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CONSULTING ENGINEERS
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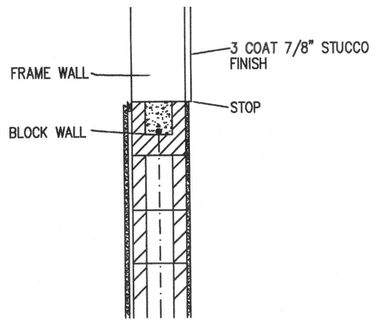
STATE OF FLORIDA
PAUL D. KIDWELL, P.E.
C.O.A. #8121 FL Reg #52683

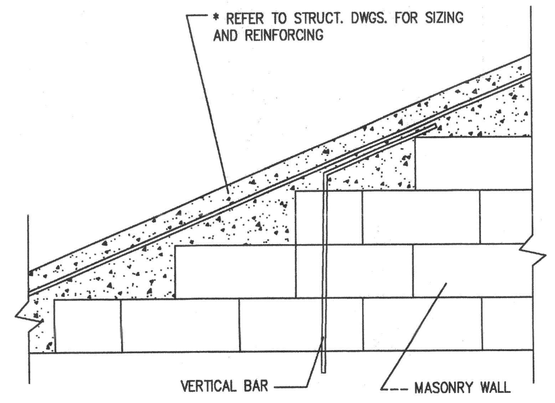
SEALED FOR STRUCTURE ONLY

I HEREBY CERTIFY THAT I HAVE REVIEWED THE ATTACHED TRUSS DESIGN DRAWINGS AND FIND THEM IN COMPLIANCE WITH CHAPTER 16B OF THE FLORIDA BUILDING CODE (ED. 2001) FOR DESIGN PRESSURES GENERATED BY A DESIGN WIND VELOCITY OF 130 M.P.H.

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

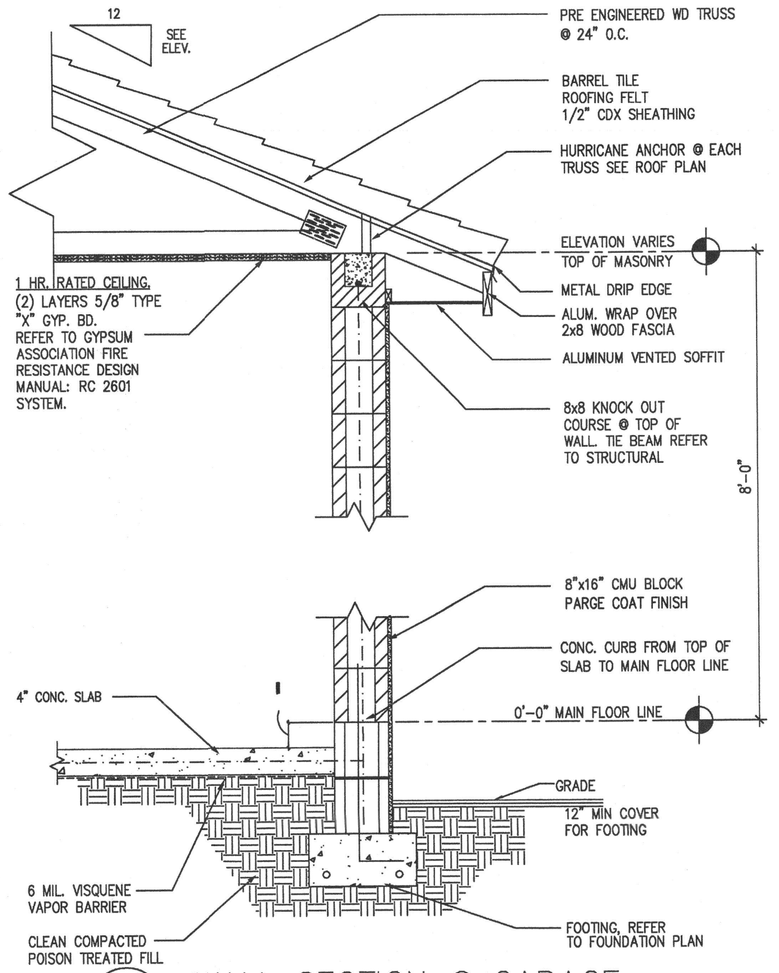


STUCCO TO FRAME WALL
SCALE: 3/4"=1'-0"

