING

SOFFIT MODEL	DESIGN PRESSURE (PSF)
SP-600 16" ALUM. VENTED SOFFIT W/F-CHANNEL	+55.0PSF/-35.0psf

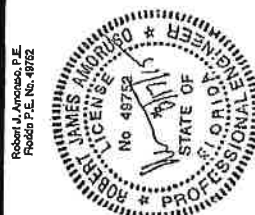
6. ALL FASTENERS SHALL HAVE CORROSION RESISTANT COATINGS OR BE MADE OF CORROSION RESISTANT MATERIALS COMPATIBLE WITH THE SUBSTRATE MATERIALS.

3.1.1 MATERIAL: ALUMINUM
3.1.2 WALL THICKNESS: 0.022"
3.2. FASCIA
3.2.1 MATERIAL: ALUMINUM
3.2.2 WALL THICKNESS: 0.022"

PRODUCT RENEWED
in compliance with the Florida
Building Code
Acceptance No. 15-1021.01
Expiration Date 06/10/2012
By [Signature]
Inspector/District Project Control

KAYCAN BUILDING PRODUCTS		PROJECT #444-0802	
1 MEMORIAL DRIVE			
RICHFORD, VT 05476			
S-P-600 16" ALUMINUM SOFT - VENTED			
GENERAL NOTES, B.O.M. AND D.P. CHART			
			
DATE	DESCRIPTION	REV	
3/17/15	UP DATE TO THE 6TH (2014) EDITION OF THE PLAN	2	
3/18/12	PER FINAL FROM ODE	1	
	MADE HIS DINGS		
DATE	DESCRIPTION	REV	
3/18/12	UP DATE TO THE 6TH (2014) EDITION OF THE PLAN	2	
3/18/12	PER FINAL FROM ODE	1	
	MADE HIS DINGS		

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 15-0612.15
Expiration Date 06/01/2016
By [Signature]
Miami Dade Product Control



1 SP-600 16" VENTED SOFFIT
ALUMINUM 3004-H19 0.015" THICK

2 F-CHANNEL
ALUMINUM 0.022" THICK

3 6" FASCIA
ALUMINUM 0.022" THICK

6 BATTEN
WOOD

21 1/2" MAX. PANEL LENGTH

0.045"

0.381" x 0.015" EMBOSS

0.335"

0.251"

5.294"

16.515"

5.125"

4.272"

0.861"

1.102"

0.375"

1.102"

1.25"

0.4"

1.84"

0.375"

0.12"

16.515"

1.102"

1.25"

0.4"

1.84"

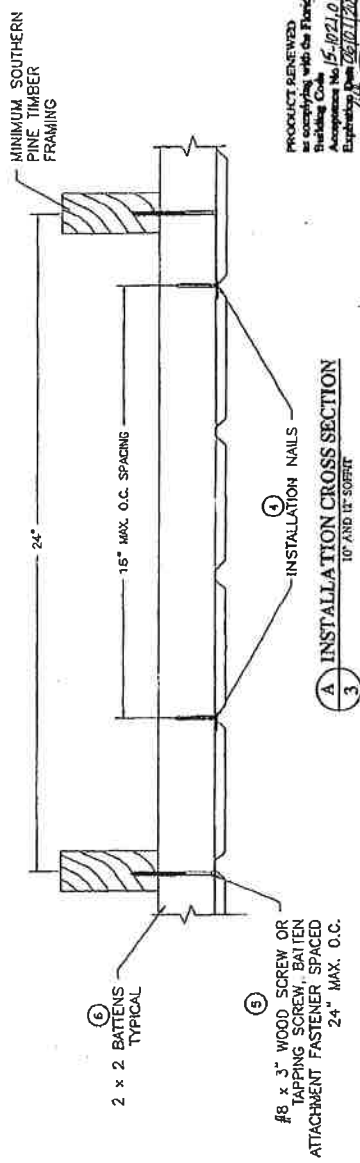
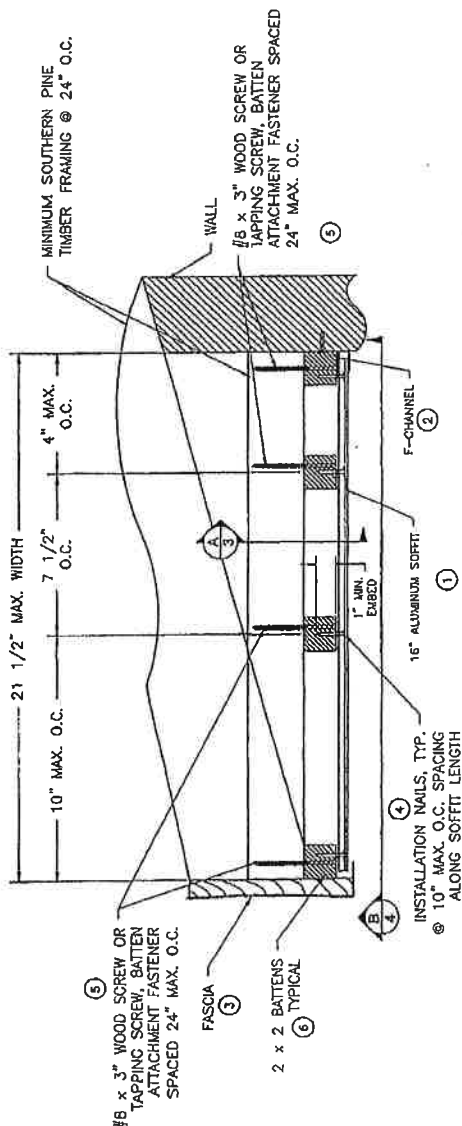
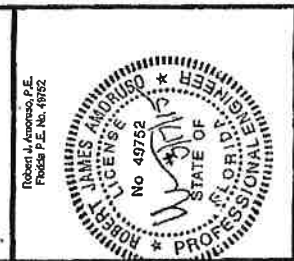
0.375"

0.12"

