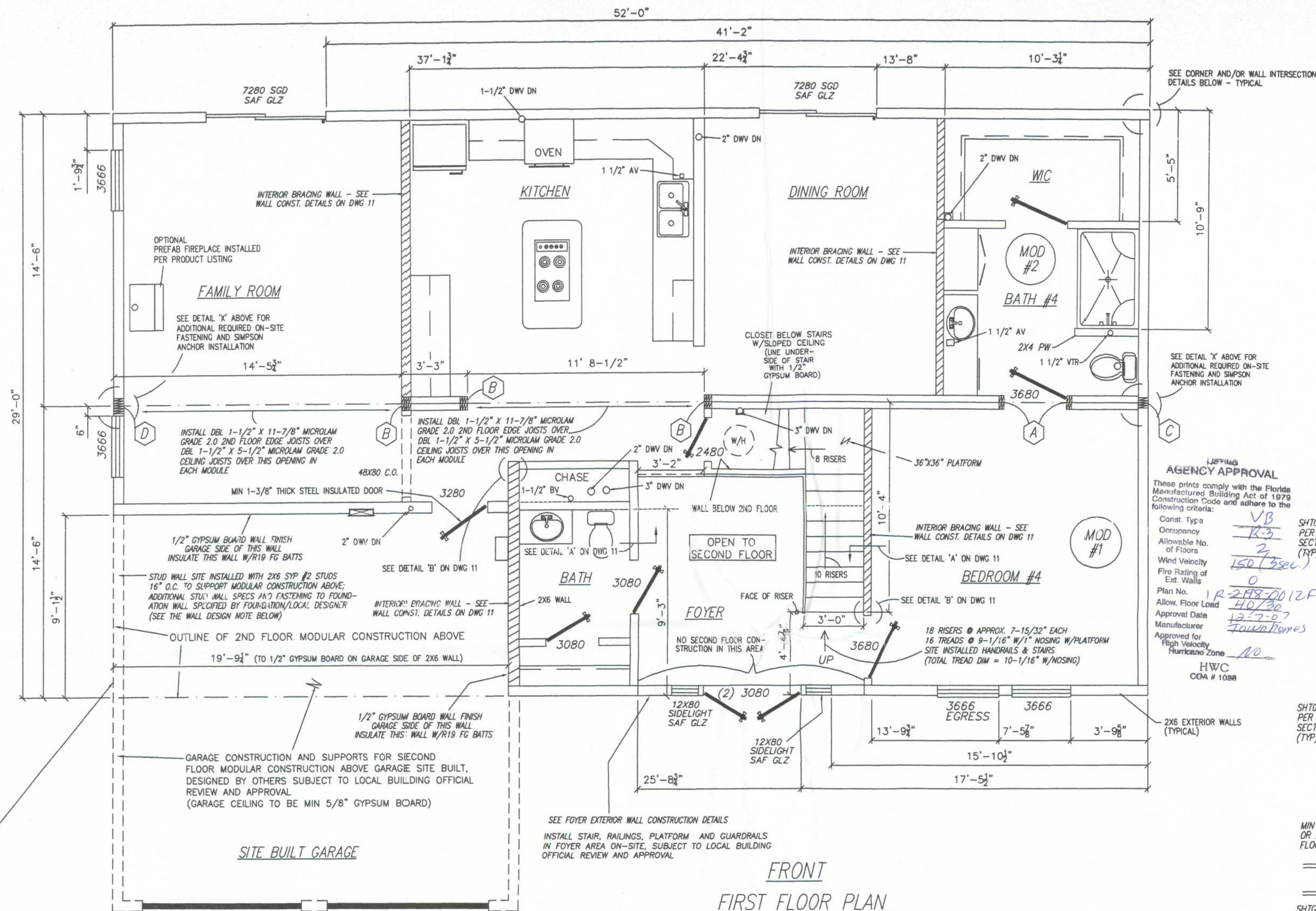


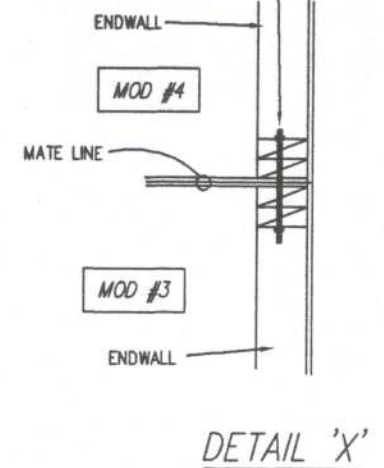


THE GARAGE WALL SUPPORTING MODULE #3 ABOVE MUST BE DESIGNED TO RESIST THE WIND SHEAR LOADS FROM MODULE #3 EQUAL TO A MINIMUM OF 600 PLF FOR EACH LINEAR FOOT OF MODULE #3 SUPPORTED OR A TOTAL HORIZONTAL LOAD OF 600 X 14.5=8700 LBS IN ADDITION TO THE LOADS APPLIED TO THIS WALL FROM THE GARAGE CONSTRUCTION AND THE UPLIFT WIND FORCES FROM THE 2ND FLOOR SHEAR WALL (CS14) ANCHORS. THIS GARAGE WALL SHEAR WALL DESIGN IS CRITICAL TO PROVIDING ADEQUATE SUPPORT TO THE STRUCTURE TO RESIST THE CODE MANDATED DESIGN WIND LOADS.

