

R302.12 Driptopping. In combustible construction where there is usable space both above and below the concealed space of a floor/ceiling assembly, driptopping shall be installed so that the area of the concealed space does not exceed 1,000 square feet (92.9 m<sup>2</sup>). Driptopping shall divide the concealed space into approximately equal areas. Where the assembly is enclosed by a floor membrane above and a ceiling membrane below, driptopping shall be provided in floor/ceiling assemblies under the following circumstances:

1. Ceiling is suspended under the floor framing.
2. Floor framing is constructed of truss-type open-web or perforated materials.

R302.12.1 Materials. Driptopping materials shall not be less than 1/2-inch (12.7 mm) thick approved board 3/8-inch (9.5 mm) wood structural panel or other approved material and be adequately supported. Driptopping shall be installed parallel to the floor framing members unless otherwise approved by the building official. The integrity of the driptopping shall be maintained.

DESIGN CRITERIA			
DESIGN CONFORMS TO FLORIDA BUILDING CODE, 2010 SEC. 1606, AND FBRC 2010 SEC. 3 AND ASCE 7-10			
WIND SPEED, MPH	130	FLOOR LIVE LOAD, PSF	40
WIND EXPOSURE	B	FLOOR DEAD LOAD, PSF	15
WIND IMPORTANCE FACTOR	1.0	ROOF LIVE LOAD, PSF	16
BUILDING CATEGORY	II	ROOF DEAD LOAD, PSF	20
INTERNAL PRESSURE COEFF.	-0.18	ROOF UPLIFT PSF	15
CONSTR. TYPE	V-B	DESIGN WIND SPEED, MPH	2,000
OCCUPANCY	R3		

COMPONENTS & CLADDING PSF: SEE SEPARATE TABLE  
SEE SHEET S1 FOR ADDITIONAL NOTES

R302.5.1 Opening protection. Openings from a private garage directly into a room used for sleeping purposes shall not be permitted. Other openings between the garage and residence shall be equipped with solid wood doors not less than 1 3/8 inches (35 mm) in thickness, solid or honeycomb core steel doors not less than 1 3/8 inches (35 mm) thick, or 20-minute fire-rated doors.

R302.6 Dwelling garage fire separation. The garage shall be separated as required by Table R302.6. Openings in garage walls shall comply with Section R302.5; this provision does not apply to garage walls that are perpendicular to the adjacent dwelling unit wall.

Garage Ceiling shall be 3/8-inch Type X gypsum board  
Garage to house wall shall have 1/2" Type X gypsum board

**NOTE**  
ALL LIMITS ON THIS HOUSE TO BE 8x8 ALL C.M.U. WALLS WITHOUT OPENINGS  
GROUT FILLED W/ (1) #5 REBAR U.N.O. AND W/ VERTICAL REBAR AT EACH END  
SEE SHEET S2 FOR UNTEL. SCHEDULE

**FRAME WALLS**  
ALL FRAME WALLS TO BE 2x4 W/ STUDS BEARING WALL LOCATIONS  
@ 16" OC, UNLESS NOTED OTHERWISE.

#### TRUSS INFORMATION

ROOF FRAMING PLAN AND DIAGRAMMATIC TRUSS LAYOUT FOR REFERENCE ONLY  
ALL TRUSS PROPERTIES ARE STANDARD U.N.O.  
ROOF SYSTEM TO BE ENGINEERED ROOF TRUSSES INSTALLED ACCORDING TO MANUFACTURER SPECIFICATION  
MANUFACTURER TO PROVIDE COMPLETE ENGINEERING AND INSTALLATION INSTRUCTIONS  
SLOPE AND OVERHANG AS DESIGNATED ON PLANS (TYP)  
CONFORM ALL MEASUREMENTS, PLATE HIGHS, AND BEARING CONDITIONS BEFORE INSTALL  
MANUFACTURED ENGINEERING PLAN AND INSTRUCTIONS IS THE PREFERRED PLAN  
ALL TRUSSES AND GIRDERS TO BE CONNECTED WITH SIMPSON FASTENERS OR APPROVED EQUAL, ENGINEERED TO MEET ROOF MANUFACTURER SPECIFICATION  
ALL CONNECTORS TO MEET OR EXCEED ALL UPLIFT REQUIREMENTS AS DETERMINED BY ENGINEERED TRUSS PLAN

