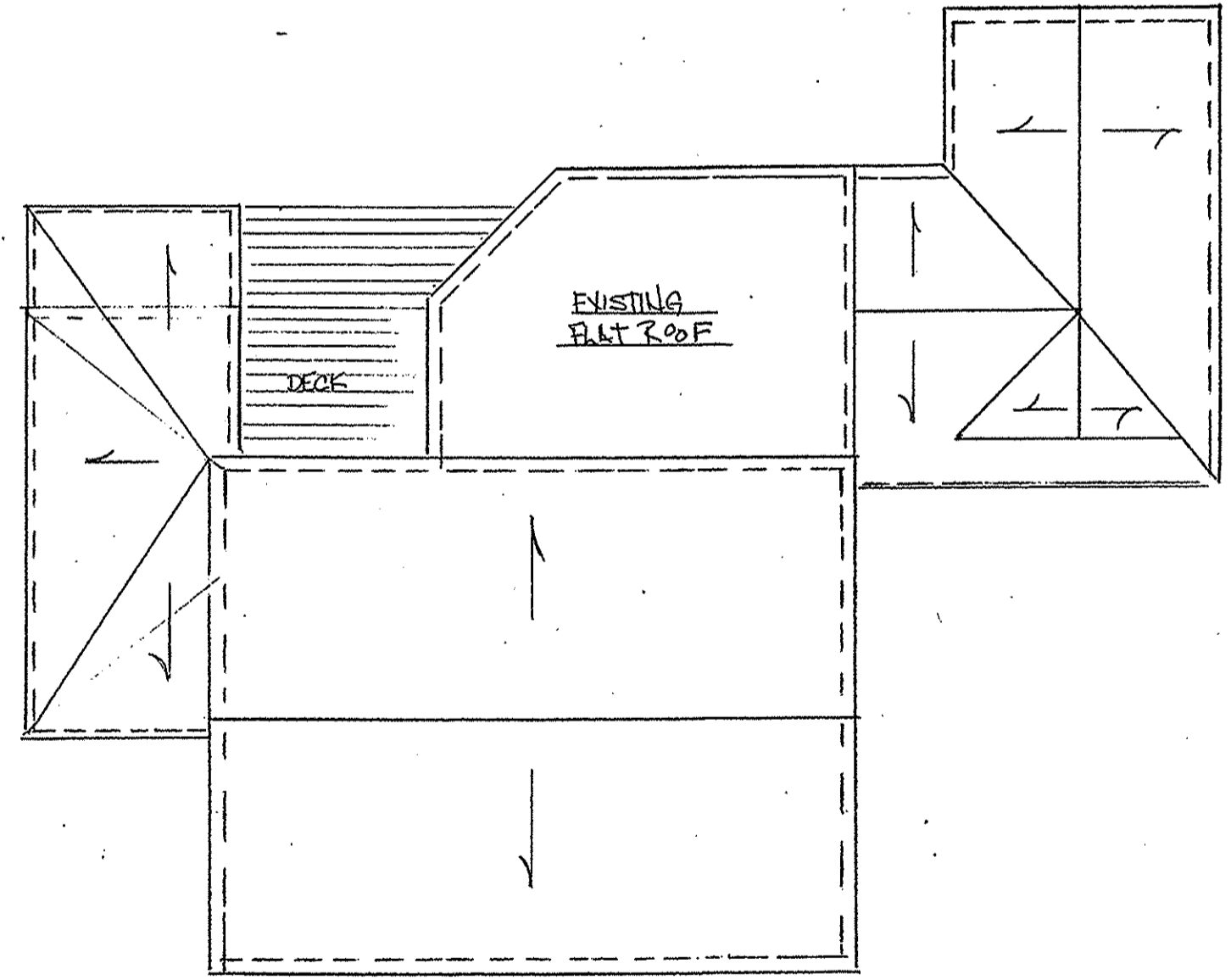


GENERAL STRUCTURAL NOTES:

