

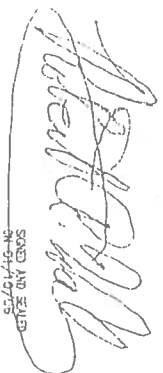
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SPECIFICATIONS FOR SUNROOMS AND PATIO COVERS WITH 3 INCH WALL MULLIONS

PAGE NUMBER COVER SHEET

INDEX OF SHEETS

1	FLOOR PLANS, ELEVATIONS and ROOF PLANS
2	3" SUNROOM SYSTEM, PARTS, DETAILS and NOTES
3	3" SUNROOM PLAN, SECTIONS and DETAILS
4	3" SUNROOM DECK and SLAB ATTACHMENT DETAILS
5	3" SUNROOM SYSTEM TABLES
6	3" SUNROOM TEMPERED GLASS WINDOW DETAILS
7	3" SUNROOM DOOR PARTS, DETAILS and NOTES


Michael R. Hall
DATE AND SEAL
04-01-1075

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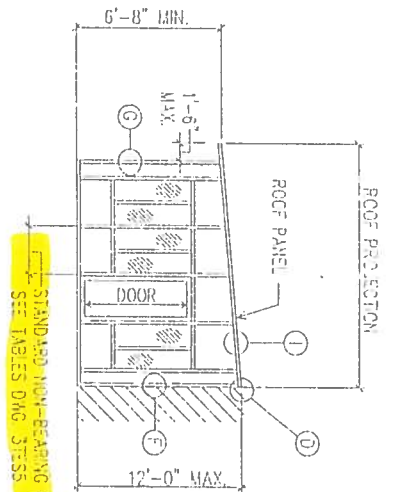
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ICC LEGACY REPORT ER-5782-P
UL 5512
FLORIDA PRODUCT APPROVAL 3045
FLORIDA PRODUCT APPROVAL 3057
FLORIDA PRODUCT APPROVAL 3071

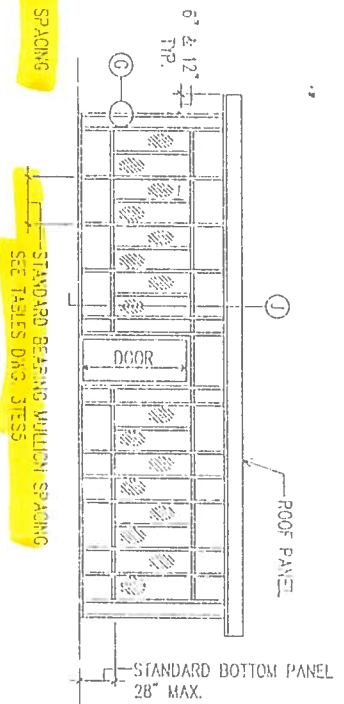
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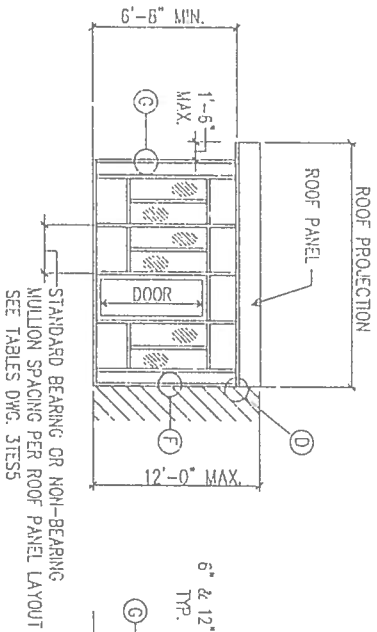
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PROJECT A WALL TO
20400 HALL ROAD
CLINTON TWP., MI
04-01-1075
DWT: KOL
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COVER SHEET



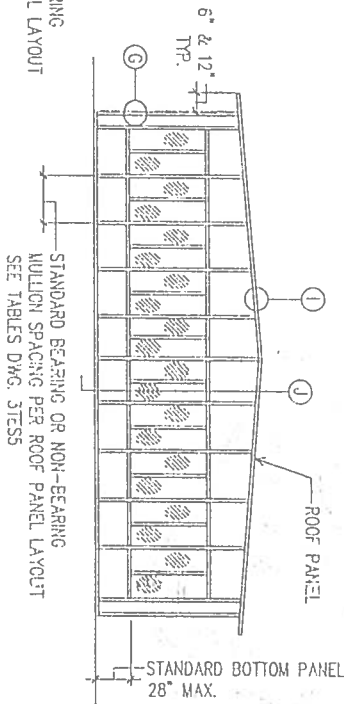
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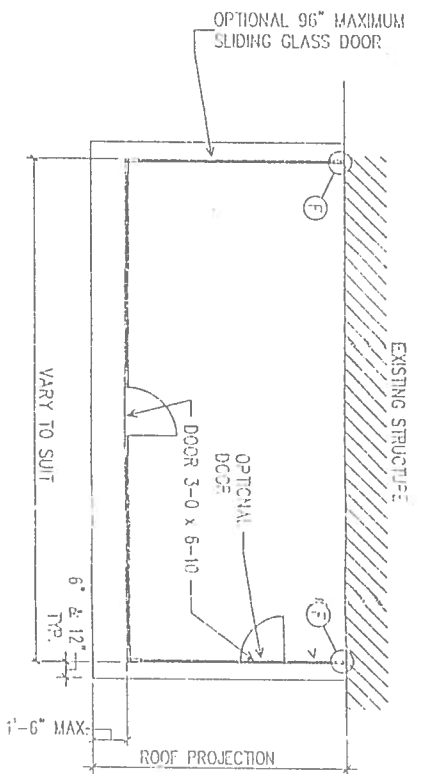
SUNROOM FRONT WALL ELEVATION