ROOF DESIGN LIVE LOADS 20 PSF  
ROOF DESIGN DEAD LOADS 25 PSF  
FLOOR DESIGN LIVE LOADS 40 PSF  
FLOOR DESIGN DEAD LOADS 15 PSF

#### ENGINEERING NOTES

ENGINEER HAS CHECKED THE ATTACHED DESIGN FOR IT'S STRUCTURAL COMPLIANCE WITH FLORIDA BUILDING CODE 2010 RESIDENTIAL, AND IS NOT RESPONSIBLE FOR THE DESIGN'S ARCHITECTURAL AND/OR DRAINAGE CRITERIA (IE - DIMENSIONS, AESTHETICS, CONTINUITY OF THE LAYOUT, ETC.)  
ANY DISCONTINUITY IN DESIGN IS THE RESPONSIBILITY OF THE ARCHITECT OR DRAFTSMAN.  
THE ENGINEERING DETAILS SHOWN HEREIN SHALL CONTROL. IF THERE IS A DIFFERENCE OF CONNECTOR SPECIFICATIONS IN ANY OTHER PART OR PORTION OF THE PLAN SET.  
TRUSS CONNECTIONS SPECIFIED BY THE TRUSS MANUFACTURER SHALL CONTROL.

THE ENGINEER HAS NOT REVIEWED THE PRE-ENGINEERED TRUSS MANUFACTURE LAYOUT TO DETERMINE ANY LOAD BEARING CONDITIONS AND RESERVES THE RIGHT TO MAKE ANY CHANGES AFTER TRUSS LOAD INFORMATION IS SUPPLIED TO THE ENGINEER.