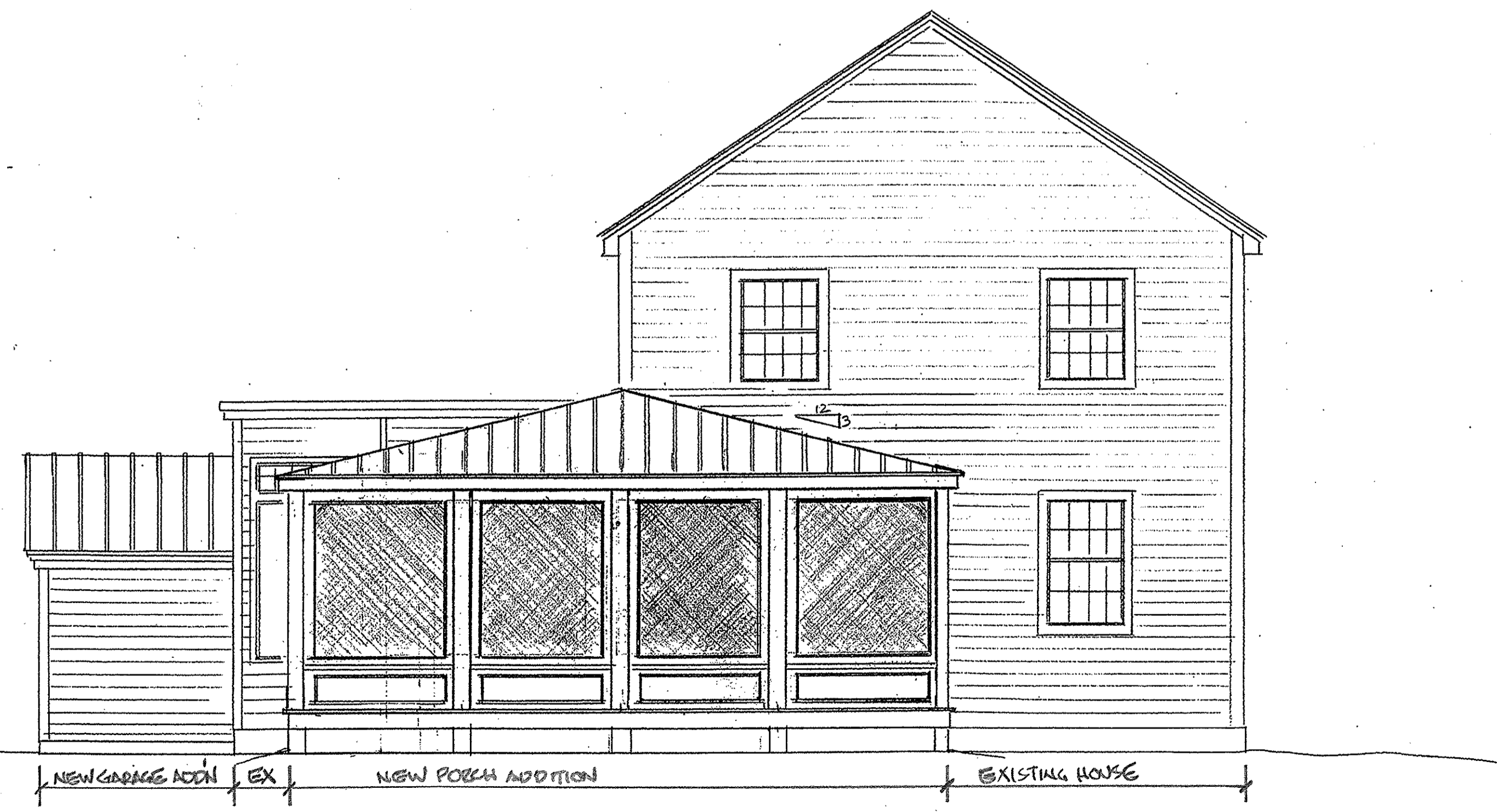
1. DESIGN CODE: MUBEC- 2009 IBC/IRC.
2. ROOF DESIGN LOADS:
3. SNOW: 42 PSF FLAT ROOF SNOW
 1. IMPORTANCE FACTOR 1.0
 2. EXPOSURE FACTOR $C_e = 1.0$
 3. THERMAL FACTOR $C_t = 1.0$
4. DESIGN BEARING CAPACITY: 2.0 KSF FOOTINGS ON SOIL (ASSUMED)
5. PROVIDE MIN. 4'-0" OF SOIL COVER ABOVE BOTTOM OF FOOTING.
6. UNDER FLOOR SLABS, REMOVE TOPSOIL AND UNSUITABLE MATERIALS. FILL OVER EXCAVATED AREAS WITH COMPACTED GRAVEL FILL. PROVIDE MIN. 8" OF COMPACTED FILL UNDER SLAB. COMPACT MATERIAL TO 95% OF MAX. DENSITY DETERMINED BY ASTM D1557, MODIFIED.
7. BACKFILL BOTH SIDES OF FOUNDATION WALLS AT THE SAME TIME TO PREVENT UNEQUAL LOADING ON WALLS.
8. MINIMUM 28 DAY COMPRESSIVE STRENGTH: 3000 PSI
9. REINFORCEMENT: GRADE 60, ASTM A615
10. WELDED WIRE FABRIC: ASTM A185
11. MINIMUM CONCRETE COVER: 3" FOR CONCRETE CAST AGAINST SOIL, 2" FOR OTHER CONCRETE UNLESS SHOWN OTHERWISE.
12. STRUCTURAL LUMBER: NO. 2 SPRUCE-PINE-FIR (SOUTH) OR BETTER, 19% MAX. MOISTURE CONTENT; PRESSURE TREATED LUMBER: NO. 2 OR BETTER SOUTHERN YELLOW PINE.
13. LIGHT GAUGE METAL CONNECTORS: EQUIVALENT TO SIMPSON STRONG-TIE.
14. FASTENERS: COMPLY WITH RECOMMENDED FASTENING SCHEDULE OF THE 2009 INTERNATIONAL BUILDING CODE/IRC.
15. WALL AND ROOF SHEATHING: APA RATED SHEATHING, EXPOSURE 1; SPAN RATING 40/20, MIN. THICKNESS 19/32" (ROOF), 15/32" (WALL). INSTALL SHEETS WITH FACE GRAIN DIRECTION PERPENDICULAR TO SUPPORTING MEMBERS. NAILING REQUIREMENTS FOR ROOF AND WALL SHEATHING: 8d NAILS 6" O.C. ALONG PANEL EDGES, 12" O.C. ALONG INTERMEDIATE MEMBERS.
16. PROVIDE PRESSURE TREATED LUMBER FOR ALL LUMBER IN CONTACT WITH CONCRETE.