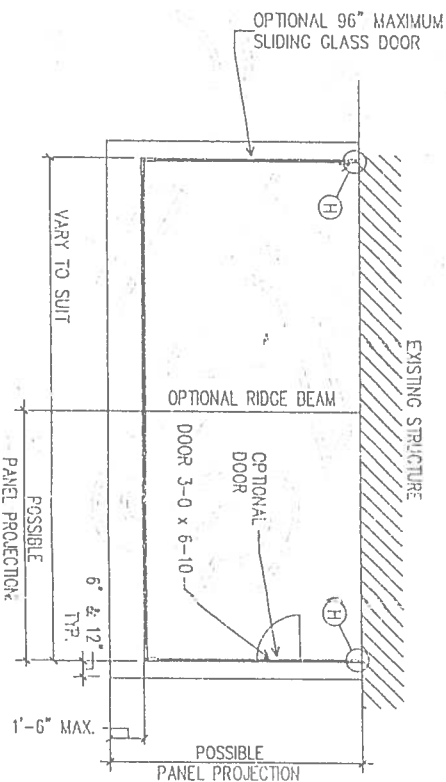
SUNROOM END WALL ELEVATION



SUNROOM FRONT WALL ELEVATION



TYPICAL STUDIO ROOF SUNROOM PLAN



TYPICAL CABLE ROOF SUNROOM PLAN

NOTE:
ALL SECTIONS & DETAILS REFERENCED
HERE ARE SHOWN ON SHEET STES3.

\\temoced\er-root\11x17\3FAIRBANKSI

3TES1
SIGNED AND SEALED
24-01/07/00

FLOOR PLAN
ELEVATIONS &
ROOF PLAN

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ICC LEGACY REPORT PFC-5178
ICC LEGACY REPORT ER-5262-P
UL 582
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FLORIDA PRODUCT APPROVAL 5537
FLORIDA PRODUCT APPROVAL 5521

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JUNE 30, 2006

DATE:

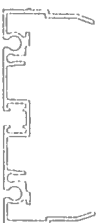
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ROBERT A. WALL, P.E.

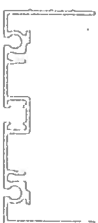
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CLINTON TWP., MI

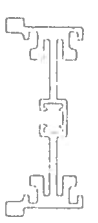
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3.00" STANDARD MALE
(2729) (1)



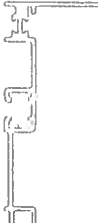
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(2595) (2)



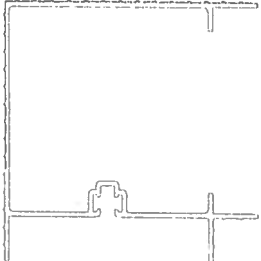
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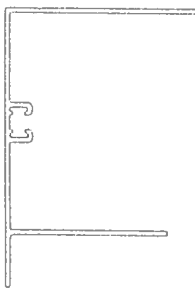
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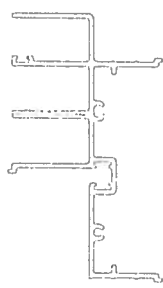
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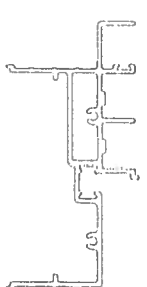
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(3549) (6)



3.00" TOP TRACK/EXPANDER
(8544) (7)



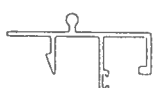
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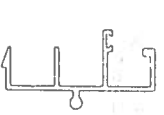
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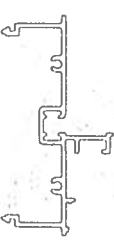
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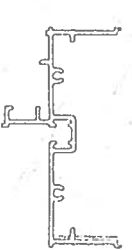
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(11149) (11)



3.00" RIGHT JAMB
(11150) (12)



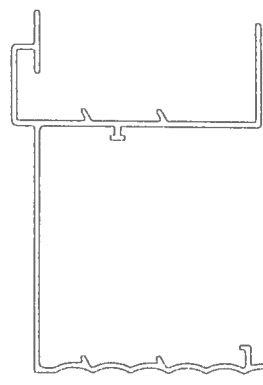
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(11152) (13)