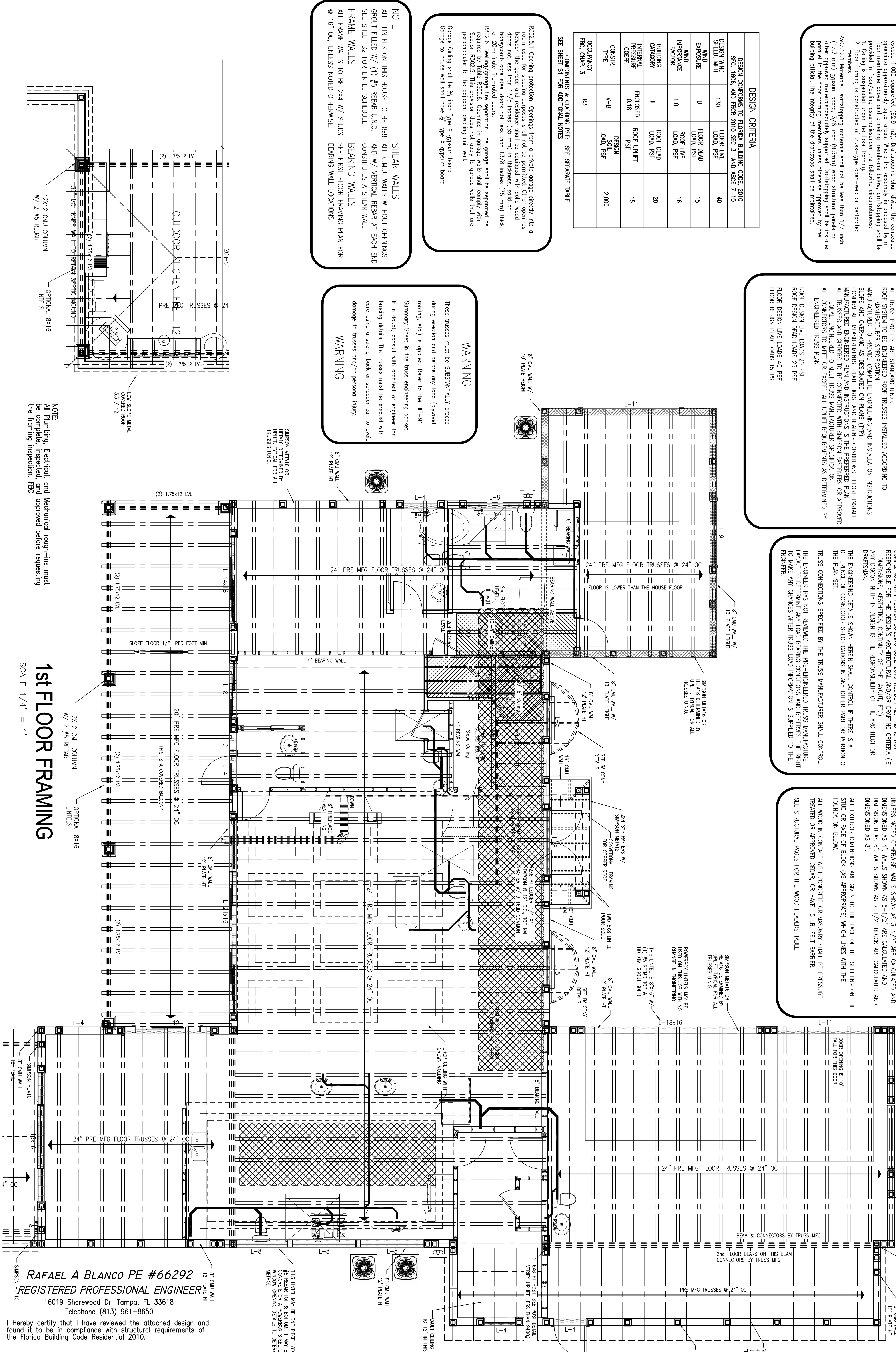
#### FRAMING NOTES

ALL INTERIOR DIMENSIONS ARE GIVEN TO THE INDICATED CENTER OF THE STUD UNLESS NOTED OTHERWISE. WALLS SHOWN AS 3-1/2" ARE CALCULATED AND DIMENSIONED AS 4". WALLS SHOWN AS 5-1/2" ARE CALCULATED AND DIMENSIONED AS 6". WALLS SHOWN AS 7-1/2" BLOCK ARE CALCULATED AND DIMENSIONED AS 8".

ALL EXTERIOR DIMENSIONS ARE GIVEN TO THE FACE OF THE SHEETING ON THE STUD OR FACE OF BLOCK (AS APPROPRIATE), WHICH LINES WITH THE FOUNDATION BELOW.

ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED OR APPROVED CEDAR, OR HAVE 15 LB. FELT BARRIER.  
SEE STRUCTURAL PAGES FOR THE WOOD HEADERS TABLE.

Approved For Permit



**NOTE:**  
All Plumbing, Electrical, and Mechanical rough-ins must be complete, inspected, and approved before requesting the framing inspection. FBC

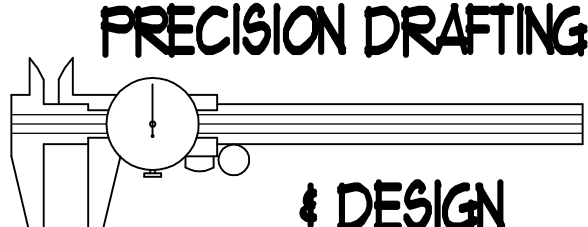
## 1st FLOOR FRAMING

SCALE 1/4" = 1'

**RAFAEL A BLANCO PE #66292**  
**REGISTERED PROFESSIONAL ENGINEER**

16019 Sharewood Dr. Tampa, FL 33618  
Telephone (813) 961-8650

I hereby certify that I have reviewed the attached design and found it to be in compliance with structural requirements of the Florida Building Code Residential 2010.



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# FRAMING PLAN

**Bash & Paula Maharaj**  
8432 North Mobley Road  
Odessa, Florida 33556

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