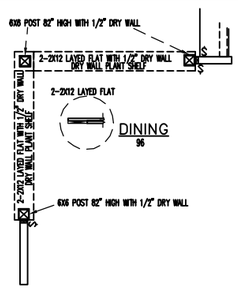
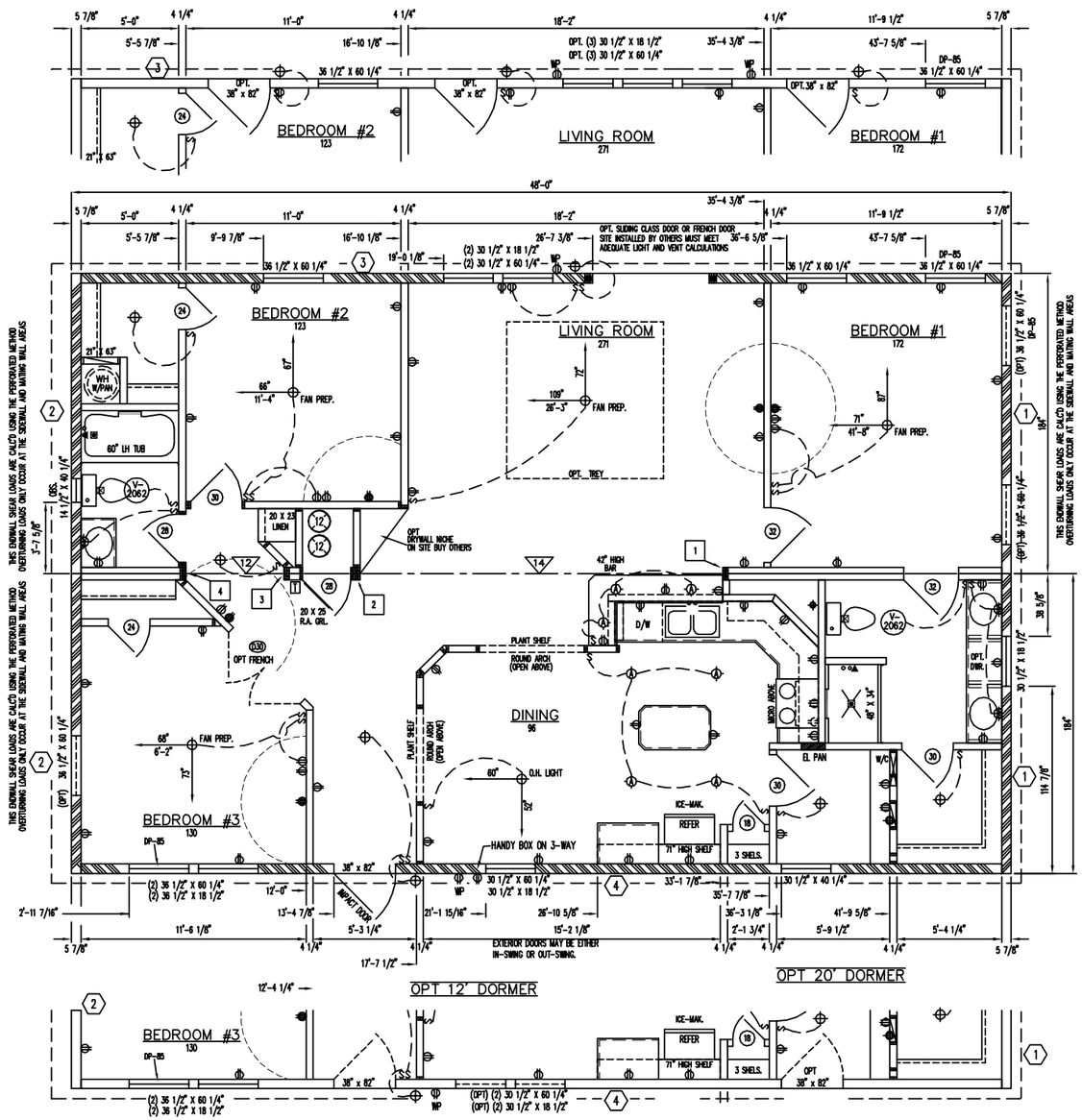
OPT DINNING ROOM PLANT SHELF