3 of 4
soffit

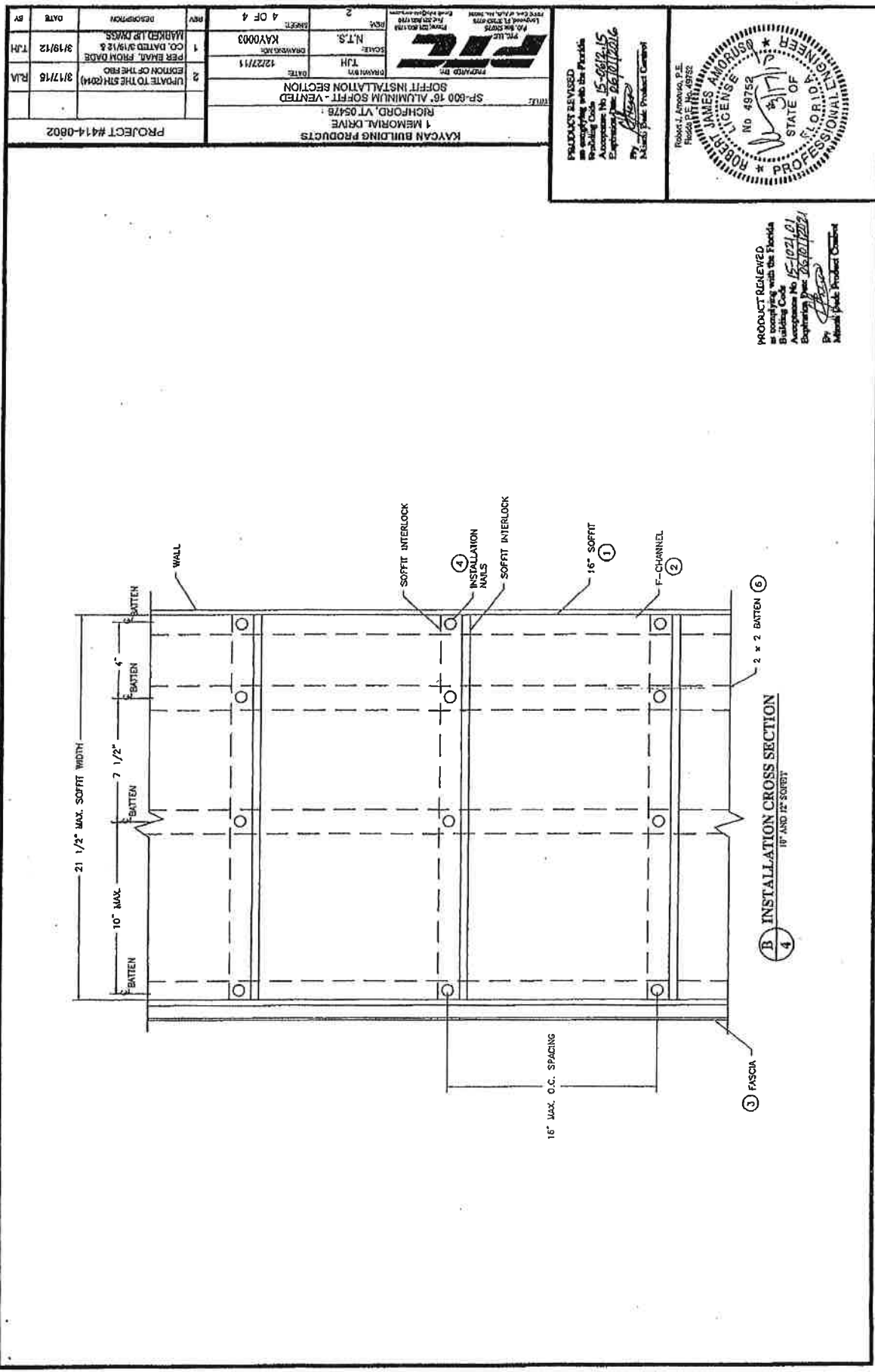
PROJECT #414-0802		KAYCAN BUILDING PRODUCTS		SP-600 16" ALUMINUM SOFFIT - VENTED		RICHMOND, VT 05476		1 MEMORIAL DRIVE		DATE		12/27/11		DRAWN BY		N.T.S.		REV.		2		3 OF 4	
UPDATE TO THE SHEET (2014)		PER ERMAL FROM DATE		CO. DATED 3/19/12		MARKED UP DWGS.		DATE		3/17/15		TJM		BY		DATE		3/19/12		TJM		BY	

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 15-1021.01
Expiry Date 06/01/2016
By: [Signature]
Michael J. Amoretti, P.E.
Professional Engineer



PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 15-1021.01
Expiry Date 06/01/2016
By: [Signature]
Michael J. Amoretti, P.E.
Professional Engineer

4 of 4
soffit



PROJECT #414-0802		KAYCAN BUILDING PRODUCTS	
1 MEMORIAL DRIVE		SP-800 16" ALUMINUM SOFFIT - VENTED	
RICHMOND, VT 05478		SOFFIT INSTALLATION SECTION	
DATE: 12/27/11		DRAWN BY: TJH	
CHECKED BY: N.T.S.		SCALE: N.T.S.	
INSET: KAY0003		REV: 4 OF 4	
REV	DESCRIPTION	DATE	BY
1	PER BUAL FROM DATE CO. DATED 3/19/12 & MARKED L.P. DWSS.	3/19/12	TJH
2	UPDATE TO THE 5TH (2014) EDITION OF THE FBD	3/17/16	RJA

PRODUCT REVIEWED
 in compliance with the Florida Building Code
 Acceptance No. 15-067-15
 Expiration Date 06/10/2016
 By: [Signature]
 Robert James Amodeo, P.E.

FLORIDA PROFESSIONAL ENGINEER
 STATE OF FLORIDA
 LICENSE NO. 49752
 ROBERT JAMES AMODEO, P.E.
 Florida P.E. No. 49752

PRODUCT RENEWED
 in compliance with the Florida Building Code
 Acceptance No. 15-1021-01
 Expiration Date 06/10/2021
 By: [Signature]
 Robert James Amodeo, P.E.