RIGHT ELEVATION



AERIAL
SCALE: 1/8" = 1'-0"



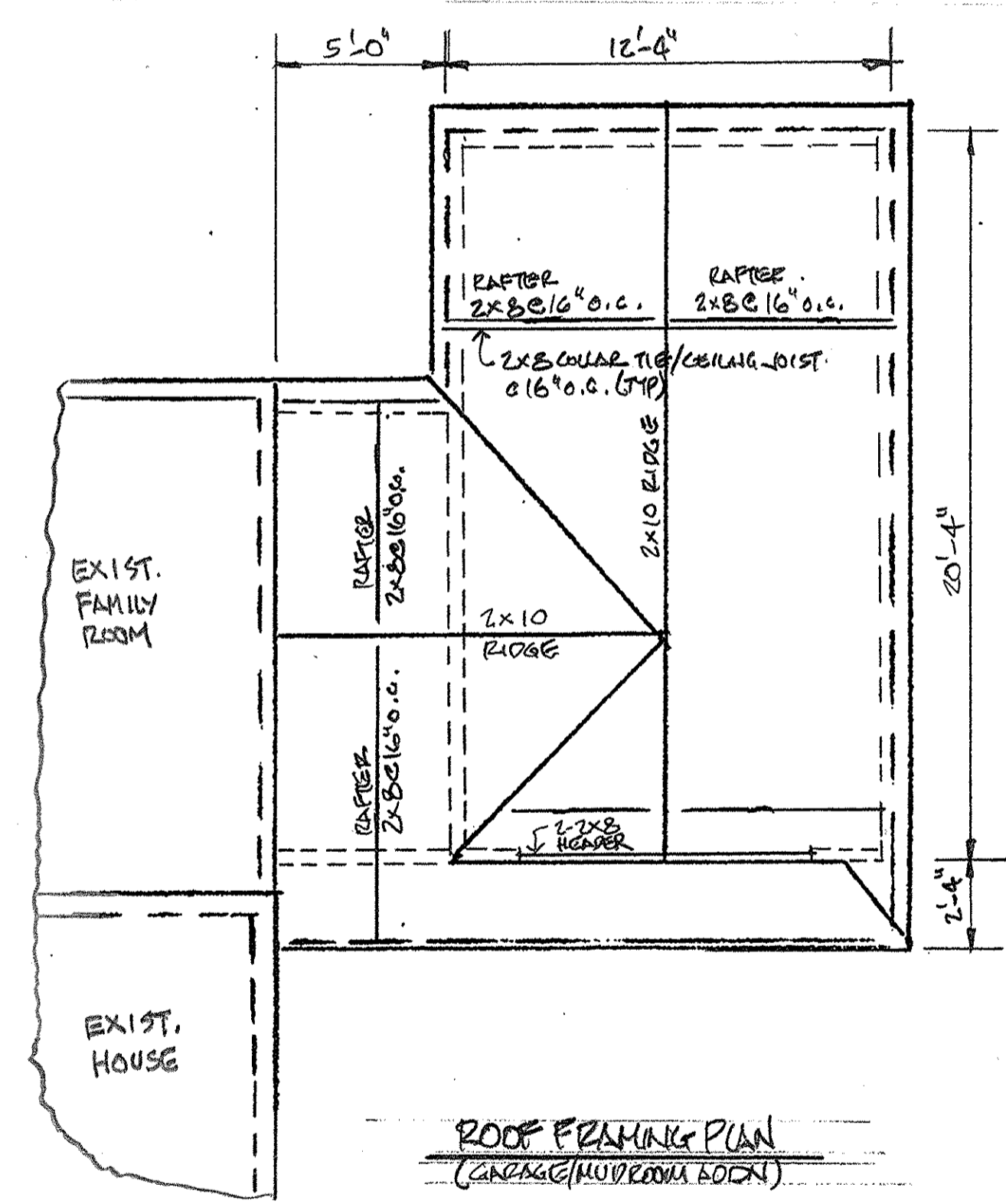
LEFT ELEVATION

PAUL Slsby
75 CHENEY ST
PORTLAND, ME
Scale: 1/4" = 1'-0"

JAY FOSTER
281-722-9
FER-116

STATE OF MAINE
JAMES A. MORAN III
No. 4587
LICENSED PROFESSIONAL ENGINEER
5/27/2016
STRUCTURAL DESIGN ONLY

SHEET 2 OF 3



ROOF FRAMING PLAN
(GARAGE/MUDROOM DECK)