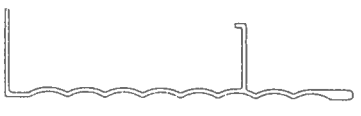
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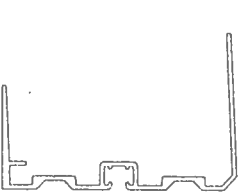
TRANSON JAMB
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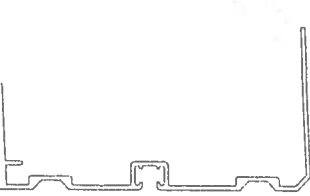
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(44215) (17)



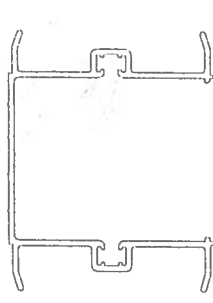
"C" FASCIA
(44218) (18)



3.00" HANGING RAIL
(3803) (19)



4.25" HANGING RAIL
(3839) (20)



3.00" VERTICAL RACEWAY
(8253) (21)

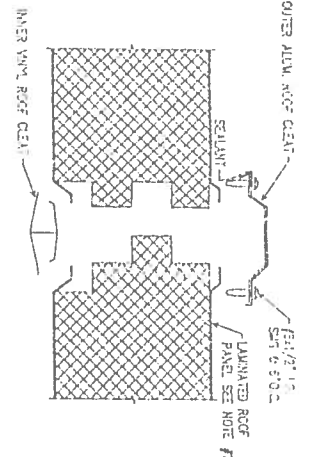
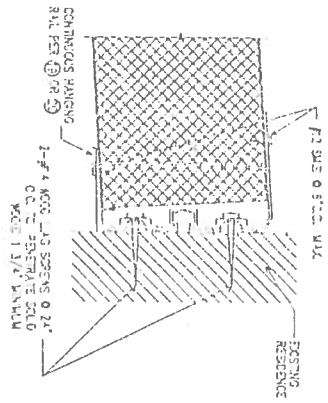
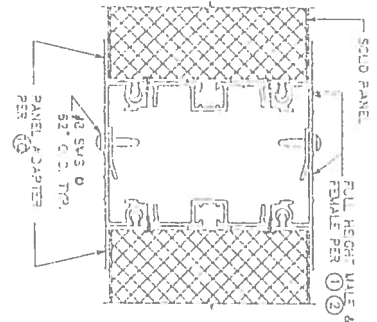
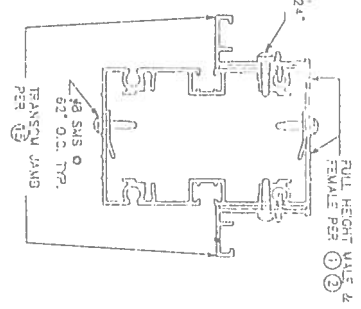
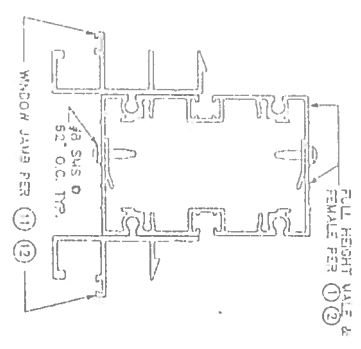


VERTICAL RACEWAY CAP
(9291) (16)

- THIS PATIO COVER SYSTEM IS TO BE INSTALLED UNDER THE ROOF PANEL SHOWN ON DRAWING NO. JTS-01 UNDER A CODE-APPROVED EXISTING ROOF.
- DESIGN LOADS: SEE TABLE FOR DESIGN LOADS AS SPECIFIED PER CHAPTER 16 OF THE 2004 FLORIDA BUILDING CODE AND LRS 7-202.
- SEWER PIPES SHALL BE THE SIZE SHOWN AND SHALL BE STAINLESS STEEL AND PLATED, GALVANIZED STEEL OR 2024-T3 ALUMINUM.
- ALL STRUCTURAL COMPONENTS OF THIS PATIO COVER SYSTEM EXCEPT SOLID PANELS ARE OF ALUMINUM EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE.
- ALL EXTERIOR PORTIONS OF THE SOLID WALL PANEL WHICH ARE SUBJECT TO WATER INTRUSION SHALL BE FULLY DRAINED.
- OPENINGS IN THE WALL MAY BE COVERED WITH A WIND BREAK MESH OF TENSILE STRENGTH NOT LESS THAN 1/8 INCH PLATE EQUIVALENT WITH THE CODE.
- WHERE THE ROOF PANEL IS PARALLEL TO THE EXISTING WALL OF THE BUILDING, THE JOINT OF THE EXISTING WALL SUPPORT STRUCTURE (SILL, HEADER, BRUSH ETC.) SHALL BE LOCATED BY AN INDEPENDENT SQUARE FOOTAGE MEASUREMENT OF THE SITE BEING THE AREA OF THE EXISTING FRAMING IS NOT A PART OF THIS DESIGN OR APPROVAL.
- THE BUILDING SYSTEM UTILITIES HAVE BEEN RECORDED FOR LOAD CONSIDERATIONS REQUIRED BY THE 2004 FLORIDA BUILDING CODE.
- ALL ALUMINUM IN CONTACT WITH EXISTING MATERIALS SHALL BE PROTECTED PER THE 2004 FLORIDA BUILDING CODE.
- CONCRETE EXISTING ANCHORS SHALL BE "TWO PART EPOXY ADHESIVE" THAT MEETS THE REQUIREMENTS OF THE 2004 FLORIDA BUILDING CODE. ALL ANCHORS SHALL HAVE A MINIMUM TENSILE VALUE IN CONCRETE OF 565 POUNDS. WOOD LAGS SHALL BE 1/4" BY 3" GALVANIZED LUG BOLTS.
- ALL EXISTING MASONRY IS TO HAVE A MINIMUM SPECIFIC GRAVITY OF 0.49.
- SEE TABLES (1) AND (9) ON SHEET JTS-01 FOR DESIGN WIND LOADS.
- THESE PATIO COVER AND SUNROOM STRUCTURES ARE INTENDED FOR RESIDENTIAL USE ONLY.
- EVALUATION REPORT ER-5597-P WAS REVIEWED TO THE 1997 UNIFORM BUILDING CODE.