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Product Approval
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > [Application Detail](#)



FL #	FL7006-R10										
Application Type	Revision										
Code Version	2017										
Application Status	Approved										
*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.											
Comments											
Archived	☐										
Product Manufacturer	IKO Industries, Ltd										
Address/Phone/Email	40 Hansen Road South Brampton, ON L6W 3H4 (708) 496-2800 Ext 200 rmetz001@tampabay.rr.com										
Authorized Signature	Robert Metz rmetz001@tampabay.rr.com										
Technical Representative	Bob Metz										
Address/Phone/Email	RESCO of Pinellas 456 Avila Circle NE Saint Petersburg, FL 33703 (727) 776-5261 rmetz001@tampabay.rr.com										
Quality Assurance Representative	Don Shaw										
Address/Phone/Email	IKO Industries LTD 120 Hay Rd. Wilmington, DE 19808 (717) 579-6706 don.shaw@iko.com										
Category	Roofing										
Subcategory	Asphalt Shingles										
Compliance Method	Certification Mark or Listing										
Certification Agency	FM Approvals - CER										
Validated By	Locke Bowden ☒ Validation Checklist - Hardcopy Received										
Referenced Standard and Year (of Standard)	<table border="0"> <thead> <tr> <th><u>Standard</u></th> <th><u>Year</u></th> </tr> </thead> <tbody> <tr> <td>ASTM D3161 modified to 110 mph</td> <td>2016</td> </tr> <tr> <td>ASTM D3462</td> <td>2010</td> </tr> <tr> <td>ASTM D7158 Class H</td> <td>2011</td> </tr> <tr> <td>ASTM E108</td> <td>2011</td> </tr> </tbody> </table>	<u>Standard</u>	<u>Year</u>	ASTM D3161 modified to 110 mph	2016	ASTM D3462	2010	ASTM D7158 Class H	2011	ASTM E108	2011
<u>Standard</u>	<u>Year</u>										
ASTM D3161 modified to 110 mph	2016										
ASTM D3462	2010										
ASTM D7158 Class H	2011										
ASTM E108	2011										
Equivalence of Product Standards											
Certified By											

Product Approval Method

Method 1 Option A

Date Submitted

10/08/2017

Date Validated

10/30/2017

Date Pending FBC Approval

Date Approved

11/01/2017

Summary of Products

FL #	Model, Number or Name	Description
7006.1	Cambridge, Cambridge HD, Biltmore and Biltmore HD	Laminated architectural fiberglass asphalt shingle manufactured at IKO's Kankakee, IL; Hawkesbury, Ont.; Wilmington, DE; Sylacauga, AL and Toronto, Ont. plants
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:		Certification Agency Certificate FL7006 R10 C CAC Letter - ASTM D3161 letter - (9-26-2017) from FM.pdf FL7006 R10 C CAC Letter - ASTM D3462 letter - (9-26-2017).pdf FL7006 R10 C CAC Letter - ASTM E108 letter - (9-26-2017).pdf Quality Assurance Contract Expiration Date 12/31/2020 Installation Instructions FL7006 R10 II IKO-187-02-01 Letter - Installation Instructions for FBC FL7006.pdf Verified By: Duc T Nguyen 65034 Created by Independent Third Party: No Evaluation Reports Created by Independent Third Party:
7006.2	Hip and Ridge 12 Cap	This is a 12" x 12" fiberglass asphalt shingle used to cover the hip and/or ridge of an asphalt shingle roof system manufactured at IKO's Kankakee, IL, Toronto, Ont. and Brampton, Ontario plants.
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:		Certification Agency Certificate FL7006 R10 C CAC ASTM D 3462 - Shingle letter Surveillance Audit Location - (6-28-2017).pdf FL7006 R10 C CAC Letter - ASTM D3161 letter - (9-26-2017) from FM.pdf FL7006 R10 C CAC Letter - ASTM D3462 letter - (9-26-2017).pdf FL7006 R10 C CAC Letter - ASTM E108 letter - (9-26-2017).pdf Quality Assurance Contract Expiration Date 12/31/2020 Installation Instructions FL7006 R10 II Hip and Ridge Cap Shingle Installation Instructions.pdf FL7006 R10 II IKO-187-02-01 Letter - Installation Instructions for FBC FL7006.pdf Verified By: Duc T Nguyen PE 65034 Created by Independent Third Party: No Evaluation Reports Created by Independent Third Party:
7006.3	Leading Edge Plus Asphalt Shingle Starter Strip	One piece fiberglass asphalt shingle used as a starter strip at the bottom of a roof system manufactured in Brampton and Hawkesbury, Ontario plants
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:		Certification Agency Certificate FL7006 R10 C CAC Letter - ASTM D3161 letter - (9-26-2017) from FM.pdf FL7006 R10 C CAC Letter - ASTM D3462 letter - (9-26-2017).pdf FL7006 R10 C CAC Letter - ASTM E108 letter - (9-26-2017).pdf Quality Assurance Contract Expiration Date 12/31/2020 Installation Instructions FL7006 R10 II IKO-187-02-01 Letter - Installation Instructions for FBC FL7006.pdf FL7006 R10 II Roofing-Products-Leading-Edge-Plus-Application-EN(1).pdf Verified By: Duc T Nguyen PE 65034 Created by Independent Third Party: No Evaluation Reports Created by Independent Third Party:

7006.4	Marathon Plus AR, Superglass Plus AR	3 tab fiberglass asphalt shingle manufactured at IKO's Brampton, Ontario, Hawkesbury Ont., Toronto, Ont.; Sylacauga, AL and Kanakakee, IL plants
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other:		Certification Agency Certificate FL7006 R10 C CAC Letter - ASTM D3161 letter - (9-26-2017) from FM.pdf FL7006 R10 C CAC Letter - ASTM D3462 letter - (9-26-2017).pdf FL7006 R10 C CAC Letter - ASTM E108 letter - (9-26-2017).pdf Quality Assurance Contract Expiration Date 12/20/2020 Installation Instructions FL7006 R10 II IKO-187-02-01 Letter - Installation Instructions for FBC FL7006.pdf Verified By: Duc T Nguyen 65034 Created by Independent Third Party: No Evaluation Reports Created by Independent Third Party:

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Product Approval Accepts:



Credit Card
Safe





Edwin Dix <edwin.dix@gmail.com>

Shingles and vent product approval info

Randall Smith <Randall.Smith@abcsupply.com>

Mon, Jul 30, 2018 at 9:17 AM

To: Edwin Dix <edwin.dix@gmail.com>, Samuel <samlbyrd@aol.com>

IKO Cambridge Shingles: FL# 7006

Cobra 3 Ridge Vent: FL# 6267-R2

Alum On ridge Vent: FL# 21580.3

Randall Smith

Outside Sales, ABC Supply Co.