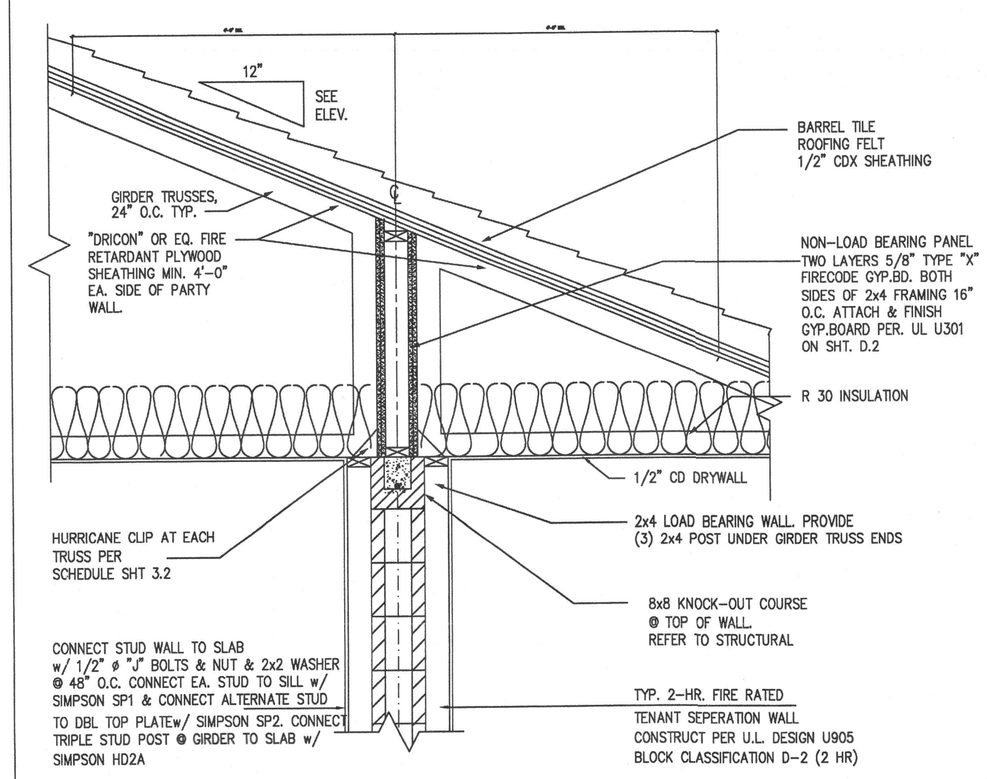


G 4 HOUR SEPARATION WALL BEAM DETAIL
SCALE: 3/4"=1'-0"

*NOTE: REFER TO STRUCT. DWGS. FOR SIZING AND REINFORCING



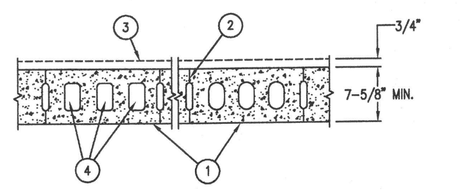
D WALL SECTION @ GARAGE
SCALE: 3/4"=1'-0"



E DETAIL OF MIN. 2 HOUR SEPERATION PERPENDICULAR TO ROOF TRUSSES AT LIVING SPACE
SCALE: 3/4"=1'-0"