NOTE: ALL DIMENSIONS NEGLECT THE OSB OR PLWOOD SHEATHING ON THE EXTERIOR WALLS AND MARRIAGE WALLS

NOTE: THE INSTALLATION OF ANCHORS FROM THE FIRST FLOOR FLOOR FRAMING AND/OR FIRST FLOOR WALL STUDS TO THE FOUNDATION TO BE SPECIFIED BY THE FOUNDATION DESIGNER

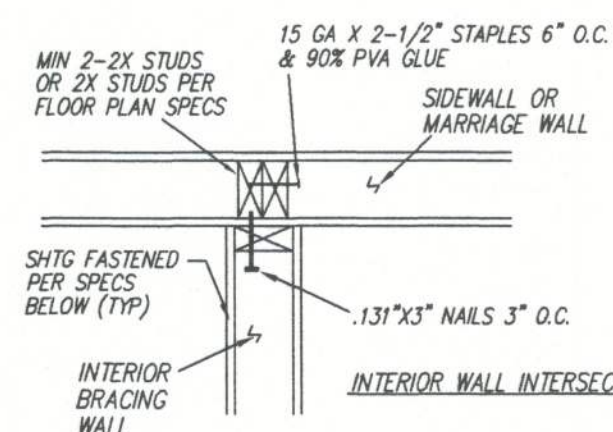
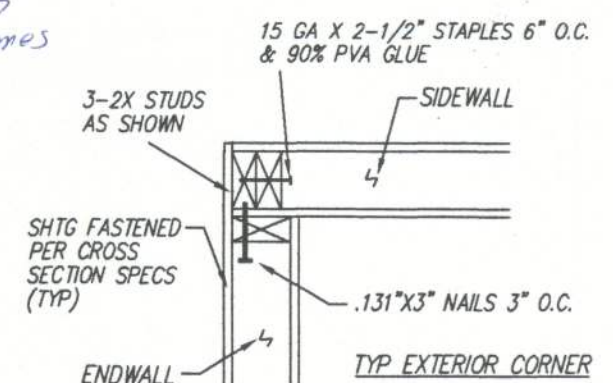
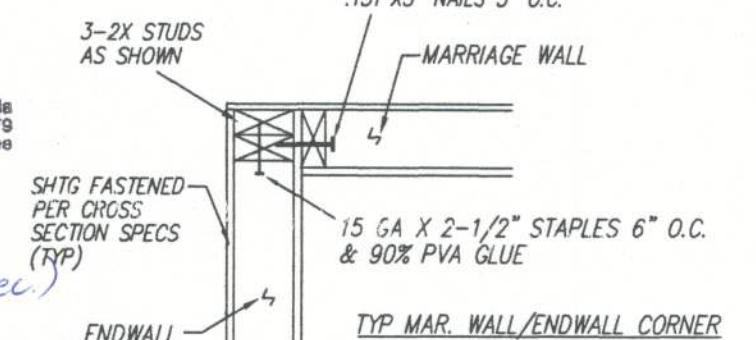
INSTALL 1/2" CARRIAGE BOLTS W/NUTS AND WASHERS EACH END 10" O.C. ALONG STUD LENGTH AS SHOWN BEFORE ENCLOSING ENDWALLS WITH SHEATHING/ INTERIOR FINISH