Randall.Smith@abcsupply.com

(352)275-1683



From: Edwin Dix [mailto:edwin.dix@gmail.com]

Sent: Monday, July 30, 2018 7:54 AM

To: Randall Smith <Randall.Smith@abcsupply.com>; Samuel <samlbyrd@aol.com>

Subject: Shingles and vent product approval info

Randy please reply all this info

Siding

Soffit

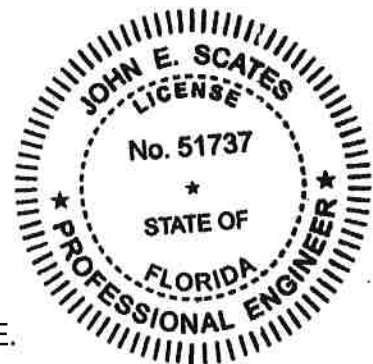
Shingles -

The Genuine. The Original.



Jamb Connection Supplement

Fastener allowable loads comply with:
ACI 318-14 (and prior versions)
AWC NDS-2018 (and prior versions)



Digitally signed by John E. Scates P.E.
Date: 2020.03.07 14:57:58 -06'00'

This document provides a series of connection schedules and basic detailing concepts for the connection of garage door jambs to building frames with the use of various fasteners. DASMA Technical Data Sheet TDS-161 may be used as an alternate to this document.

SCHEDULE 1
5/16" DIAMETER LAG SCREWS

LOAD PER JAMB (LB/FT) ^{NOTE 3}	MAXIMUM SPACING OF LAG SCREWS PER JAMB (IN)		
	MAIN SUPPORT MEMBER SPECIES		
	SYP SPECIFIC GRAVITY - 0.55	DOUGLAS FIR SPECIFIC GRAVITY - 0.46	SPF SPECIFIC GRAVITY - 0.42
100	24	24	24
120	24	24	24
140	24	24	24
160	24	24	24
180	24	24	24
200	24	24	24
220	24	24	22
240	24	24	20
260	24	22	19
280	24	20	17
300	24	19	16
320	22	18	15
340	21	16	14
360	20	16	13
380	19	15	13
400	18	14	12
420	17	13	11
440	16	13	11
460	15	12	10
480	15	12	10
500	14	11	10
520	14	11	9
540	13	10	9
560	13	10	8
580	12	9	8
600	12	9	8
620	11	9	8
640	11	9	7
660	11	8	7
680	10	8	7
700	10	8	7
720	10	8	6
740	9	7	6
760	9	7	6
780	9	7	6
800	9	7	6



1. BASED ON 5/16" DIAMETER LAG SCREWS WITH 1-1/2" O.D. WASHERS WITH A 1-9/32" THREAD PENETRATION INTO SEASONED DRY WOOD SUPPORTING STRUCTURE.
2. PROVIDE QUANTITY OF LAG SCREWS AS REQUIRED TO MAINTAIN MAXIMUM SPACING AS SHOWN IN TABLE WITH A MINIMUM OF THREE (3) LAG SCREWS PER JAMB. LAG SCREWS AT TOP AND BOTTOM OF JAMB SHALL BE PLACED A MAXIMUM OF 6" FROM THE END OF THE JAMB.
3. LOAD PER JAMB CALCULATED BY TAKING DESIGN LOAD (PSF) TIMES DOOR WIDTH (FT) DIVIDED BY 2.

EXAMPLE: DESIGN LOAD = 30psf
 DOOR WIDTH = 16ft
 LOAD PER JAMB = 30psf x 16ft/2 = 240lb/ft

4. CHART IS BASED ON 6'-6" MINIMUM AND 24'-0" MAXIMUM DOOR HEIGHT.
5. ADDED DOOR JAMB TO BE 2x4 OR LARGER GRADE 2 SYP (SPECIFIC GRAVITY >=0.55) LUMBER OR BETTER MOUNTED TO SUPPORT STRUCTURE.
 IF MOUNTING OVER DRYWALL, INCREASE FASTENER LENGTH TO ACHIEVE MINIMUM REQUIRED PENETRATION.
6. DESIGN OF THE SUPPORT STRUCTURE SHALL BE THE SOLE RESPONSIBILITY OF THE BUILDING DESIGNER AND SHALL BE DESIGNED FOR THE JAMB LOAD LISTED IN ABOVE TABLE AS CALCULATED PER NOTE 3.
7. MINIMUM EDGE DISTANCE SHALL BE 1/2", MINIMUM FASTENER SPACING SHALL BE 1-1/2", AND ALL HOLES SHALL BE PRE-DRILLED TO PREVENT SPLITTING.
8. LAG SCREWS SHALL CONFORM TO ANSI / ASME STANDARD B18.2.1.

Approved

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SCHEDULE 2
16d COMMON WIRE NAILS AND 16d THREADED HARDENED-STEEL NAILS

LOAD PER JAMB (LB/FT) ^{NOTE 3}	MAXIMUM NAIL SPACING PER JAMB (IN)		
	MAIN SUPPORT MEMBER SPECIES		
	SYP SPECIFIC GRAVITY - 0.55	DOUGLAS FIR SPECIFIC GRAVITY - 0.46	SPF SPECIFIC GRAVITY - 0.42
100	24	24	19
120	24	20	16
140	21	17	14
160	18	15	12
180	16	13	10
200	15	12	9
220	13	11	8
240	12	10	8
260	11	9	7
280	10	8	7
300	10	8	6
320	9	7	6
340	8	7	n/a
360	8	6	n/a
380	7	6	n/a
400	7	6	n/a
420	7	n/a	n/a
440	6	n/a	n/a
460	6	n/a	n/a
480	6	n/a	n/a
500	6	n/a	n/a
520	n/a	n/a	n/a
540	n/a	n/a	n/a
560	n/a	n/a	n/a
580	n/a	n/a	n/a
600	n/a	n/a	n/a
620	n/a	n/a	n/a
640	n/a	n/a	n/a
660	n/a	n/a	n/a
680	n/a	n/a	n/a
700	n/a	n/a	n/a
720	n/a	n/a	n/a
740	n/a	n/a	n/a
760	n/a	n/a	n/a
780	n/a	n/a	n/a
800	n/a	n/a	n/a



1. BASED ON 16d COMMON WIRE NAILS (0.162"x3-1/2") OR 16d THREADED HARDENED-STEEL NAILS (0.148"x3-1/2") WITH A MINIMUM PENETRATION OF 2" INTO SIDE GRAIN OF MAIN MEMBER.
2. NAILS SHALL BE PROVIDED IN PAIRS AT A MAXIMUM SPACING AS SHOWN IN TABLE WITH A MINIMUM OF THREE (3) PAIRS OF NAILS PER JAMB. NAILS AT TOP AND BOTTOM OF JAMB SHALL BE PLACED A MAXIMUM OF 6" FROM THE END OF THE JAMB.
3. LOAD PER JAMB CALCULATED BY TAKING DESIGN LOAD (PSF) TIMES DOOR WIDTH (FT) DIVIDED BY 2.