STD BEDROOM #3 DOOR



R-30 ROOF INSULATION

R-19 WALL INSULATION

R-19 FLOOR INSULATION
SHIP LOOSE

HIGH IMPACT WINDOWS

BUILD ALL WALLS 108" HIGH

THE MAIN SUPPLY DUCT FROM THE AIR HANDLER to opposite section of the home and the RETURN AIR (JUMP) DUCTS FROM BEDROOM 2 AND BEDROOM 3 INTO THE HALLWAY, CROSS THE MATING LINE AND MUST BE CONNECTED BY THE INSTALLATION CREW WHEN THE HOME IS ASSEMBLED ON-SITE. PLEASE REFER TO THE AC PAGE(S) IN THIS PACKAGE FOR MORE DETAILS

ROOF DEPT.
USE 36" X 181" FLAT RAFTERS
BOTH SECTIONS

(3) 2x12 P.T. PERIMETER JOISTS
2x2 P.T. LEDGER BOARD ALONG THE SIDEWALL (OPEN) WEB FLOOR JOISTS (NON-P.T.) AT 16" O.C. MAX. SPACING.
PLYWOOD FLOOR DECKING

WINDOW SCHEDULE
CUSTOM WINDOWS - THERMAL PANE - LOW E WINDOWS

WINDOW SIZE W x L	AREA (SQ. FT.)	LIGHT PROVIDED (SQ. FT.)	VENT PROVIDED (SQ. FT.)
18 x 66	15.872	7.789	0
18 x 58	9.164	7.789	0
18 x 40	9.643	2.12	1.08
18 x 60	14.435	3.41	1.74
18 x 66	15.872	3.82	1.74
24 x 12	2.935	7.789	0
24 x 40	9.643	4.1	2.19
24 x 54	12.997	0	0
24 x 60	14.435	6.68	3.56
30 x 18	4.372	3.331	0
30 x 27	6.528	3.9	1.73
30 x 40	9.643	5.44	2.85
30 x 60	14.435	8.84	4.64
30 x 64	15.393	9.52	5
34 x 34	8.206	7.789	0
36 x 18	4.372	7.789	0
36 x 40	9.643	6.71	3.49
36 x 60	14.435	10.91	5.71
38 x 8	4.914	7.789	0
72 x 13	8.511	13.491	0

DOOR SCHEDULE

DOOR SIZE W x L	AREA (SQ. FT.)	LIGHT PROVIDED (SQ. FT.)	VENT PROVIDED (SQ. FT.)
38 x 82	21.639	0	0
38 x 82	21.639	4.7391	0
38 x 82	21.639	5.7	0
72 x 80	40	32.54	16.06
108 x 80	57.162	48.81	24.09

WHEN ANY DWELLING IS INSTALLED SUCH THAT THE DISTANCE FROM GRADE TO THE BOTTOM OF THE WINDOWS EXCEEDS THE 75' LADDER RESCUE RANGE OF THE FIRE DEPARTMENT, THE WINDOWS ABOVE THE INTERIOR FINISHED FLOOR SHALL HAVE WINDOW GUARDS MEETING THE REQUIREMENTS SET FORTH IN SECTION R65 OF THE FLORIDA RESIDENTIAL CODE INSTALLED (WHITE BY OTHERS)

CONFORMS TO 2010 FLORIDA RES. CODE

FLOOR PLAN

WHEN FOUNDATION PLANS ARE DESIGNED BY OTHERS, JACOBSEN HOMES AND ITS THIRD PARTY APPROVAL AGENCIES ALONG WITH THE ARCHITECT AND/OR ENGINEER OF THE BUILDING PLANS SHALL NOT BE HELD RESPONSIBLE OR LIABLE FOR THE FOUNDATION DESIGN AND/OR CONSEQUENTIAL PERFORMANCES OF THE SUPERSTRUCTURES STRUCTURAL COMPONENTS & SYSTEMS RELATING THERETO.

