



MASONRY WINDOW CHART

SIZE CODE	NUMBER	WIDTH X HEIGHT
12		19 7/8 x 26
13		19 7/8 x 38 3/8
14		19 7/8 x 50 5/8
14-5		19 7/8 x 56
15		19 7/8 x 63
16		19 7/8 x 72
16-5		19 7/8 x 76
1H32		27 1/4 x 26
1H33		27 1/4 x 38 3/8
1H34		27 1/4 x 50 5/8
1H34-5		27 1/4 x 56
1H35		27 1/4 x 63
1H36		27 1/4 x 72
1H36-5		27 1/4 x 76
22		37 3/4 x 26
23	1	37 3/4 x 38 3/8
24		37 3/4 x 50 5/8
24-5		37 3/4 x 56
25	3	37 3/4 x 63
26		37 3/4 x 72
26-5		37 3/4 x 76
32		53 7/8 x 26
33		53 7/8 x 38 3/8
34		53 7/8 x 50 5/8
34-5		53 7/8 x 56
35	1	53 7/8 x 63
36		53 7/8 x 72
36-5		53 7/8 x 76

	size code	width
TWIN	1/2 wide	53 7/8
	2 wide	74 7/8
	3 wide	107 1/8
TRIPLE	1/2 wide	80 1/2
	2 wide	112
	3 wide	160 3/8
QUAD	2 wide	149 1/8
	3 wide	213 5/8

CODES & DESIGN LOADS

JURISDICTION: OCALA, FL.
 PROJECT NAME: BOWMAN-FLIP.DWG
 PROJECT ADDRESS: MARION COUNTY
 ARCHITECT/ENGINEER: MARK KEELS
 TYPE OF CONSTRUCTION: CMU
 BUILDING DESIGN: CLOSED
 BUILDING CODE: FLORIDA BUILDING CODE - 2004 RESIDENTIAL
 PLUMBING CODE: FLORIDA PLUMBING CODE - 2004 RESIDENTIAL
 MECHANICAL CODE: FLORIDA MECH. & GAS CODE - 2004 RESIDENTIAL
 ELECTRICAL CODE: NATIONAL ELECTRICAL CODE - 2005
 SSTD CODE: N/A
 ASCE CODE: ASCE-7
 CONSTRUCTION TYPE: TYPE IV
 ALLOWABLE NO. OF FLOORS: ONE (1)
 WIND VELOCITY: 110 (M.P.H.) (3 SECOND GUST)
 FLOOR L.L.: 40 (P.S.F.) FLOOR D.L.: 10 (P.S.F.)
 ROOF L.L.: 20 (P.S.F.) ROOF D.L.: 6+4 B.C + T.C (P.S.F.)
 OCCUPANCY TYPE: R-3 IMPORTANCE FACTOR 1.0
 EXPOSURE B
 INTERNAL PRESSURE COEFFICIENT +/- 0.18
 MEAN BUILDING HEIGHT 15 FT. ROOF PITCH 6/12
 OVERHANG 1'-4" SHUTTERS NO
 IMPACT RESISTANT ASSEMBLY NO

These plans were designed using standard construction practices in Ocala, FL (Marion County). They conform to the 2004 Florida Building Code Residential and the 2005 National Electric Code and the 2005 life safety code (N.F.P.A.). Due to variations in local coded geological conditions, revisions may be required to these plans.
 It is the builders responsibility to make the necessary revisions to ensure code compliance and structural integrity. Southern Graphics & Design, Inc. assumes no liability for any changes made to these plans.
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DESIGN WIND LOADS FOR WINDOWS AND DOORS (PSF)		BUILDING TOTAL SQUARE FEET	
MEAN ROOF HEIGHT (MRH)	30 FEET	1229	LIVING/LEVEL 1
BASIC WIND SPEED	110 MPH	417	LIVING/LEVEL 2
SIZE OF WINDOW OR DOOR (SQ.FT.)	INTERIOR ZONE	37	GARAGE
	WITHIN 3' OF CORNERS AND BAY WINDOWS		LANAI (REAR)
	POS. NEG. POS. NEG.		FRONT PORCH
10	21.8 -23.6 21.8 -29.1		MISC.
20	20.8 -22.6 20.8 -27.2	1683	TOTAL
50	19.5 -21.3 19.5 -24.6		
100	18.5 -20.4 18.5 -22.6		

DESIGN WIND LOADS FOR GARAGE DOORS ARE FOR 110 MPH WIND SPEED AND CONFORM TO THE 2004 FLORIDA BUILDING CODE, TABLE 1609.68, PAGE 16.19

SYMBOL LEGEND

ELECTRICAL/HVAC

- EXTERIOR ELECTRICAL METER
- ELECTRICAL PANEL BOX (POWER SUPPLY)
- H.V.A.C. AIR HANDLER

APPLIANCES

- RANGE W/ MICROWAVE
- REFRIGERATOR
- WASHER
- DRYER

WINDOWS

- EXTERIOR WOOD WINDOW
- EXTERIOR MASONRY WINDOW
- MEDICINE CABINET @ 48" AFF

DOORS

- INTERIOR LOUVERED BI-FOLD DOOR
- INTERIOR OR EXTERIOR HINGE TYPE DOOR

PLUMBING

- W.H.
- STD. TOILET
- DBL. KIT. SINK
- BATH ROOM VANITY/SINK
- 60" TUB W/ SHOWER
- EXTERIOR HOSE BIBB @ 16" AFF
- WASHER BOX @ 36" AFF

BUILDERS NOTES:

- * 8' CMU PLATE HEIGHT UNLESS NOTED
- * 2"x4" INTERIOR WOOD CONSTRUCTION UNLESS NOTED.
- * ALL ANGLED WALLS ARE SET AT 45 DEGREES UNLESS NOTED
- * OWNER/BUILDER RESERVES THE RIGHT TO ALTER NON-BEARING INTERIOR WALLS DURING CONSTRUCTION.
- * VERIFY ALL ROUGH OPENINGS WITH DOOR AND WINDOW MANUFACTURER
- * ASSUMED SOIL BEARING CAPACITY 2 KSF.
- * CONCRETE TO BE 2500 MIN. PSI. @ 28 DAYS
- * REINFORCING STEEL TO BE GRADE 40 OR BETTER
- * CONTRACTOR/OWNER TO REVIEW FLOOR PLANS AND CHECK DIMENSIONS PRIOR TO CONSTRUCTION. SOUTHERN GRAPHICS & DESIGN ASSUMES NO RESPONSIBILITY FOR DESIGN, STRUCTURAL, OF ENGINEERING DEFECTS. CONTRACTOR ASSUMES ALL LIABILITIES