 EXAMPLE: DESIGN LOAD = 30psf
 DOOR WIDTH = 16ft
 LOAD PER JAMB = 30psf x 16ft/2 = 240lb/ft
4. CHART IS BASED ON 6'-6" MINIMUM AND 24'-0" MAXIMUM DOOR HEIGHT.
5. ADDED DOOR JAMB TO BE 2x4 OR LARGER GRADE 2 SYP (SPECIFIC GRAVITY >=0.55) LUMBER OR BETTER MOUNTED TO SUPPORT STRUCTURE.
 IF MOUNTING OVER DRYWALL, INCREASE FASTENER LENGTH TO ACHIEVE MINIMUM REQUIRED PENETRATION.
6. DESIGN OF THE SUPPORT STRUCTURE SHALL BE THE SOLE RESPONSIBILITY OF THE BUILDING DESIGNER AND SHALL BE DESIGNED FOR THE JAMB LOAD LISTED IN ABOVE TABLE AS CALCULATED PER NOTE 3.
7. EDGE DISTANCES, END DISTANCES AND SPACINGS SHALL BE SUFFICIENT TO PREVENT SPLITTING OF THE WOOD.

Approved

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SCHEDULE 3
3/8"Ø A307 HEADED OR HOOKED ANCHOR BOLTS IN NORMAL WEIGHT CONCRETE

LOAD PER JAMB (LB/FT) ^{NOTE 3}	MAXIMUM SPACING OF ANCHOR BOLTS PER JAMB (IN)	
	2500 PSI CONCRETE	3000 PSI CONCRETE
100	24	24
120	24	24
140	24	24
160	24	24
180	24	24
200	24	24
220	24	24
240	24	24
260	24	24
280	24	24
300	24	24
320	24	24
340	24	24
360	24	24
380	24	24
400	24	24
420	24	24
440	23	24
460	22	24
480	21	24
500	20	24
520	20	24
540	19	23
560	18	22
580	18	21
600	17	20
620	16	20
640	16	19
660	15	19
680	15	18
700	14	17
720	14	17
740	14	16
760	13	16
780	13	16
800	13	15



1. BASED ON 3/8"Ø A307 HEADED OR HOOKED (1.69" MIN. HOOK LENGTH) ANCHOR BOLTS WITH A 2" O.D. WASHER WITH A MINIMUM EMBEDMENT DEPTH OF 3" AND A MINIMUM EDGE DISTANCE OF 3".
2. PROVIDE QUANTITY OF ANCHOR BOLTS AS REQUIRED TO MAINTAIN MAXIMUM SPACING AS SHOWN IN TABLE WITH A MINIMUM OF THREE (3) ANCHOR BOLTS PER JAMB. ANCHOR BOLTS AT TOP AND BOTTOM OF JAMB SHALL BE PLACED A MAXIMUM OF 6" FROM THE END OF THE JAMB.
3. LOAD PER JAMB CALCULATED BY TAKING DESIGN LOAD (PSF) TIMES DOOR WIDTH (FT) DIVIDED BY 2.

EXAMPLE: DESIGN LOAD = 30psf
 DOOR WIDTH = 16ft
 LOAD PER JAMB = 30psf x 16ft/2 = 240lb/ft

4. CHART IS BASED ON 6'-6" MINIMUM AND 24'-0" MAXIMUM DOOR HEIGHT.
5. ADDED DOOR JAMB TO BE 2x6 OR LARGER GRADE 2 SYP (SPECIFIC GRAVITY >=0.55) LUMBER OR BETTER MOUNTED TO SUPPORT STRUCTURE.
 IF MOUNTING OVER DRYWALL, INCREASE FASTENER LENGTH TO ACHIEVE MINIMUM REQUIRED PENETRATION.
6. DESIGN OF THE SUPPORT STRUCTURE SHALL BE THE SOLE RESPONSIBILITY OF THE BUILDING DESIGNER AND SHALL BE DESIGNED FOR THE JAMB LOAD LISTED IN ABOVE TABLE AS CALCULATED PER NOTE 3.

Approved

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SCHEDULE 4
3/8"Ø SIMPSON TITEN HD SCREW ANCHORS

LOAD PER JAMB (LB/FT) ^{NOTE 4}	MAXIMUM SPACING OF ANCHORS PER JAMB (IN)		
	2500 PSI CONCRETE ^{NOTE 1}	4000 PSI CONCRETE ^{NOTE 1}	2000 PSI GROUT FILLED CMU ^{NOTE 2}
100	24	24	24
120	24	24	24
140	24	24	24
160	24	24	24
180	24	24	24
200	24	24	24
220	24	24	24
240	24	24	24
260	24	24	16
280	24	24	16
300	24	24	16
320	24	24	16
340	24	24	16
360	24	24	16
380	24	24	8
400	24	24	8
420	24	24	8
440	24	24	8
460	24	24	8
480	24	24	8
500	24	24	8
520	24	24	8
540	24	24	8
560	23	24	8
580	22	24	8
600	21	23	8
620	21	22	8
640	20	22	8
660	19	21	8
680	19	20	8
700	18	20	8
720	18	19	8
740	17	19	N/A
760	17	18	N/A
780	16	18	N/A
800	16	17	N/A