INTERIOR DOOR SCHEDULE

	18	6'-0" DBL. 36" SWING	19	6'-0" DBL. 36" SWING	20	5'-0" DBL. 36" SWING	21	4'-0" DBL. 36" SWING	22	2'-6" 36" SWING	23	2'-0" 36" SWING	24	2'-0" 36" SWING	25	2'-0" 36" SWING	26	5'-0" 36" SLIDING	27	2'-6" 36" SLIDING	28	2'-0" 36" SLIDING	29	2'-0" 36" SLIDING
	30	6'-0" DBL. 32" SWING	31	6'-0" DBL. 32" SWING	32	5'-0" DBL. 32" SWING	33	4'-0" DBL. 32" SWING	34	2'-6" 32" SWING	35	2'-0" 32" SWING	36	2'-0" 32" SWING	37	2'-0" 32" SWING	38	5'-0" 32" SLIDING	39	2'-6" 32" SLIDING	40	2'-0" 32" SLIDING	41	2'-0" 32" SLIDING
	42	6'-0" 18" SWING	43	6'-0" 18" SWING	44	5'-0" 18" SWING	45	4'-0" 18" SWING	46	2'-6" 18" SWING	47	2'-0" 18" SWING	48	2'-0" 18" SWING	49	2'-0" 18" SWING	50	5'-0" 24" SLIDING	51	2'-6" 24" SLIDING	52	2'-0" 24" SLIDING	53	2'-0" 24" SLIDING
	54	6'-0" 18" SWING	55	6'-0" 18" SWING	56	5'-0" 18" SWING	57	4'-0" 18" SWING	58	2'-6" 18" SWING	59	2'-0" 18" SWING	60	2'-0" 18" SWING	61	2'-0" 18" SWING	62	5'-0" 36" BI-FOLD	63	2'-6" 36" BI-FOLD	64	2'-0" 36" BI-FOLD	65	2'-0" 36" BI-FOLD
	66	6'-0" 60" BI-FOLD	67	6'-0" 60" BI-FOLD	68	5'-0" 60" BI-FOLD	69	4'-0" 60" BI-FOLD	70	2'-6" 60" BI-FOLD	71	2'-0" 60" BI-FOLD	72	2'-0" 60" BI-FOLD	73	2'-0" 60" BI-FOLD	74	5'-0" 72" BI-FOLD	75	2'-6" 72" BI-FOLD	76	2'-0" 72" BI-FOLD	77	2'-0" 72" BI-FOLD

FLOOR PLAN NOTES:

1. SOME ITEMS SHOWN MAY BE OPTIONAL.
2. FOUNDATION IS INSTALLED ON-SITE, BY OTHERS AND IS SUBJECT TO ALL STATE AND LOCAL CODES AND INSPECTIONS.
3. SOME ITEMS SHOWN MAY BE ON-SITE, BY OTHERS. SITE ITEMS MAY VARY, NOT COVERED BY THESE APPROVED PLANS.
4. WHEN INSTALLED, ANY GARAGE FLOOR AND REQ'D FOUNDATION ARE ON-SITE, BY OTHERS.
5. FOUNDATION VENTILATION IS ON-SITE, BY OTHERS.
6. ALL RAMPS, STAIRS, & RAILS ARE ON-SITE BY OTHERS.
7. AC AND HEATING UNITS ARE PROVIDED BY OTHERS & INSTALLED ON-SITE, BY OTHERS.
8. SEE FLORIDA ENERGY CALCS FOR MIN. HVAC SPECS.
9. ANY PORCH SOFFIT IS INSTALLED ON-SITE, BY OTHERS.
10. THIS BUILDING MAY BE MIRRORED WITHOUT ANY RE-APPROVAL OF THESE PLANS (MAY BE "FLIPPED" SIDE TO SIDE AND/OR END TO END - OR BOTH).
11. DIMENSIONS SHOWN ARE ACTUAL FLOOR SIZE, EXT. SHEATHING, SIDING, ETC., ARE NOT INCLUDED.
12. IF THIS PLAN IS SHOWN WITH A PORCH, THE PORCH MAY BE OMMITED/REMOVED WITHOUT ANY REAPPROVAL OF THE PLAN/PACKAGE. CONVERSELY, IF THIS PLAN IS NOT SHOWN WITH A PORCH ONE MAY BE ADDED WITHOUT ANY REAPPROVAL OF THE PLAN/PACKAGE.
13. HITCH MAY BE LOCATED AT EITHER END OF BUILDING WITHOUT ANY RE-APPROVAL OF THESE PLANS.
14. THIS PLAN MAY BE CONSTRUCTED AS EITHER AN ON-FRAME OR AN OFF-FRAME BUILDING WITHOUT ANY RE-APPROVAL OF THESE PLANS. NOTE THAT THE FLR. SYSTEM (JOIST SIZES) CHANGES - SEE COSTR. PKG.
15. SEE NOTES 4 & 5 SITE PREP./FOUNDATION ON COVER.