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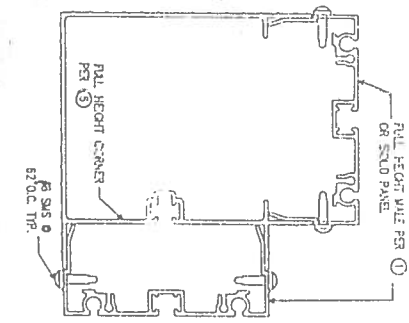
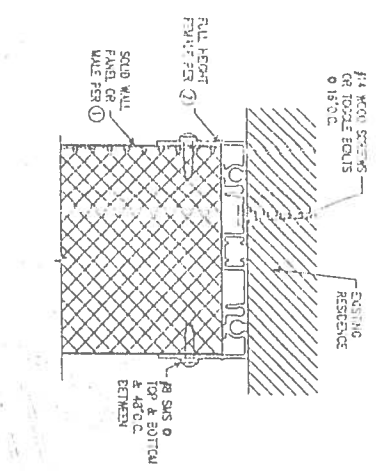
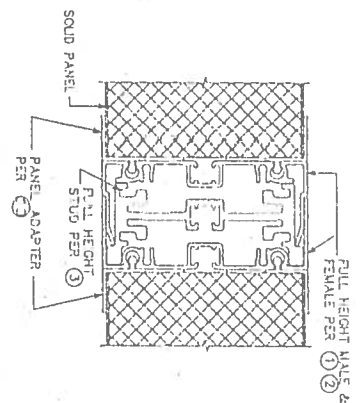
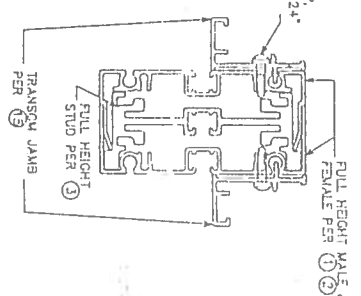
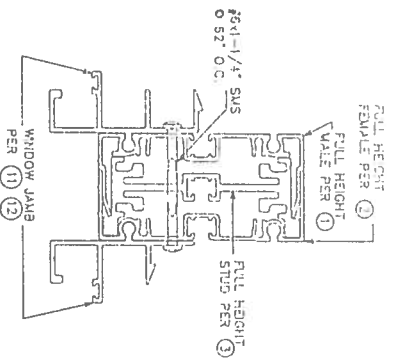
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MALE / FEMALE MULLIONS

ROOF PANEL/WALL ATTACHMENT

ROOF PANEL SPLICE

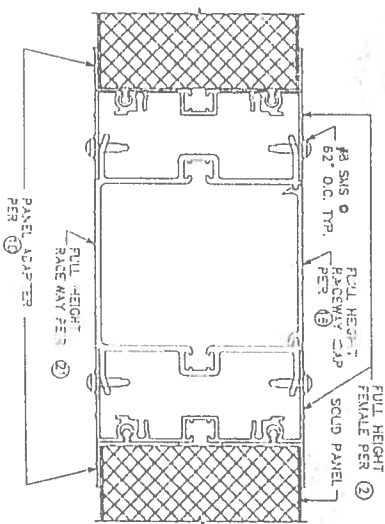
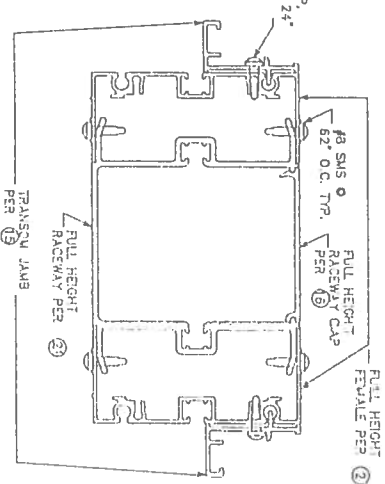
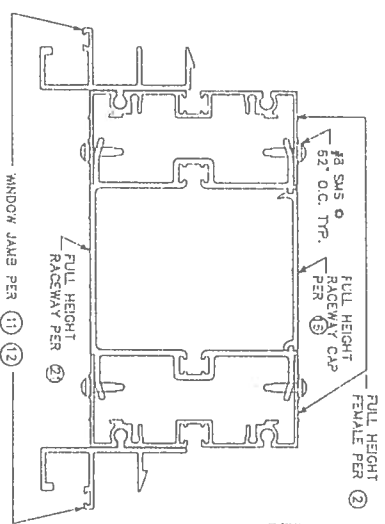