1. BASED ON 3/8"Ø SIMPSON TITEN HD SCREW ANCHOR WITH A 1-3/4" O.D. WASHER INTO NORMAL WEIGHT UNCRACKED CONCRETE WITH A MINIMUM EMBEDMENT DEPTH OF 2-3/4" AND A MINIMUM EDGE DISTANCE OF 2-3/4".
2. BASED ON 3/8"Ø SIMPSON TITEN HD SCREW ANCHOR WITH A 1-3/4" O.D. WASHER INTO GROUT FILLED CMU WITH A MINIMUM EMBEDMENT DEPTH OF 2-3/4", A MINIMUM EDGE DISTANCE OF 4", AND A MINIMUM END DISTANCE OF 4". CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90 AND GROUT SHALL CONFORM TO ASTM C476.
3. PROVIDE QUANTITY OF SCREW ANCHORS AS REQUIRED TO MAINTAIN MAXIMUM SPACING AS SHOWN IN TABLE WITH A MINIMUM OF THREE (3) SCREW ANCHORS PER JAMB. SCREW ANCHORS AT TOP AND BOTTOM OF JAMB SHALL BE PLACED A MAXIMUM OF 6" FROM THE END OF THE JAMB.
4. LOAD PER JAMB CALCULATED BY TAKING DESIGN LOAD (PSF) TIMES DOOR WIDTH (FT) DIVIDED BY 2.

EXAMPLE: DESIGN LOAD = 30psf
 DOOR WIDTH = 16ft
 LOAD PER JAMB = 30psf x 16ft/2 = 240lb/ft

5. CHART IS BASED ON 6'-6" MINIMUM AND 24'-0" MAXIMUM DOOR HEIGHT.
6. ADDED DOOR JAMB TO BE 2x6 OR LARGER GRADE 2 SYP (SPECIFIC GRAVITY >=0.55) LUMBER OR BETTER MOUNTED TO SUPPORT STRUCTURE. IF MOUNTING OVER DRYWALL, INCREASE FASTENER LENGTH TO ACHIEVE MINIMUM REQUIRED PENETRATION.
7. DESIGN OF THE SUPPORT STRUCTURE SHALL BE THE SOLE RESPONSIBILITY OF THE BUILDING DESIGNER AND SHALL BE DESIGNED FOR THE JAMB LOAD LISTED IN ABOVE TABLE AS CALCULATED PER NOTE 4.
8. SCREW ANCHORS SHALL BE INSTALLED PER MANUFACTURER'S WRITTEN INSTRUCTIONS.

Approved

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SCHEDULE 5
3/8"Ø HILTI KWIK BOLT 3 EXPANSION ANCHOR

LOAD PER JAMB (LB/FT) ^{NOTE 4}	MAXIMUM SPACING OF ANCHORS PER JAMB (IN)		
	2500 PSI CONCRETE ^{NOTE 1}	4000 PSI CONCRETE ^{NOTE 1}	2000 PSI GROUT FILLED CMU ^{NOTE 2}
100	24	24	24
120	24	24	24
140	24	24	24
160	24	24	24
180	24	24	24
200	24	24	24
220	24	24	24
240	24	24	24
260	24	24	24
280	24	24	24
300	24	24	24
320	24	24	16
340	24	24	16
360	24	24	16
380	24	24	16
400	24	24	16
420	24	24	16
440	24	24	16
460	24	24	16
480	24	24	8
500	24	24	8
520	24	24	8
540	24	24	8
560	24	24	8
580	24	24	8
600	23	23	8
620	22	22	8
640	22	22	8
660	21	21	8
680	20	20	8
700	20	20	8
720	19	19	8
740	19	19	8
760	18	18	8
780	18	18	8
800	17	17	8



1. BASED ON 3/8"Ø HILTI KWIK BOLT 3 EXPANSION ANCHOR WITH A 1-3/4" O.D. WASHER INTO NORMAL WEIGHT UNCRACKED CONCRETE WITH A MINIMUM EMBEDMENT DEPTH OF 2-1/2" AND A MINIMUM EDGE DISTANCE OF 3".
2. BASED ON 3/8"Ø HILTI KWIK BOLT 3 EXPANSION ANCHOR WITH A 1-3/4" O.D. WASHER INTO GROUT FILLED CMU WITH A MINIMUM EMBEDMENT DEPTH OF 2-1/2" AND A MINIMUM EDGE DISTANCE OF 4".
ONLY ONE ANCHOR PER MASONRY UNIT
CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90 AND GROUT SHALL CONFORM TO ASTM C476.
3. PROVIDE QUANTITY OF ANCHORS AS REQUIRED TO MAINTAIN MAXIMUM SPACING AS SHOWN IN TABLE WITH A MINIMUM OF THREE (3) ANCHORS PER JAMB. ANCHORS AT TOP AND BOTTOM OF JAMB SHALL BE PLACED A MAXIMUM OF 6" FROM THE END OF THE JAMB.
4. LOAD PER JAMB CALCULATED BY TAKING DESIGN LOAD (PSF) TIMES DOOR WIDTH (FT) DIVIDED BY 2.

EXAMPLE: DESIGN LOAD = 30psf
 DOOR WIDTH = 16ft
 LOAD PER JAMB = 30psf x 16ft/2 = 240lb/ft

5. CHART IS BASED ON 6'-6" MINIMUM AND 24'-0" MAXIMUM DOOR HEIGHT.
6. ADDED DOOR JAMB TO BE 2x6 OR LARGER GRADE 2 SYP (SPECIFIC GRAVITY >=0.55)
LUMBER OR BETTER MOUNTED TO SUPPORT STRUCTURE.
IF MOUNTING OVER DRYWALL, INCREASE FASTENER LENGTH TO ACHIEVE MINIMUM REQUIRED PENETRATION.
7. DESIGN OF THE SUPPORT STRUCTURE SHALL BE THE SOLE RESPONSIBILITY OF THE BUILDING DESIGNER AND SHALL BE DESIGNED FOR THE JAMB LOAD LISTED IN ABOVE TABLE AS CALCULATED PER NOTE 4.
8. SCREW ANCHORS SHALL BE INSTALLED PER MANUFACTURER'S WRITTEN INSTRUCTIONS.