AGENCY APPROVAL

These prints comply with the Florida Manufactured Building Act of 1979 Construction Code and adhere to the following criteria:

Const. Type: VB
Occupancy: R-3
Allowable No. of Floors: 2
Wind Velocity: 150 (3sec)
Fire Rating of Ext. Walls: 0
Plan No.: 1 R-248-0012F
Allow. Floor Load: 40/30
Approval Date: 12-7-07
Manufacturer: Townhomes
Approved for High Velocity Hurricane Zone: 10
HWC COA # 1088



1ST FLOOR ENDWALL/BRACING WALL INTERSECTION DETAILS

LIGHT & VENT CHART	FLOOR AREA SQ. FT.	LIGHT REQUIRED	VENT REQUIRED
		PROVIDED	PROVIDED
DINING ROOM	132.2	10.58	5.29
FAMILY ROOM	263.7	>10.58	>5.29
KITCHEN	194.8	21.10	10.55
BEDROOM #4	182.2	>21.10	>10.55
		15.58	7.79
		14.58	7.29
		21.32	11.84
* ART. LIGHT AND MECH. VENTILATION PROVIDED			

WINDOW & DOOR SCHEDULE					
WIDTH	HEIGHT	TYPE	LIGHT SQ FT	VENT SQ FT	
36"	66"	Single hung	10.66	5.92	
34"	80"	Door			
36"	80"	Door			

NOTE: All windows to be double hung w/insulated glazing All egress windows must comply w/FBC-R Section R310 (U=.34 max w/SHGC = .27; PGT Industries Series DH-560)

All Exterior doors to be insulated (U=.52) except Sliding Glass Doors and/or Patio Doors to have U=.36 max All Interior partitions 2x4 studs @ 16" O.C. SPF #3 min. unless otherwise noted.

All straps referenced on the floor plan are 1-1/2" x 26 GA steel with 8-15 GA x 1" staples each end from ridge beam to stud and stud to edge joist(s) or from header to stud and stud to edge joist(s) (STRAP Fy=44 KSI MIN)

COLUMN AND STRAPPING SCHEDULE

A	3-2x4 SYP #2 STUDS AND 2 STRAPS EA. HALF **
B	3-2x4 SYP #2 STUDS AND 4 STRAPS EA. HALF **
C	2-2x6 SYP #2 STUDS AND 3 STRAPS EA. HALF **
D	3-2x6 SYP #2 STUDS AND 4 STRAPS EA. HALF **

** GLUE/NAIL STUDS TOGETHER IN EACH HALF W/90% PVA GLUE AND 15 GA X 1" PENET STA 6" O.C.

TOWN HOMES LLC

P.O. BOX 1059
LAKE CITY, FLORIDA 32056

DATE: 11/21/06

CODES: FBC

LABELS: FL

SCALE: 1/4" = 1'-0"

MODEL: 2901-1001

FIRST FLOOR FLOOR PLAN

PLAN NO. TH-2R

SHEET 2 OF 12

WILLIAM J. KALKER, JR., P.E.

CONSULTING ENGINEER
P.E. LICENSE #33841

33 ROCKWOOD LANE
MONROE, CT 06468
(203) 261-1167

DRAWN BY: C.A. Leblanc