OFF-FRAME-SPECIAL

JACOBSEN HOMES
M44810W-M636*

BY	
C	
D	MFT-68-44810W-M636*
PB	
SF	

© 5/21/2012

HITCH

MOD-636
180 MPH
(ULTIMATE)
EXPOSURE D
MRH = 30 FEET
OFF-FRAME-SPECIAL

LIGHT AND VENT CALCULATIONS

ROOM NAME	ROOM AREA (SQ. FT.)	LIGHT REQ'D (SQ. FT.)	LIGHT PROV'D (SQ. FT.)	VENT REQ'D (SQ. FT.)	VENT PROV'D (SQ. FT.)	PASS / FAIL
BEDROOM #1	172	13.76	21.82	6.88	11.42	PASS
BEDROOM #2	123	9.84	10.91	4.92	5.71	PASS
BEDROOM #3	130	10.4	21.82	5.2	11.42	PASS
LIVING ROOM	271	21.68	17.68	10.84	9.28	FAIL
DINING ROOM	96	7.68	8.84	3.84	4.64	PASS

ANY ATTACHMENTS TO THIS STRUCTURE SHALL BE COMPLETELY SELF SUPPORTING AND SHALL NOT TRANSFER AND/OR INDUCE LOADS AND/OR OTHER FORCES ONTO THIS BUILDING/STRUCTURE.

LEGEND - FLOOR PLAN SYMBOLS

12 OR 14	12" OR 14" RETURN AIR DROP (TYP.)
12	12" DUCT RISER LOCATION (TYP.)
12 12	AIR HANDLER LOCATION (TYP.)
	SHEARWALL
1	SHEARWALL DESIGNATOR (SEE TABLE)
1	COLUMN LOCATION (SEE TABLE)
11 7/8" 14" OR 15 7/8"	RIDGE BEAM
WALL CEIL	SMOKE ALARMS (WALL & CEILING)
	COMB. CO/SMOKE ALARM(S)

REFER TO APPROVED CONSTRUCTION MANUAL

COMMON SUPPORTS

MAXIMUM WW HEIGHT: 108"
DESIGN ROOF LOAD: 20 PSF

DESIGN WIND SPEED: 180 MPH - Vult (Ultimate)
MEAN ROOF HEIGHT (MRH): 30 FEET
EXPOSURE CATEGORY: D

COL. NUM.	COL. TYPE	STUD NUM.	STUD TYPE	BRG. BLOCK OR TRUSS	SPAN (FEET)	COMBINED UPLIFT LOAD (POUNDS)	COL. NUM.	COL. TYPE	STUD NUM.	STUD TYPE	BRG. BLOCK OR TRUSS	SPAN (FEET)	COMBINED UPLIFT LOAD (POUNDS)
1	3	3	2x4	N	18.5	3710	5	0	0	0	N	0	0
	3	3	2x4	N	18.5			0	0	0	N	0	
2	3	3	2x4	N	18.5	6000	6	0	0	0	N	0	0
	3	3	2x4	N	18.5			0	0	0	N	0	
3	2	2	2x4	N	5.083	2000	7	0	0	0	N	0	0
	2	2	2x4	N	5.083			0	0	0	N	0	
4	2	2	2x4	N	5.083	1651	8	0	0	0	N	0	0
	2	2	2x4	N	5.083			0	0	0	N	0	

SHEARWALL DESIGN SPEC'S:

UNLESS OTHERWISE SPECIFIED, THE OVERTURNING FORCE IS AT EACH END OF ALL SHEAR-WALL SEGMENTS.