Approved

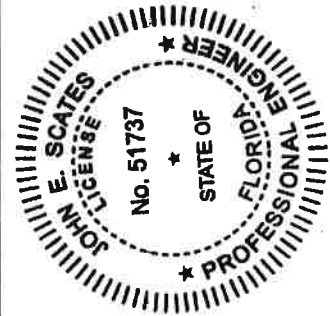
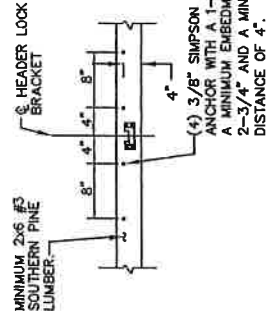
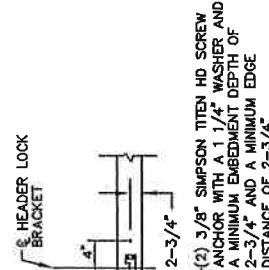
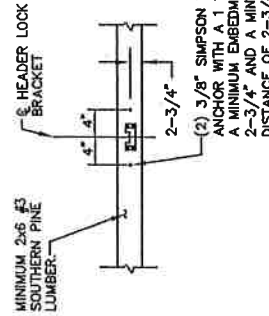
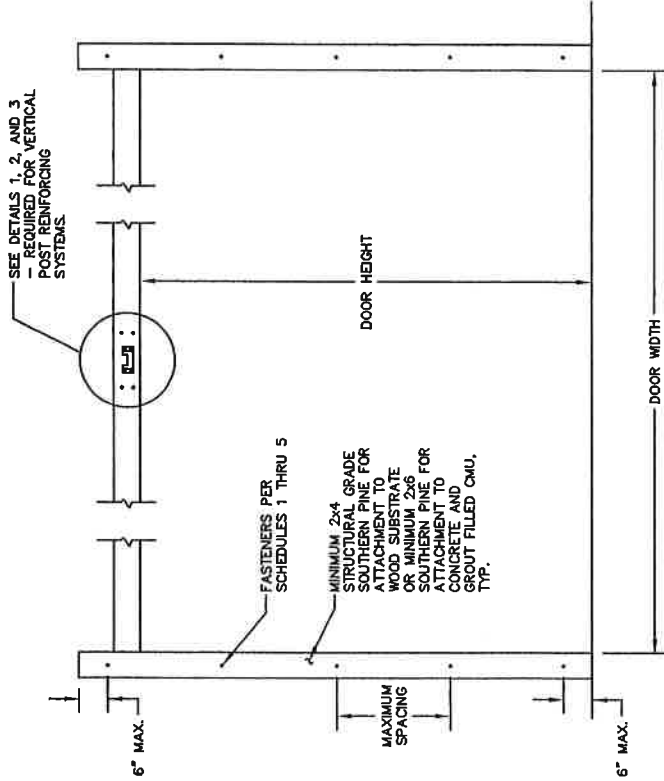
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 FL PE 51737 TX PE 56308/F2203

The Genuine. The Original.



OVERHEAD DOOR CORPORATION
2501 SOUTH STATE HIGHWAY 121
SUITE 200 LEWISVILLE, TX 75067
(800) 275-3920

REVISIONS
P00 NEW DRAWING,
ER31052
ESC 8/6/18
P01 NOTES REVISION
JQ 2/27/2020



JOHN E. SCATES, PE
2550 KING ARTHUR BLVD #124-54
LEWISVILLE, TX 75068
FL PE 51737
TX PE 58089/F2203

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VERIFICATION OF WINDLOAD CONSTRUCTION DETAILS.

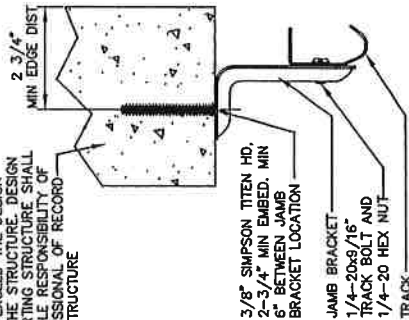
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411526		P01	
JAMB CONNECTION SUPPLEMENT			
SHEET 1 OF 2			
DRAWN	DATE	NAME	
CHECKED	8/6/18	ESC	

The Genuine. The Original.



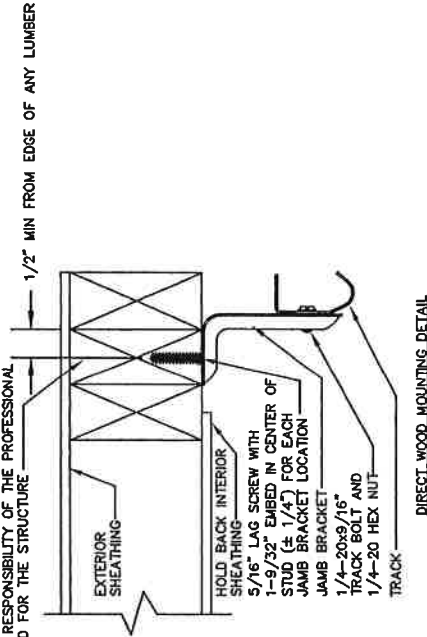
OVERHEAD DOOR CORPORATION
2501 SOUTH STATE HIGHWAY 121
SUITE 200 LEWISVILLE, TX 75067
(800) 275-3920

MIN 2500 PSI CONCRETE
NOTE: MAX ALLOWABLE FASTENER
LOAD MAY EXCEED THE DESIGN
LOAD OF THE STRUCTURE. DESIGN
OF SUPPORTING STRUCTURE SHALL
BE THE SOLE RESPONSIBILITY OF
THE PROFESSIONAL OF RECORD
FOR THE STRUCTURE

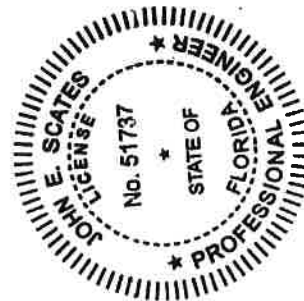


TRACK BRACKET LOCATIONS AND
SPACING PER THE WINDLOAD DOOR
DRAWING

MIN 2 x 4 SOUTHERN PINE (0-0.55) OR BETTER
WALL STUD
NOTE: MAX ALLOWABLE FASTENER LOAD MAY
EXCEED THE DESIGN LOAD OF THE STRUCTURE.
DESIGN OF SUPPORTING STRUCTURE SHALL
BE THE SOLE RESPONSIBILITY OF THE PROFESSIONAL
OF RECORD FOR THE STRUCTURE



IF JAMBS ARE NOT SOUTHERN
PINE, MUST ATTACH A SOUTHERN
PINE 2X6 PER SCHEDULE 1. IF 2X6
WILL NOT FIT, MAY USE 2X4.



