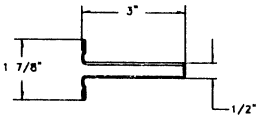
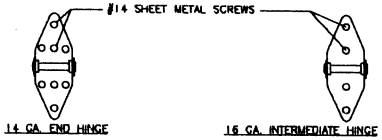
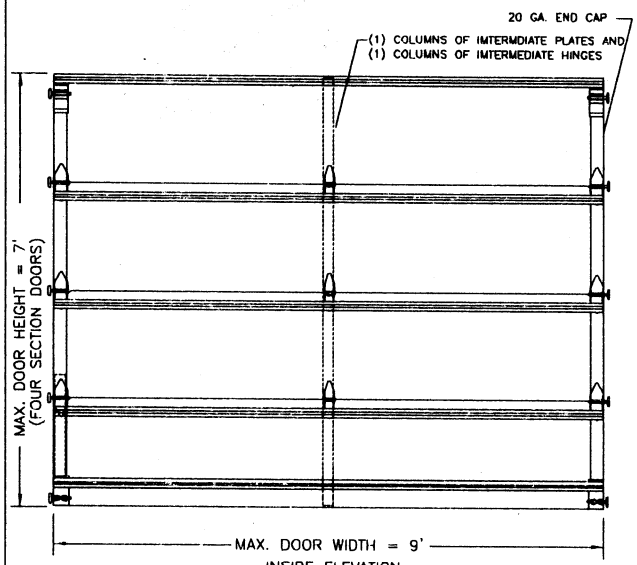
NOTE: THE DOOR MUST BE INSTALLED WITH EITHER AN ELECTRONIC OPERATOR OR A LOCKING DEVICE. EXTENSION SPRING DOORS MUST HAVE A TWO POINT LOCKING DEVICE IF NO OPERATOR IS INSTALLED.



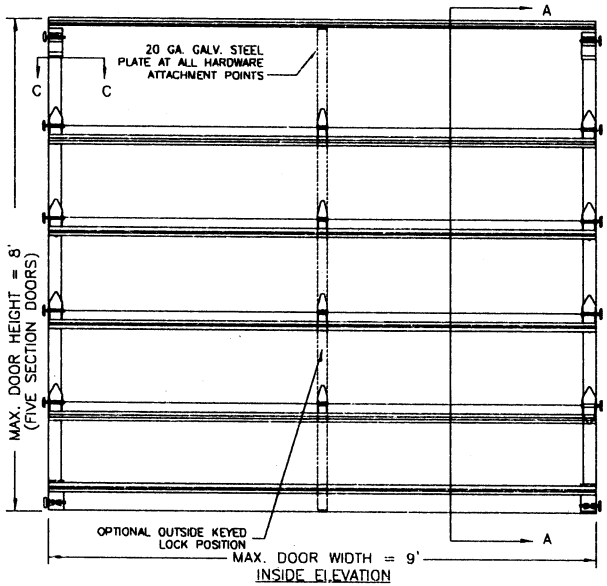
STRUT DETAIL



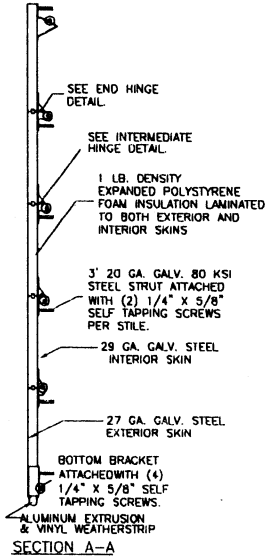
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	RELOCATED STRUTS	1/31/07	ABL
	B	CHANGED JAMB MATERIAL	3/6/07	ABL
	C	ADDED FOAM AND SKIN NOTES	3/7/07	ABL
	D	ADDED NOTE ABOUT JAMB ATTACHMENT DRAWINGS	7/12/07	ABL



INSIDE ELEVATION



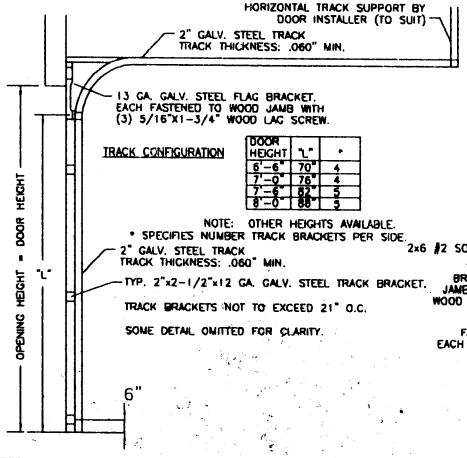
INSIDE ELEVATION



SECTION A-A

STRUT LOCATIONS	
7'	8'
4"	4"
18"	18"
39"	36"
60"	54"
83"	72"
	95"

NOTE: DOORS ARE AVAILABLE TO 14' HIGH IN SOME MODELS AND WIDTHS. REFER TO STRUT AND SECTION LOCATIONS TABLE FOR INFORMATION ON DOOR HEIGHTS NOT LISTED ON THIS DRAWING.