MALE / WALL STUD / FEMALE

B

CONNECTION HOUSE

C



0 SLIDING WINDOW

0 FIXED GLAZING

0 SOLID WALL PANEL

CORNER

C

MALE/RACEMAN/MALE MULLIONS

3 OF 7

—

2-#8 TEK SCREWS
EACH SIDE OF MULLION
120 MPH WIND

1/4" x 3" LONG LOG BOLTS
 @ 120 MPH WIND
 LOCATE 1" MINOR 2 1/4" EACH
 SIDE OF WINDOW, SEE NOTE #10
 BASE/MILL CAP SEE ③
 SAME AS BEARING EXPANDER
 TO MILLION
 BASE/MILL CAP SPACE
 TO BE 3" MINIMUM
 FROM VERTICAL MILLION
 INSULATED STRUCTURAL
 DECK PANELS
 ALUM. FLASHING
 PER LOCAL CODE

BEARING WALL SECTION ON J
TENDONER APPROVED DECK PANELS

1/4" X 3" LONG LAG BOLTS —
 @ 120 HIGH WIND
 LOCATE 1-ANCHOR 2 1/2" EACH
 SIDE OF WALL. SEE NOTE #10

BASE WALL CAP SEE (5) —
SAME AS BEARING EXPLORER
TO MULCH

TO BE 8" MINIMUM
FROM VERTICAL MULTIPLE
EXIST. OR NEW WOOD —
DECK IN GOOD CONDITION
ALUM. FLASHING —

BEARING WALL SECTION (J)
ON WOOD DECK

PIERS OR FOOTINGS
PER LOCAL CODE.

1-1/2" MIN. @ 1'-4" ANCHORS

1 1/2"
MIN.
1/2"
MIN.

28" MAX. LOWER SECTION

HEIGHT VARIES SEE TABLES ON DRAWING NO. 4AES5

CONTINUOUS PANEL CUTTER
W/#3 SWS @ 12" O.C. TOP &
BOTTOM TO ROOF PANEL
SEE (17)
BASE/WALL CAP SEE (5) —

BASE/WALL CAP SEE ⑤

TOP EXPANDER SHALL BE BEAR FIRMLY ON MILLION SECTION PRIOR TO INSTALLATION OF FASTENERS

1/4" Ø EXPANSION ANCHORS—
 @ 120 MPH WIND
 LOCATE 1-ANCHOR 2 1/4" EACH
 SIDE OF MULLION. SEE NOTE #10

BASE/WALL CAP SEE ⑤ —
SALE AS BEARING EXPANDER
TO MULLION

BASE/WALL CAP SPLICE
TO BE 8" MINIMUM
FROM VERTICAL MULLION
EXIST. OR NEW CONCRETE
SLAB IN GOOD CONDITION

BEARING WALL SECTION

9

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3" SUNROOM
DECK AND SLAB
ATTACHMENT DETAILS

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ICC LEGACY REPORTER-5262-P
UL 5852
FLORIDA PRODUCT APPROVAL 5505
FLORIDA PRODUCT APPROVAL 3857
FLORIDA PRODUCT APPROVAL 3521

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STILES

SECRET AND SILENT
CM 01/10/C6

TABLE "A": BEARING WALL MULLIONS				
MAXIMUM MULLION SPACING	MULLION TYPE			
	DET. ①	DET. ②		DET. ③
	MAXIMUM MULLION HEIGHT			
30 PSF UPLIFT LOAD, 120 MPH WIND				
36" C/C	9'-6"	10'-6"	-	10'-3"
46" C/C	9'-3"	10'-3"		10'-0"
56 1/2" C/C	9'-0"	10'-0"		9'-9"

TABLE "B": NON-BEARING WALL MULLIONS				
MAXIMUM MULLION SPACING	MULLION TYPE			
	DET. ①	DET. ②	DET. ③	
	MAXIMUM MULLION HEIGHT			
120 MPH WIND				
36" C/C	12'-6"	13'-6"	13'-0"	
46" C/C	12'-3"	13'-3"	12'-9"	
56 1/2" C/C	12'-0"	13'-0"	12'-6"	

TABLE "C": MAXIMUM ROOF PANEL SPANS*

DESIGN LOAD	PANEL DESIGNATION	
	T-3-2-32	T-4.25-2-32
30 PSF UPLIFT LOAD	13'-9"	
120 MPH WIND		15'-7"

