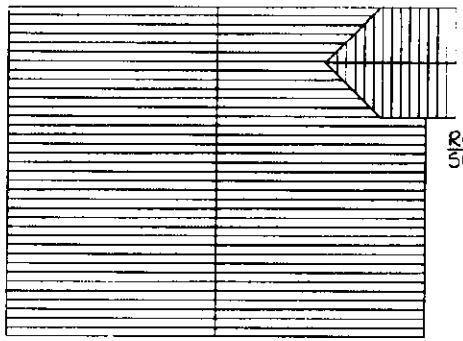
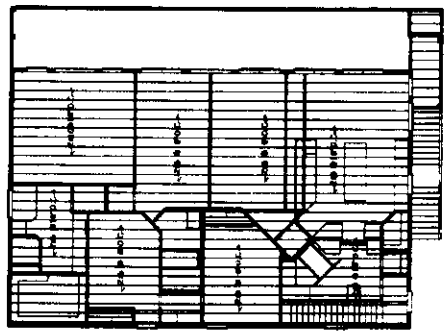


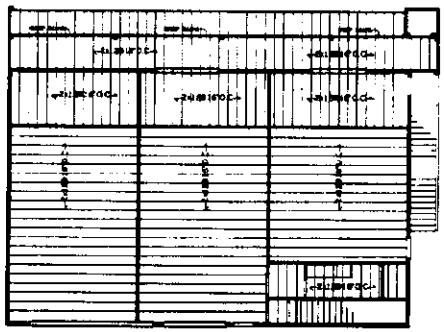
ROOF PLAN
SC: 1/8" = 1'-0"

FOR IRC 2006 CODE: PURLINS TO SUPPORT ROOF LOADS MAY BE INSTALLED TO REDUCE THE SPAN OF RAFTERS WITH ALLOWABLE LIMITS AND SHALL BE SUPPORTED BY STRUTS TO BEARING WALLS THE MAX SPAN OF 8' x 6" PURLIN SHALL BE 6', BUT IN NO CASE SHALL THE PURLIN BE SMALLER THAN THE SUPPORTED RAFTER. STRUTS SHALL NOT BE SMALLER THAN 2"x4" MINIMUM. THE UNBRACED LENGTH OF STRUTS SHALL NOT EXCEED 8' & THE MIN. SLOPE OF THE STRUTS SHALL NOT BE LESS THAN 45° FROM THE HORIZONTAL. PROPER PURLINS OF THE SAME NOMINAL DIMENSIONS AS RAFTERS MUST ALL RAFTERS(HORIZONTAL) SPANS OVER 7'-8" FOR 2x6, 10'-0" FOR 2x8, 12'-8" FOR 2x10, 15'-6" FOR 2x12 AND BRACE TO PARTITIONS @48" O.C.

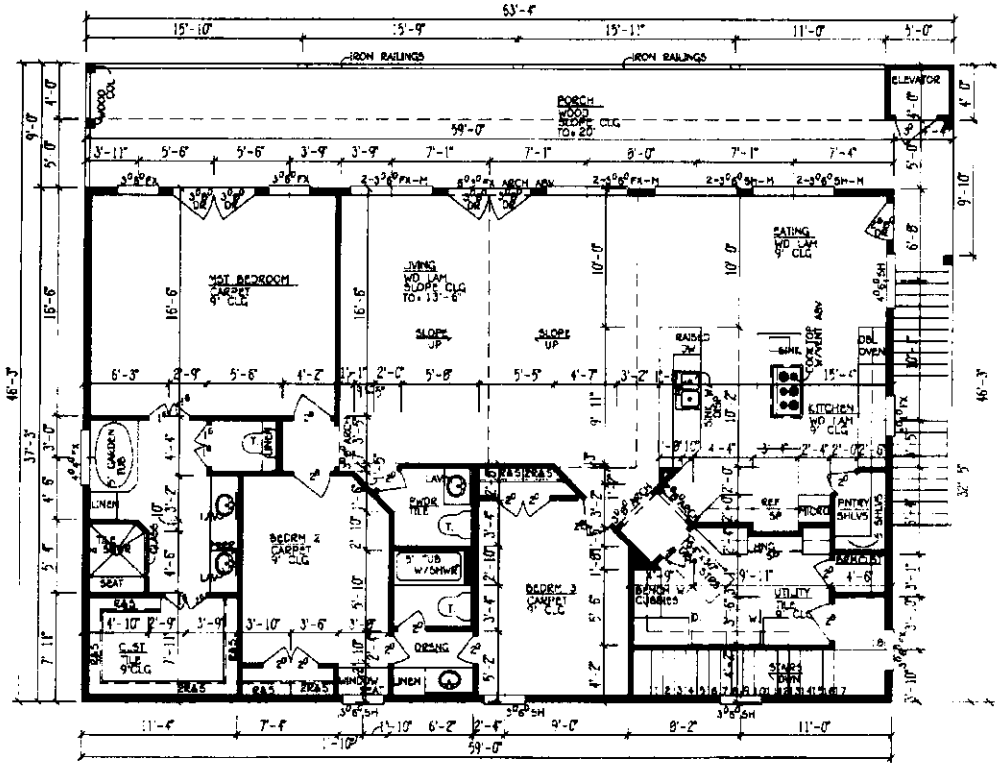
INNOVATIVE DESIGN SERVICES IS NOT A PROFESSIONAL FIRM, WE ARE NOT QUALIFIED TO NOR LICENSED TO DESIGN STRUCTURAL FRAMING OR FOUNDATIONS. A LICENSED PROFESSIONAL ENGINEER SHOULD BE CONSULTED REGARDING THE FRAMING AND FOUNDATION. SHOULD A ENGINEER'S SEAL BE PRESENT ON THESE DRAWINGS, THE ENGINEER OF RECORD SHALL BEAR THE RESPONSIBILITY FOR THE STRUCTURAL DESIGN. INNOVATIVE DESIGN SERVICES WILL NOT BE HELD RESPONSIBLE FOR THE STRUCTURAL DESIGN IN ANY WAY AND/OR ANY PROBLEMS WHICH MAY ARISE.



2ND FLR CLG FRMG PLAN
SC: 1/8" = 1'-0"



1ST FLR CLG FRMG PLAN
SC: 1/8" = 1'-0"



SECOND FLOOR PLAN
SC: 1/4" = 1'-0"

DATE 11/16/12
DRAWN BY PJM
CHECKED BY PJM
REVISED

INNOVATIVE DESIGN SERVICES

INNOVATIVE DESIGN SERVICES
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A NEW RESIDENCE FOR:
MR KEVIN BOX

SHEET 5 OF 7
PROJECT # 2227