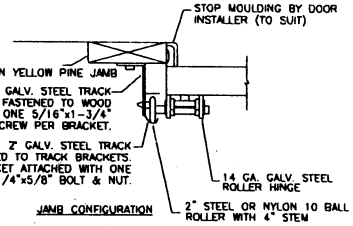


TRACK CONFIGURATION

DOOR HEIGHT	"L"	*
6'-6"	70"	4
7'-0"	76"	4
7'-6"	82"	5
8'-0"	88"	5

NOTE: OTHER HEIGHTS AVAILABLE.
* SPECIFIES NUMBER TRACK BRACKETS PER SIDE.

SEE DRAWINGS WL001 AND WL002 FOR ATTACHMENT OF WOOD TO BUILDING STRUCTURE.



JAMB CONFIGURATION

PREPARATION OF JAMBS BY OTHERS
SECTION C-C

NOTE: THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

DOORS WITH GLAZED SECTIONS ARE NOT QUALIFIED FOR USE IN WIND-BORNE DEBRIS REGIONS

MODEL: 238
DESIGN PRESSURE +31.0/-35.1 PSF TEST PRESSURE +46.5/-52.65 PSF

TESTED PER THE APPLICABLE REQUIREMENTS OF ANSI/DASMA 108-2002.

Ankmar Door Manufacturing Co., Inc.
4600 Kansas Ave.
KANSAS CITY, KANSAS 66106-1127

TITLE
WIND LOAD RATED RESIDENTIAL DOOR

DRAWN BY	SIZE	FSCM NO.	DWG NO.	REV
ABL 12/12/06	B		RES-OA-9-31	D
APPROVED ABL 12/12/06	SCALE N/A		SHEET 1 OF 1	

Ankmar Door
Test: CTLA 1622W-12
Ref No. 27001A

RES-OA-9-31

Joseph H. Dixon, Jr. P.E.
FL No. 7768
03/26/07

MODEL 238 SECTION ARRANGEMENTS AND STRUT LOCATIONS
+31.0 / -35.1 PSF (140 MPH EXPOSURE CATEGORY B)

DOOR HEIGHT	#1 SECT	#2 SECT	#3 SECT	#4 SECT	#5 SECT	#6 SECT	#7 SECT	#8 SECT	STRUT LOCATIONS #1 STRUT	#2 STRUT	#3 STRUT	#4 STRUT	#5 STRUT	#6 STRUT	#7 STRUT	#8 STRUT	#9 STRUT	NO. of TRACK BRKTS
6 - 0	18	18	18	18					4	15	33	51	71					4
6 - 3	21	18	18	18					4	18	36	54	74					4
6 - 6	21	18	18	21					4	18	36	54	77					4
6 - 9	21	21	18	21					4	18	39	57	80					4
7 - 0	21	21	21	21					4	18	39	60	83					4
7 - 6	18	18	18	18	18				4	15	33	51	69	89				5
7 - 9	21	18	18	18	18				4	18	36	54	72	92				5
8 - 0	21	18	18	18	21				4	18	36	54	72	95				5
8 - 3	21	21	18	18	21				4	18	39	57	75	98				5
8 - 6	21	21	21	18	21				4	18	39	60	78	101				5
8 - 9	21	21	21	21	21				4	18	39	60	81	104				5
9 - 0	18	18	18	18	18	18			4	15	33	51	69	87	107			6
9 - 3	21	18	18	18	18	18			4	18	36	54	72	90	110			6
9 - 6	21	18	18	18	18	21			4	18	36	54	72	90	113			6
9 - 9	21	21	18	18	18	21			4	18	39	57	75	93	116			6
10 - 0	21	21	21	18	18	21			4	18	39	60	78	96	119			6
10 - 3	21	21	21	21	18	21			4	18	39	60	81	99	122			6
10 - 6	21	21	21	21	21	21			4	18	39	60	81	102	125			6
10 - 9	21	18	18	18	18	18	18		4	18	36	54	72	90	108	128		7
11 - 0	21	18	18	18	18	18	21		4	18	36	54	72	90	108	131		7
11 - 3	21	21	18	18	18	18	21		4	18	39	57	75	93	111	134		7
11 - 6	21	21	21	18	18	18	21		4	18	39	60	78	96	114	137		7
11 - 9	21	21	21	21	18	18	21		4	18	39	60	81	99	117	140		7
12 - 0	18	18	18	18	18	18	18	18	4	15	33	51	69	87	105	123	143	7
12 - 3	21	18	18	18	18	18	18	18	4	18	36	54	72	90	108	126	146	7
12 - 6	21	18	18	18	18	18	18	21	4	18	36	54	72	90	108	126	149	8
12 - 9	21	21	18	18	18	18	18	21	4	18	39	57	75	93	111	129	152	8
13 - 0	21	21	21	18	18	18	18	21	4	18	39	60	78	96	114	132	155	8
13 - 3	21	21	21	21	18	18	18	21	4	18	39	60	81	99	117	135	158	8
13 - 6	21	21	21	21	21	18	18	21	4	18	39	60	81	102	120	138	161	8
13 - 9	21	21	21	21	21	21	18	21	4	18	39	60	81	102	123	141	164	8
14 - 0	21	21	21	21	21	21	21	21	4	18	39	60	81	102	123	144	167	8

STATE OF TEXAS
JOSEPH H. DIXON JR.
27
FL REGISTERED
PROFESSIONAL ENGINEER

9/19/07
TX 18627