* MAXIMUM PANEL OVERHANG IS 1'-6"
MINIMUM ROOF PANEL SLOPE IS 1/2 INCH PER FOOT

DESIGN CRITERIA FOR FAIRBANKS CONSTRUCTION OF OCALA, FLORIDA

- 1) BASIC WIND SPEED: 120 MPH
- 2) WIND IMPORTANCE FACTOR: 1
- 3) WIND EXPOSURE CATEGORY: B
- 4) EXPOSURE CLASS: PARTIALLY ENCLOSED
- 5) INTERNAL PRESSURE COEFFICIENT: 0.18
- 6) COMPONENTS WIND PRESSURES:

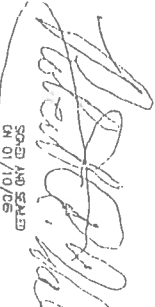
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ROOF ZONE 2: +12.0 PSF, -39.2 PSF

ROOF ZONE 3: +12.0 PSF, -47.2 PSF

WALL ZONE 4: +30.8 PSF, -32.7 PSF

WALL ZONE 5: +30.8 PSF, -37.9 PSF


 ROBERT A. WALL, P.E.
 01/10/06

DATE: JANUARY 10, 2006
 PROJECT: 3.00" SUNROOM WALL MULLIONS SYSTEM TABLES
 DRAWN BY: JFAIRBANKS5
 CHECKED BY: JFAIRBANKS5
 SCALE: 3/8" = 1'-0"

3.00" SUNROOM WALL MULLIONS SYSTEM TABLES

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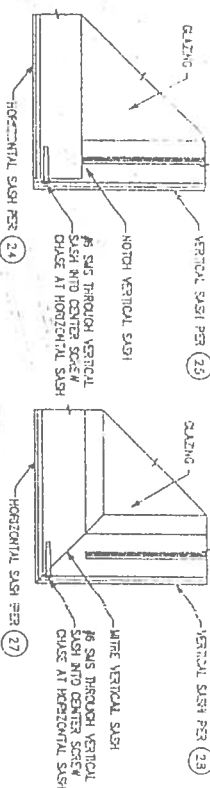
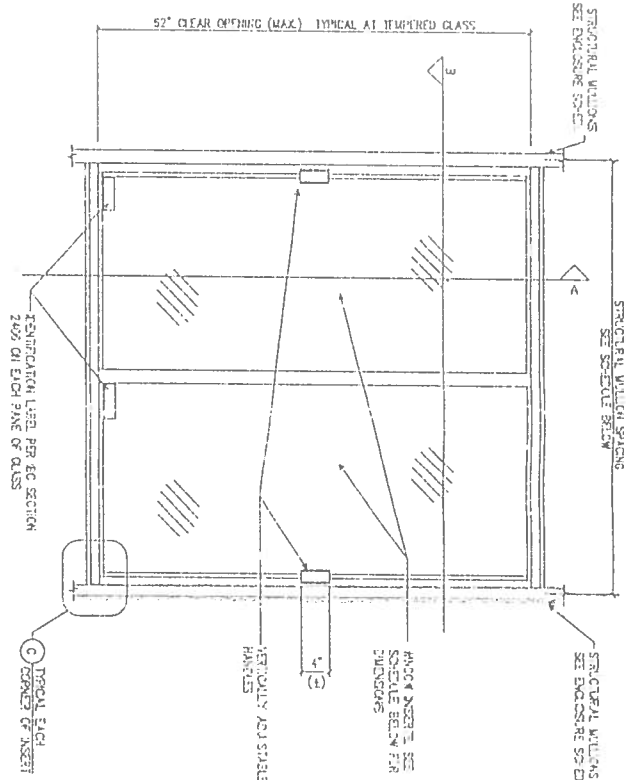
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 ICC LEGACY REPORT LR-5282-1-
 UL 582
 FLORIDA PRODUCT APPROVAL 2857
 FLORIDA PRODUCT APPROVAL 3121

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SC HORIZONTAL (7579)	SC HANDLE (7521)	SC INTERLOCK (9593)
(24)	(25)	(25)

[illegible]

16 HORIZONTAL (11332)	27
16 RIGHT HANDLE (11283)	25
16 LEFT HANDLE (11281)	29
16 INTERLOCK (11281)	30



ASSEMBLED WINDOW ELEVATION

1. REMOVED GASK SUBJECT TO HUMAN SAFETY COMPLIES WITH SECTION 2406 OF THE 2003 INTERNATIONAL MECHANICAL CODE AND SECTION 2405.3 OF THE 2009 FLORIDA BUILDING CODE.
2. REMOVED GASK INSTALLED IN AREAS WITH BASIC MAX SPEEDS OF 120 MPH COMPLIES WITH SECTION 2406 OF THE 2003 INTERNATIONAL MECHANICAL BUILDING CODE AND SECTION 2405.3 OF THE 2009 FLORIDA BUILDING CODE.
3. THE GASK ASSEMBLY IS FIELDLY REMOVED.
4. THE OPENING COMPLIES WITH AIAA 10174.5.2 AS REQUIRED BY SECTION 1714.5.1 OF THE 2003 INTERNATIONAL RESIDENTIAL CODE.

