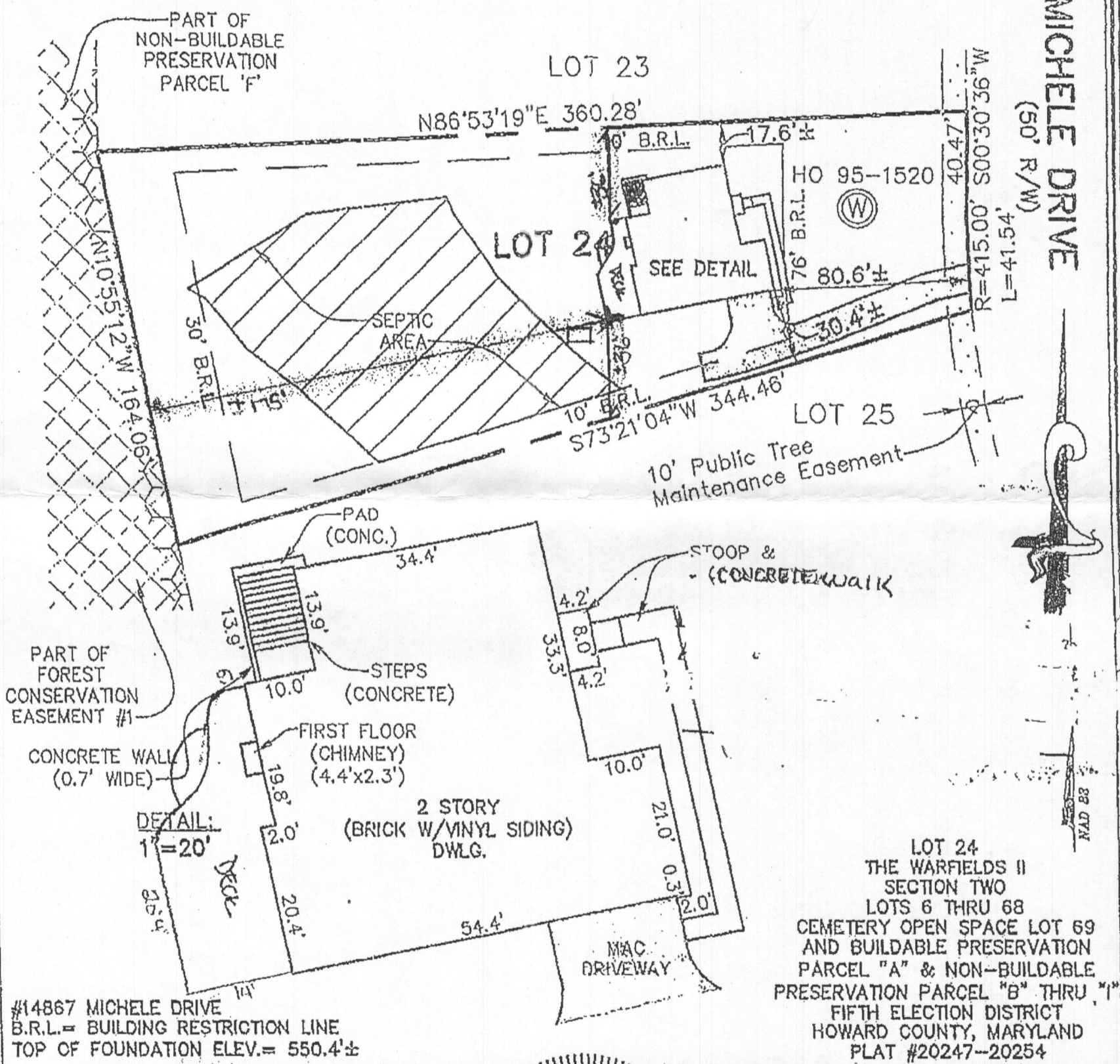
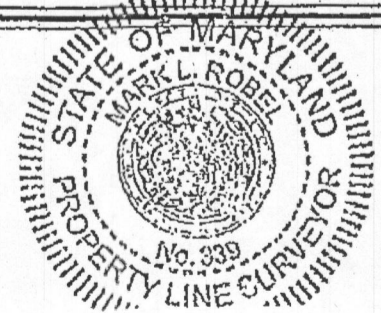