Classified UL System
U901

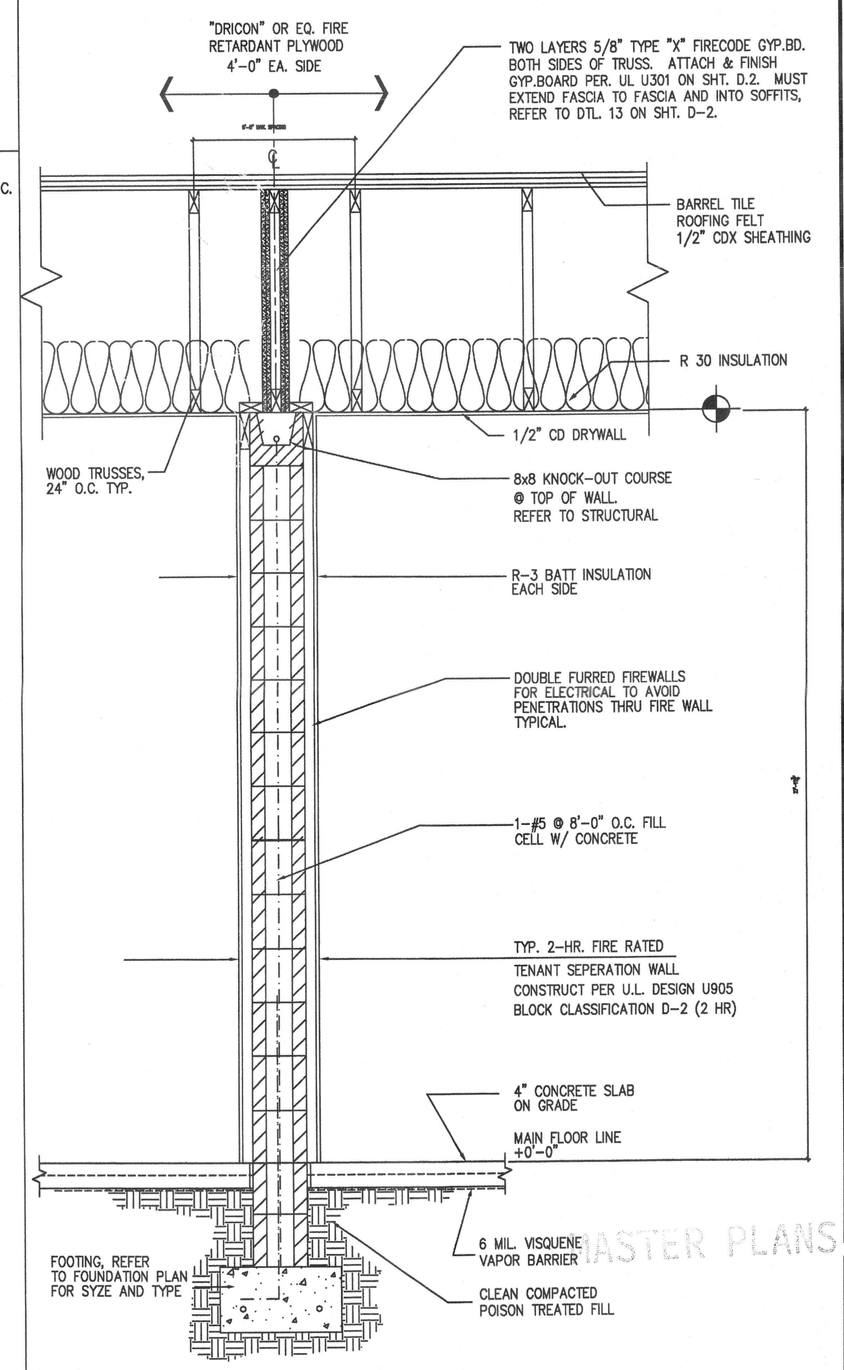
BEARING WALL RATING = 4 HR.
NONBEARING WALL RATING = 4 HR.