NOTE: BEFORE MAKE INSERT TO AN OPEN POSITION AND LIFT UP WHILE PULLING THE BOTTOM TOWARDS THE PAGES OF THE EXISTING ONE. LOWER THE INSERT WHILE CONTINUING TO PULL PAGES.

SCREEN REMOVAL: LIFT ALL SCREEN LOCKED TO A NEGATIVE POSITION. LETTING ON THE LOWER LEFT HAND "LOCK" LIFT UP AND PUSH THE SCREEN DOWNWARD. PULL DOWN ON THE LOCKS TO REMOVE SCREEN FROM THE FOLDER.

[illegible]

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ICC LEGACY REPORT MC-5176
ICC LEGACY REPORT ER-5282-P
UL 582.
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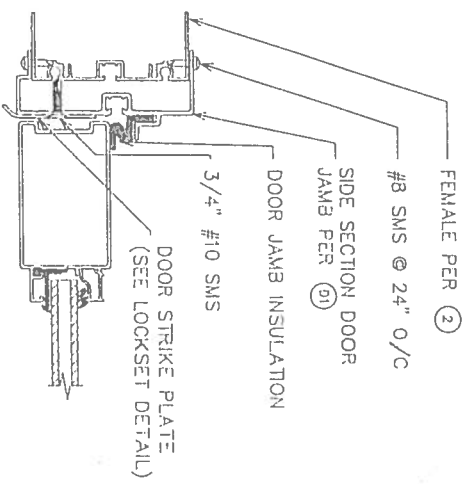
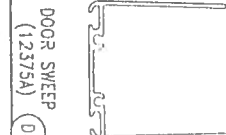
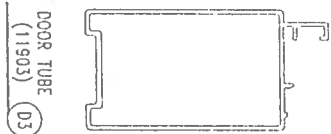
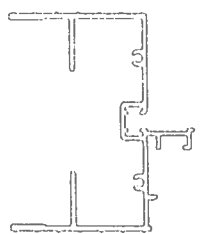
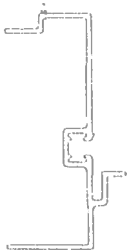
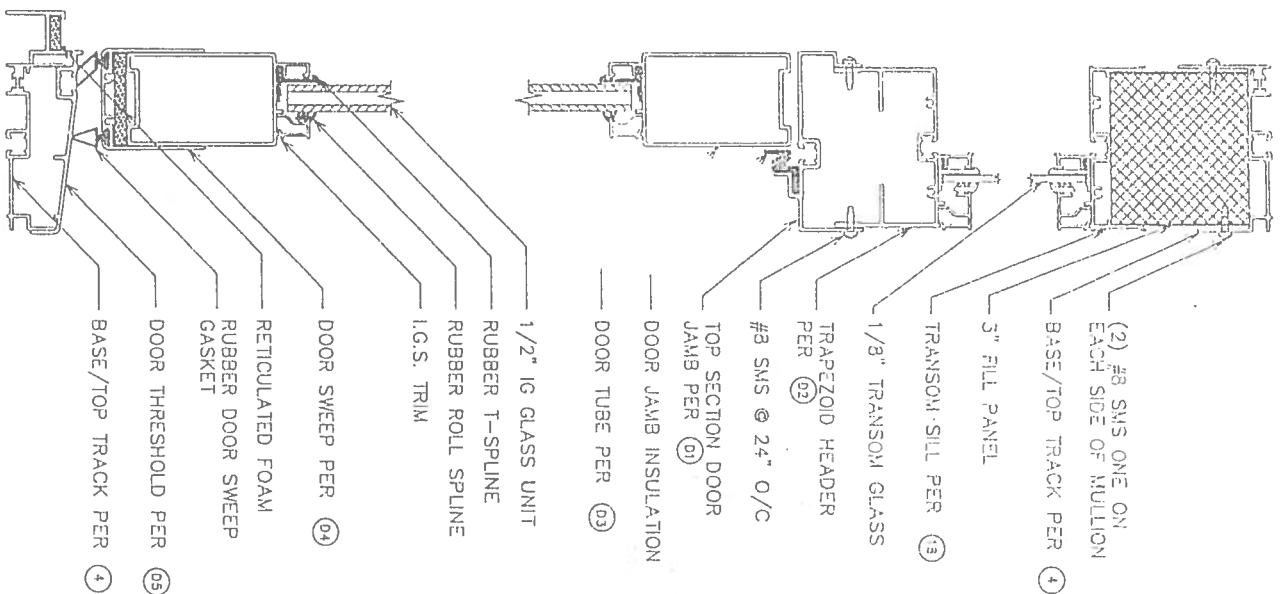
3.00" SUNROOM
TEMPERED GLASS
WINDOW DETAILS