- OR LOCATIONS OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THIS LOCATION DRAWING DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING FOR RE-FINANCING.
- SUBJECT PROPERTY IS SHOWN IN ZONE C ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 2400440020-B EFFECTIVE DEC. 4, 1986.
 - THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF PLUS OR MINUS 1' (\pm)
 - NO TITLE REPORT FURNISHED. SUBJECT TO ALL EASEMENTS, RIGHTS OF WAY AND CONDITIONS OF RECORD.
 - THE EXISTING WELL(S) SHOWN ON THIS PLAN (IDENTIFIED WITH THE ATTACHED WELL TAG NUMBER HO-95-1520) HAS BEEN FIELD LOCATED BY FISHER, COLLINS AND CARTER, INC. PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.
 - PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROPERTY LINE SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 339, EXPIRATION DATE 10/04/2012.
 - BUILDING PERMIT NUMBER (B-12000640)



FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELICOTT CITY, MARYLAND 21042



HOUSE LOCATION DRAWING

FOUNDATION LOCATION: 4/30/12
 FINAL LOCATION: 6/20/12
 BOUNDARY SURVEY:

APPROVED

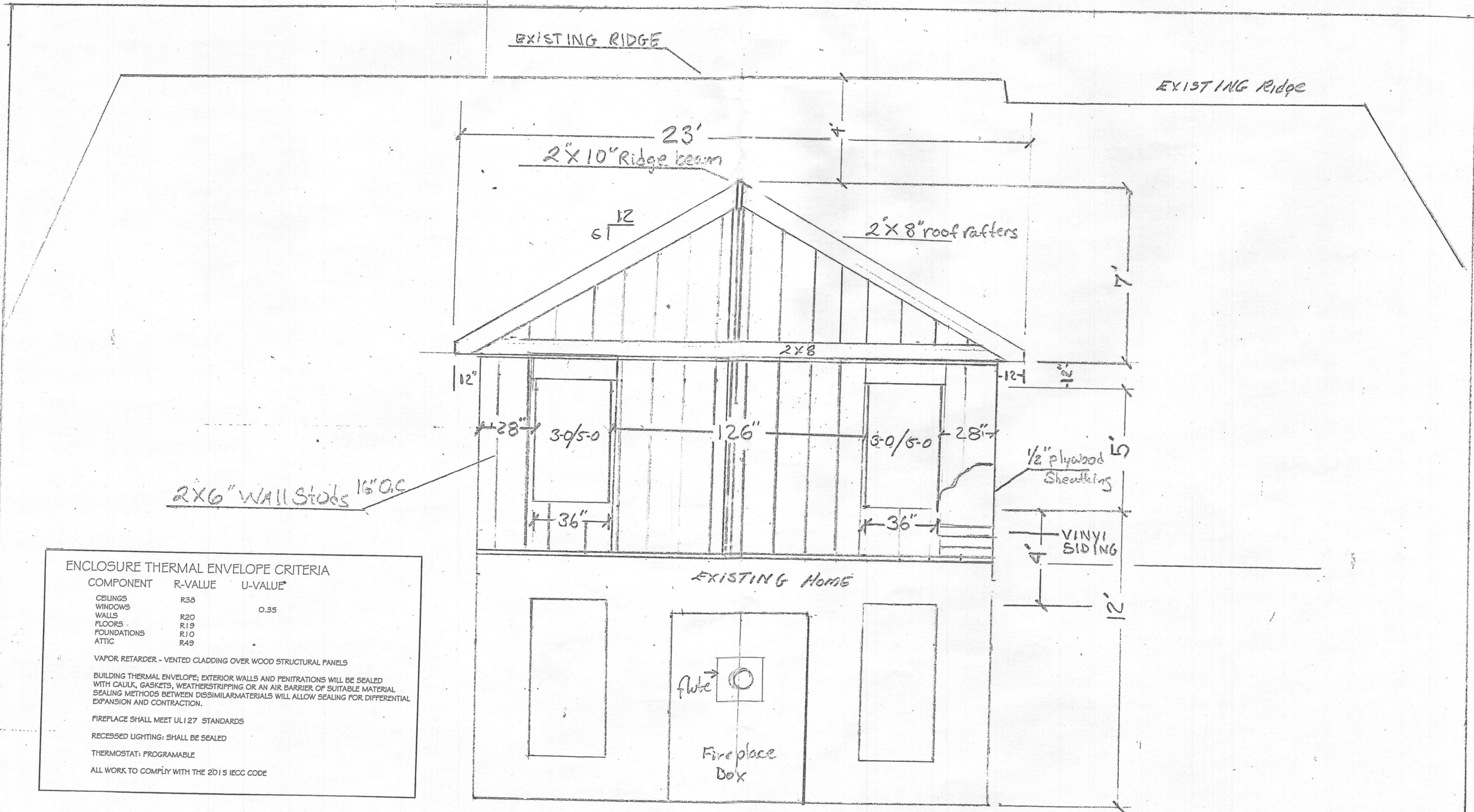
WALK-THRU BUILDING PERMIT

BP# _____ A# _____

APP. SAN Mark L. Robel DATE: 5/4/17

DESC. OF WORK: Append Window Egress for second floor Bedroom

14867 Michele Dr.



ENCLOSURE THERMAL ENVELOPE CRITERIA

COMPONENT	R-VALUE	U-VALUE*
CEILINGS	R36	
WINDOWS		0.35
WALLS	R20	
FLOORS	R19	
FOUNDATIONS	R10	
ATTIC	R49	

VAPOR RETARDER - VENTED CLADDING OVER WOOD STRUCTURAL PANELS

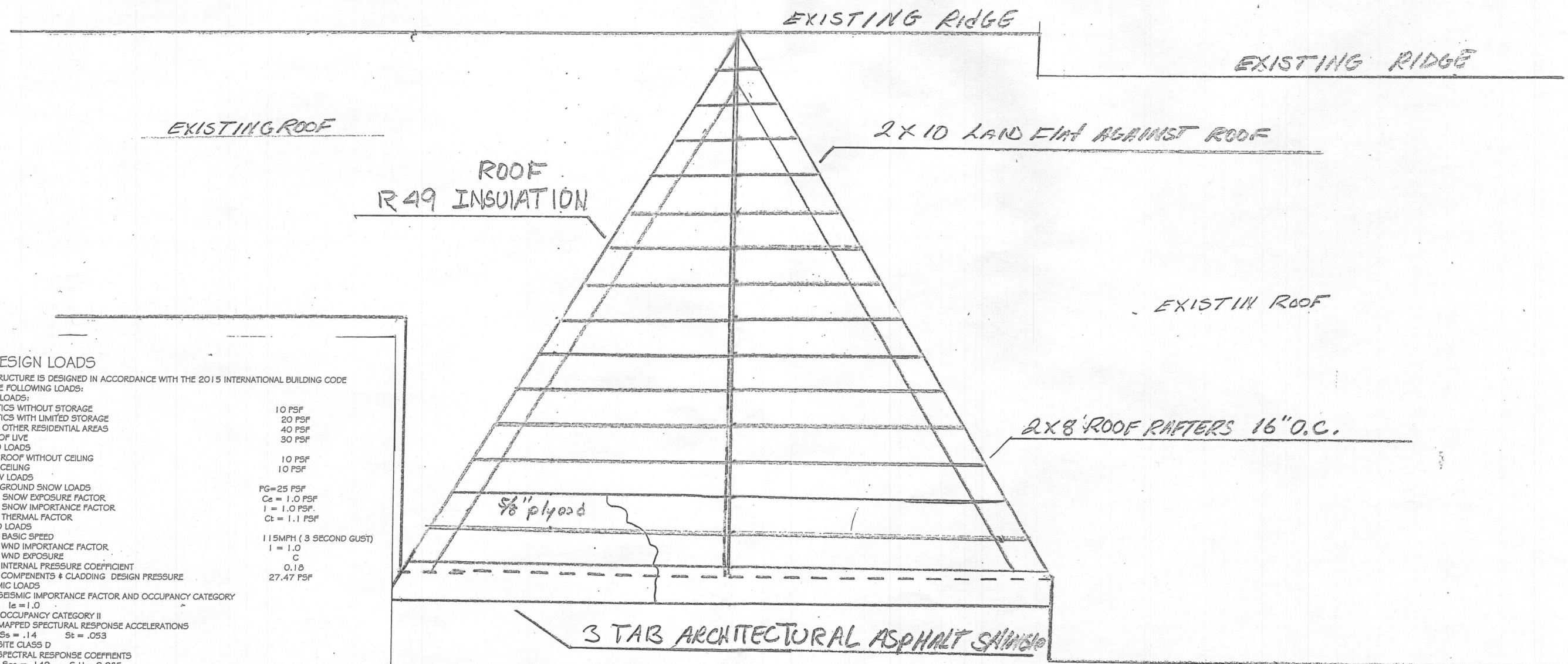
BUILDING THERMAL ENVELOPE; EXTERIOR WALLS AND PENETRATIONS WILL BE SEALED WITH CAULK, GASKETS, WEATHERSTRIPPING OR AN AIR BARRIER OF SUITABLE MATERIAL. SEALING METHODS BETWEEN DISSIMILAR MATERIALS WILL ALLOW SEALING FOR DIFFERENTIAL EXPANSION AND CONTRACTION.