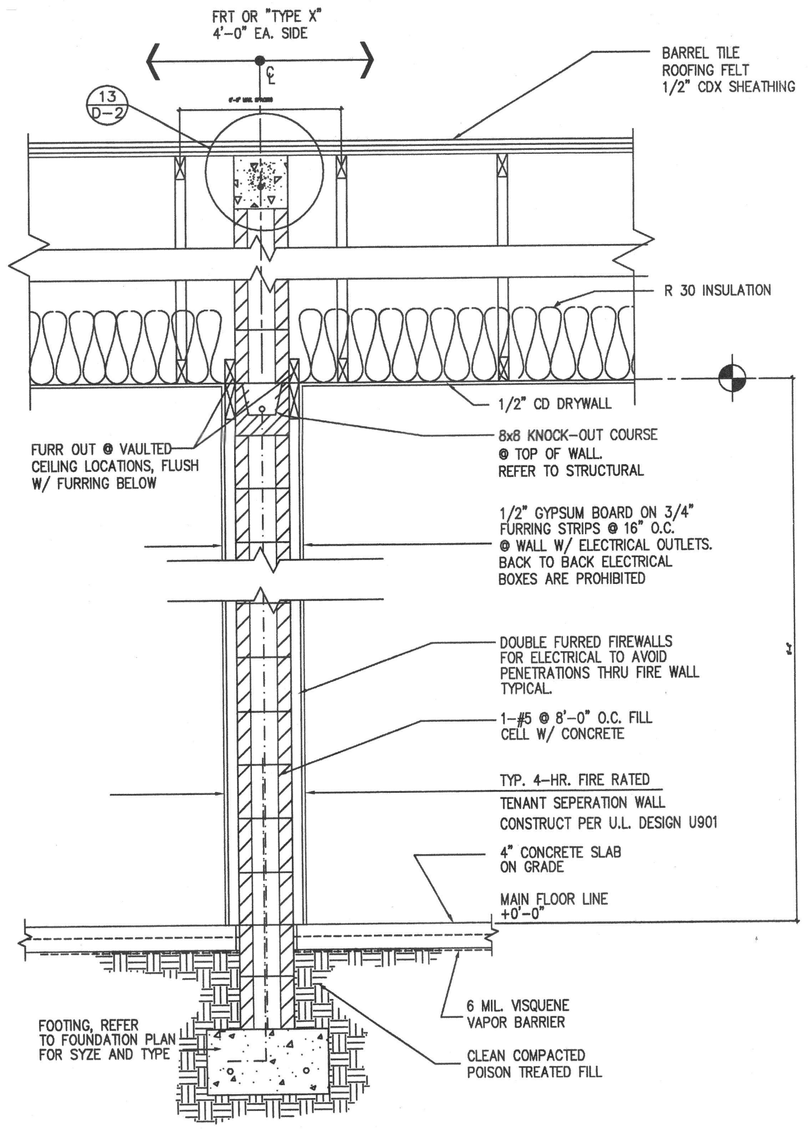
1. CONCRETE BLOCKS*---VARIOUS DESIGNS. CLASSIFICATION B-4 (4 HR.). SEE CONCRETE BLOCK CATEGORY FOR LIST OF ELIGIBLE MANUFACTURERS.
2. MORTAR---BLOCKS LAID IN FULL BED OF MORTAR, NOM. 3/8 IN. THICK, OF NOT LESS THAN 2-1/4 AND NOT MORE THAN 3-1/2 PARTS OF CLEAN SHARP SAND TO 1 PART PORTLAND CEMENT (PROPORTIONED BY VOLUME) AND NOT MORE THEN 50 PERCENT HYDRATED LIME (BY CEMENT VOLUME). VERTICAL JOINTS STAGGERED.
3. PORTLAND CEMENT STUCCO OR GYPSUM PLASTER--- IF USED, ADD 1/2 HR TO CLASSIFICATION.
4. LOOSE MASONRY FILL---IF ALL CORE SPACES ARE FILLED WITH LOOSE DRY EXPANDED SLAG, BURNED CLAY OR SHALE (ROTARY KILN PROCESS), WATER REPELLANT VERMICULITE MASONRY FILL INSULATION, CLASS D-2 (2 HR) OR C-3 (3 HR) CONCRETE BLOCKS WILL PROVIDE A 4 HR. FIRE RESISTANCE RATING.