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LEWISVILLE, TX 75068
FL PE #51737
TX PE #65306/T2203

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REVISIONS
P00 NEW DRAWING,
ER31052
ESC 8/6/18
P01 NOTES REVISION
JQ 2/27/2020

DRAWN	CHECKED	DATE	NAME
		8/6/18	ESC

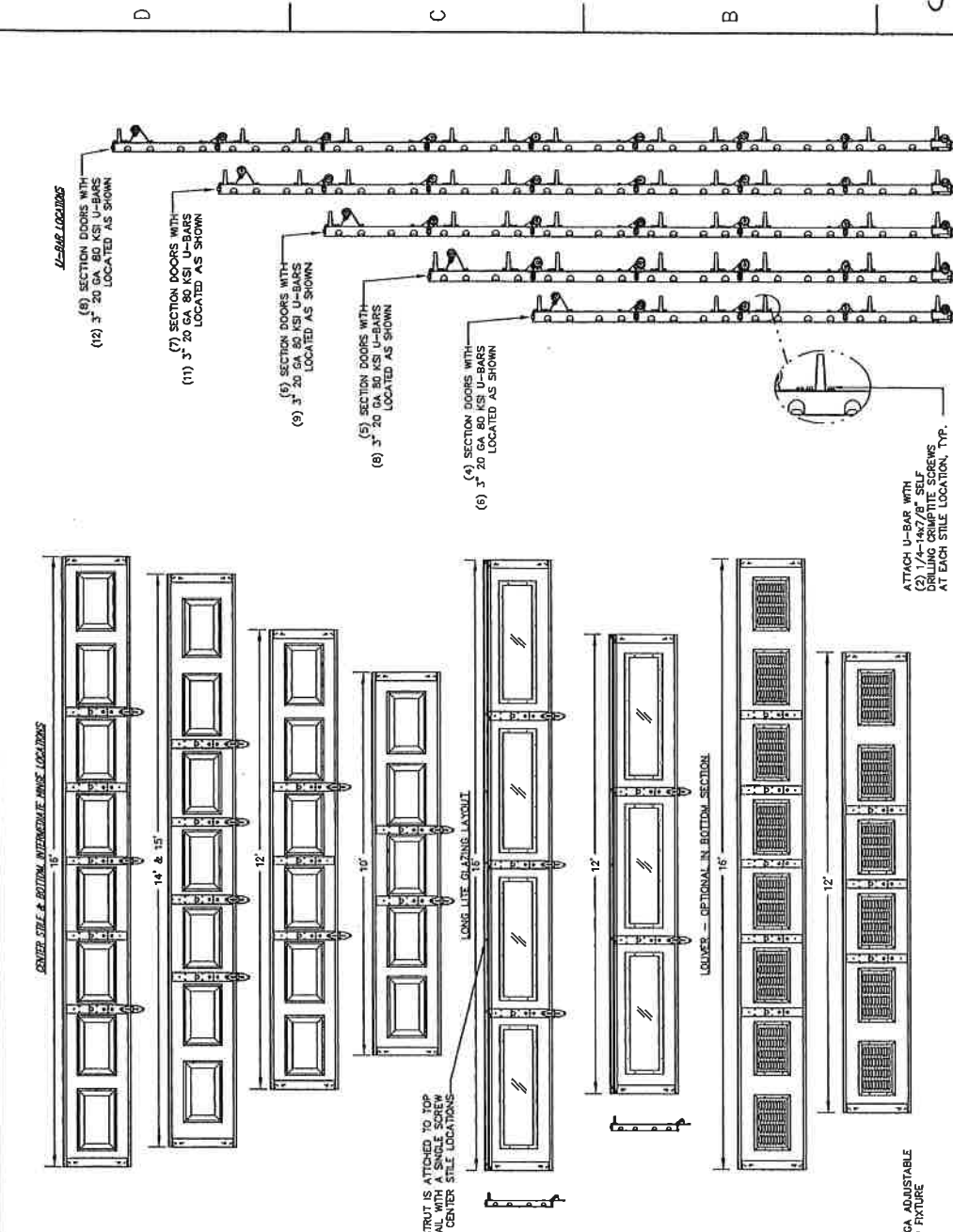
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411526	P01

JAMB CONNECTION SUPPLEMENT

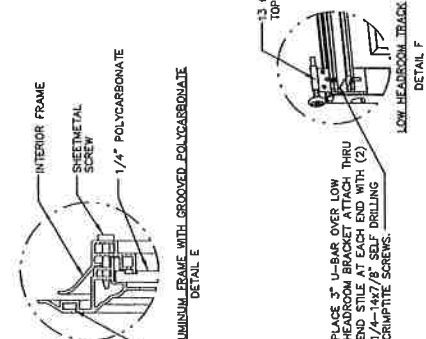
SHEET 2 OF 2

Garage 8 of 11

Digitally signed by John E. Scates P.E.
Date: 2019.02.20 10:07:42 -06'00'



STATIC PRESSURE RATINGS DESIGN PRESSURE(PSP)* +23.0/-25.0 IMPACT/CYCLO RATED: YES	APPROVED SIZES MAX WIDTH: 16" MAX HEIGHT: 14" MAX SECTION HEIGHT: 21"
*FOR OVERHEAD DUCT COORDINATION AND ITS ASSOCIATED COMPANIES, THE DRAWING IS FOR INFORMATION ONLY. ANY PURCHASE WITHOUT THE SPECIFIC WRITTEN CONSENT OF OVERHEAD DUCT CORPORATION, WILL BE AT THE BUYER'S RISK.	JANUARY TITLE SERIES 170, 180WL WSA, 16" MAX WIDE D-411046
DATE 10/15/10 10/25/10 11/23/10	CHECKED BY G. FAYOR M. SAWICKI P. J. LONG
DATE 10/15/10 10/25/10 11/23/10	CHECKED BY G. FAYOR M. SAWICKI P. J. LONG

[illegible]

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FL PE 51737
TX PE 56308/F2203

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