STILES

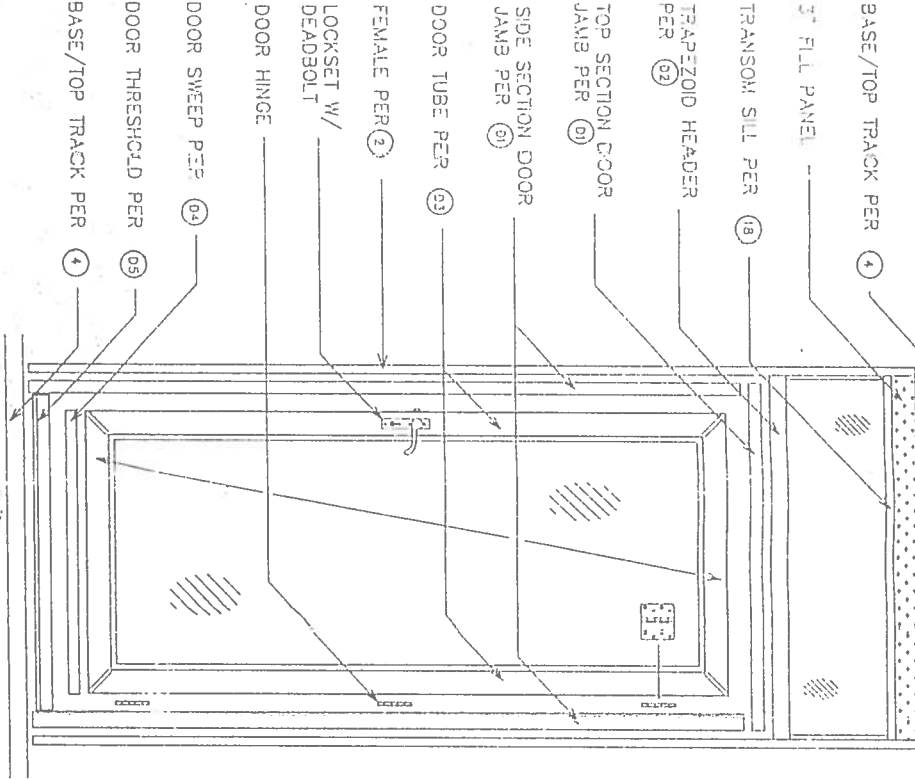
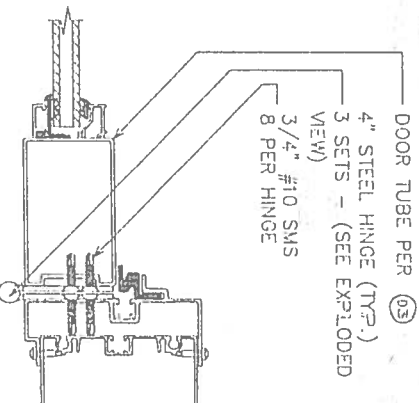
521

JANUARY 10, 2008
ROBERT A WILZ, PO
20400 HILL ROAD
CLINTON TWP, MI
48035/PE-00404

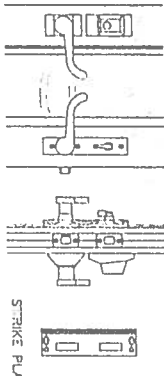
SIDE CROSS SECTION



TOP CROSS SECTION



EXPLODED VIEW



LOCKSET DETAIL

ASSEMBLED DOOR GENERAL REQUIREMENTS AND CONDITIONS

1. TEMPO GLASS SUBJECT TO HUMAN IMPACT COMPLIES WITH SECTION 2-406 OF THE 2004 FLORIDA BUILDING CODE.
2. TEMPO GLASS INSTALLED IN JAMBS WITH BASIC WIND SPEEDS OF 120 MPH AND ORIENTED GLASS WITH SECTION 2-404 OF THE 2004 FLORIDA BUILDING CODE.
3. THE OPENINGS COMPLY WITH ALUMA 10/15/12 AS REQUIRED BY SECTION 8-9.1.3 OF THE 2003 INTERNATIONAL RESIDENTIAL CODE AND SECTION 1714.51 OF THE 2001 INTERNATIONAL BUILDING CODE.

DATE: JANUARY 15, 2006
PROJECT: A. WALL, 3500 N. W. 14th St., Ft. Lauderdale, FL 33309
DESIGNED BY: JFAIRBANKS
CHECKED BY: JFAIRBANKS
DATE: 01/10/06

Termo Inc.

20400 HALL ROAD • CLINTON TOWNSHIP • MICHIGAN 48031
810-288-0410 1-800-344-8356 FAX 810-286-5409

WHILE REQUIRED THESE PLANS HAVE BEEN SIGNED AND SEALED BY A PROFESSIONAL ENGINEER. ONLY AN ORIGINAL SIGNATURE WITH A RED WET STAMP ON AN UNREPRODUCED SEAL INDICATE THE VALIDITY OF THAT SIGNATURE.

ICC LEGACY REPORT P1C-5176
ICC LEGACY REPORT#H-5262-P
UL 582
FLORIDA PRODUCT APPROVAL 5595
FLORIDA PRODUCT APPROVAL 3557
(FLORIDA PRODUCT APPROVAL #1)

VOID IF SUBMITTED AFTER
JUNE 30, 2006

3.00" SUNROOM
DOOR PARTS
DETAILS & NOTES

DATE: JANUARY 15, 2006
PROJECT: A. WALL, 3500 N. W. 14th St., Ft. Lauderdale, FL 33309
DESIGNED BY: JFAIRBANKS
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