*BEARING THE UL CLASSIFICATION MARKING

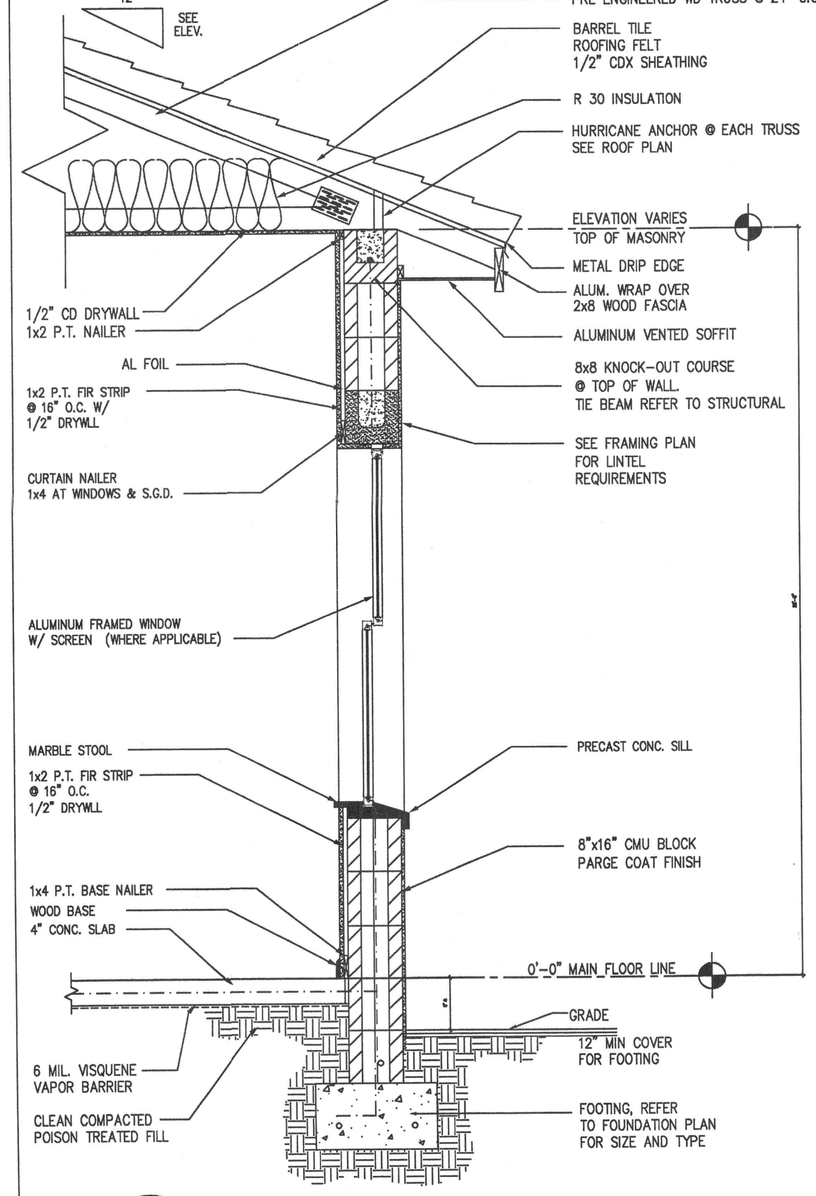
H MIN 4 HOUR WALL
SCALE: 3/4"=1'-0"