FIREPLACE SHALL MEET UL127 STANDARDS

RECESSED LIGHTING: SHALL BE SEALED

THERMOSTAT: PROGRAMMABLE

ALL WORK TO COMPLY WITH THE 2015 IECC CODE



DESIGN LOADS

THE STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE 2015 INTERNATIONAL BUILDING CODE FOR THE FOLLOWING LOADS:

A. LIVE LOADS:

- ATTICS WITHOUT STORAGE 10 PSF
- ATTICS WITH LIMITED STORAGE 20 PSF
- ALL OTHER RESIDENTIAL AREAS 40 PSF
- ROOF LIVE 30 PSF

B. DEAD LOADS

- 1. ROOF WITHOUT CEILING 10 PSF
- 2. CEILING 10 PSF

A. SNOW LOADS

- 1. GROUND SNOW LOADS PG=25 PSF
- 2. SNOW EXPOSURE FACTOR Ce = 1.0 PSF
- 3. SNOW IMPORTANCE FACTOR I = 1.0 PSF
- 4. THERMAL FACTOR Ct = 1.1 PSF

B. WIND LOADS

- 1. BASIC SPEED 115MPH (3 SECOND GUST)
- 2. WIND IMPORTANCE FACTOR I = 1.0
- 3. WIND EXPOSURE C
- 4. INTERNAL PRESSURE COEFFICIENT 0.18
- 5. COMPONENTS & CLADDING DESIGN PRESSURE 27.47 PSF

C. SEISMIC LOADS

- 1. SEISMIC IMPORTANCE FACTOR AND OCCUPANCY CATEGORY Ie = 1.0
- OCCUPANCY CATEGORY II
- 2. MAPPED SPECTRAL RESPONSE ACCELERATIONS Ss = .14 St = .053
- 3. SITE CLASS D
- 4. SPECTRAL RESPONSE COEFFICIENTS Sds = .149 Sd1 = 0.085
- 5. SEISMIC DESIGN CATEGORY D
- 6. BASIC - SEISMIC - FORCE-RESISTING SYSTEM LIGHT FRAMED WALLS SHEATHED WITH WOOD STRUCTURAL PANELS RATED FOR SHEAR RESISTANCE
- 7. DESIGN BASE SHEAR: V=CsW = 0.1144*50k = 5.7 KIPS (ASD)
- 8. SEISMIC RESPONSE COEFFICIENT Cs = .1144
- 9. RESPONSE MODIFICATION FACTOR R = 6.5
- 10. ANALYSIS PROCEDURE