		MWFRS LOADS	
1	DESIGN SHEAR VALUE: 368 PLF OVERTURNING FORCE: 3316 LBS	5	A = 65.77 PSF B = 21.75 PSF C = 43.86 PSF D = 12.48 PSF DESIGN SHEAR VALUE: 0 PLF OVERTURNING FORCE: 0 LBS
2	DESIGN SHEAR VALUE: 260 PLF OVERTURNING FORCE: 2338 LBS	6	DESIGN SHEAR VALUE: 0 PLF OVERTURNING FORCE: 0 LBS
3	DESIGN SHEAR VALUE: 499 PLF OVERTURNING FORCE: 4491 LBS	7	DESIGN SHEAR VALUE: 0 PLF OVERTURNING FORCE: 0 LBS
4	DESIGN SHEAR VALUE: 341 PLF OVERTURNING FORCE: 3073 LBS	8	DESIGN SHEAR VALUE: 0 PLF OVERTURNING FORCE: 0 LBS

AREA RESERVED FOR LISTING AGENCY APPROVAL STAMPS:

CONSTRUCTION TYPE	V-B	ROOFS LOADS	0
OCCUPANCY	R-3	PER ASTM-E-1886 & PER TRUSS	0
WIND VELOCITY	180 MPH Vult (Ultimate)	WIND EXPOSURE OF SITE	1
WIND EXPOSURE CATEGORY	D	SITE VELOCITY (PERMANENT)	NO
MEAN HEIGHT ROOF PERMITTED	30 FEET	MANUFACTURER	JACOBSEN HOMES
ALLOWABLE ROOF LOADS	20 PSF	PLAN NO.	MFT-68-44810W-M636*

SECTION 553.80 (1)(1) & (2) F.S. SPECIFICALLY EXEMPTS STATE APPROVED MANUFACTURED (MODULAR) BUILDINGS, BEARING THE DCA INSIGNIA, FROM FURTHER PLAN REVIEW BY ANY LOCAL CODE ENFORCING AGENCY(IES). THE INSIGNIA ISSUED BY THE FLORIDA DEPARTMENT OF COMMUNITY AFFAIRS (DCA) ATTESTS THAT THE PLANS HAVE BEEN REVIEWED & THE BUILDING HAS BEEN INSPECTED BY A STATE APPROVED THIRD PARTY AGENCY & FOUND TO BE COMPLIANT WITH THE FLORIDA BUILDING CODES(S) LISTED

COMPLIES W/ 2010 FLORIDA RES. CODE,

MICHAEL TOMKO P.E.
FLORIDA LICENSE NO: 63802
22020 COUNTY ROAD 18, SUITE A
GOSHEN, IN 46528
(574) 830-5315

THIS STRUCTURE HAS BEEN DESIGNED FOR ERECTION AND / OR INSTALLATION ON A SITE BUILT PERMANENT FOUNDATION AND IS NOT DESIGNED TO BE MOVED ONCE SO ERECTED OR INSTALLED.

MFT-68-44810W-M636*
180 MPH - Vult (Ultimate)

FLOOR PLAN LAYOUT

REVISIONS

	BY	DATE
1		
2		
3		
4		
5		

DRAWN:	C.YOUNG
CHECKED:	M.T./N.T.
DATE:	5/21/2012
SCALE:	3/16" = 1'-0"

SHEET: 2 OF 12

WS:	Exposure D
DWS:	180 MPH
MODEL:	MOD-636

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