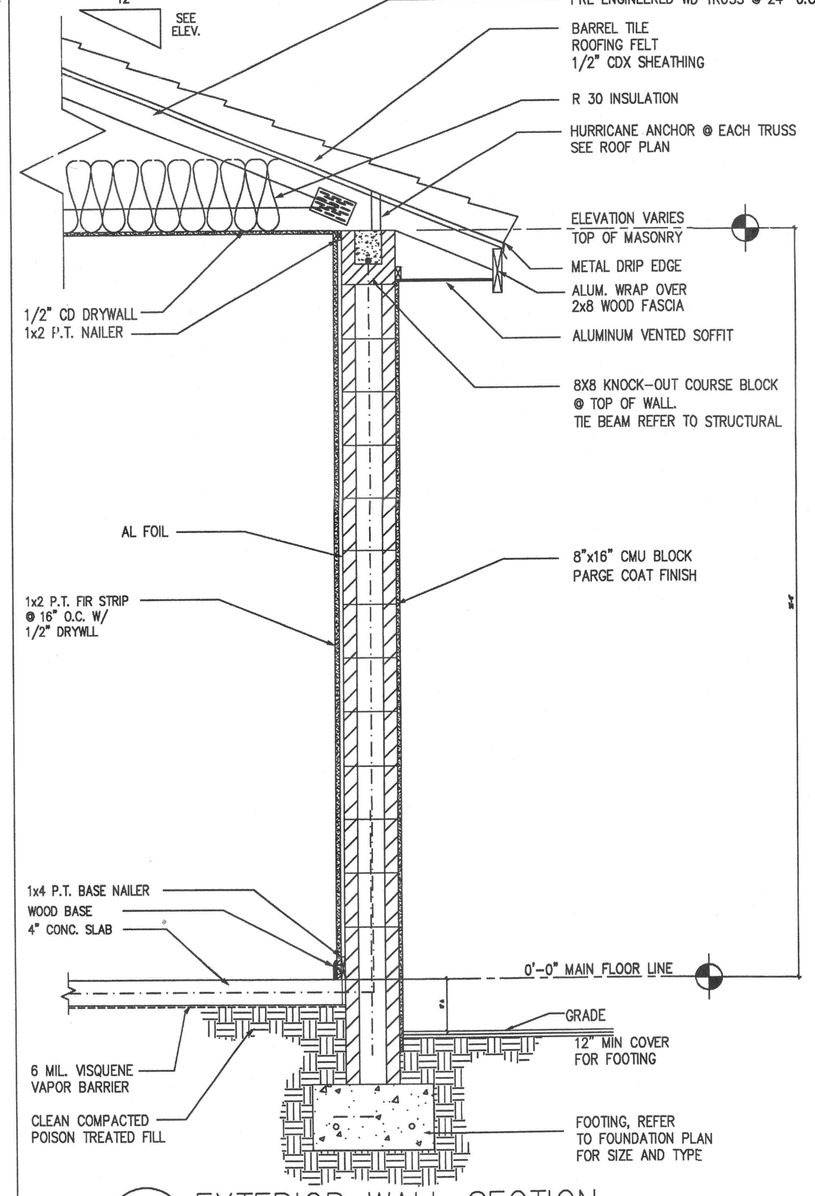
A MIN 2 HOUR UNIT SEPARATION WALL
SCALE: 3/4"=1'-0"



F MIN 4 HOUR UNIT SEPARATION WALL
SCALE: 3/4"=1'-0"



C WALL @ WINDOW SECTION
SCALE: 3/4"=1'-0"



B EXTERIOR WALL SECTION
SCALE: 3/4"=1'-0"

RYLAND HOMES

ISSUED PERMIT SET 9-29-04

Herons Glen
Fort-Myers, Florida

JOB NO.	T24000
PROJ. MGR.	REC
DRAWN BY	RR
CHECKED BY	REC

STD

SHEET TITLE: WALL SECTIONS DETAILS

SHEET: D-1

MASTER PLANS