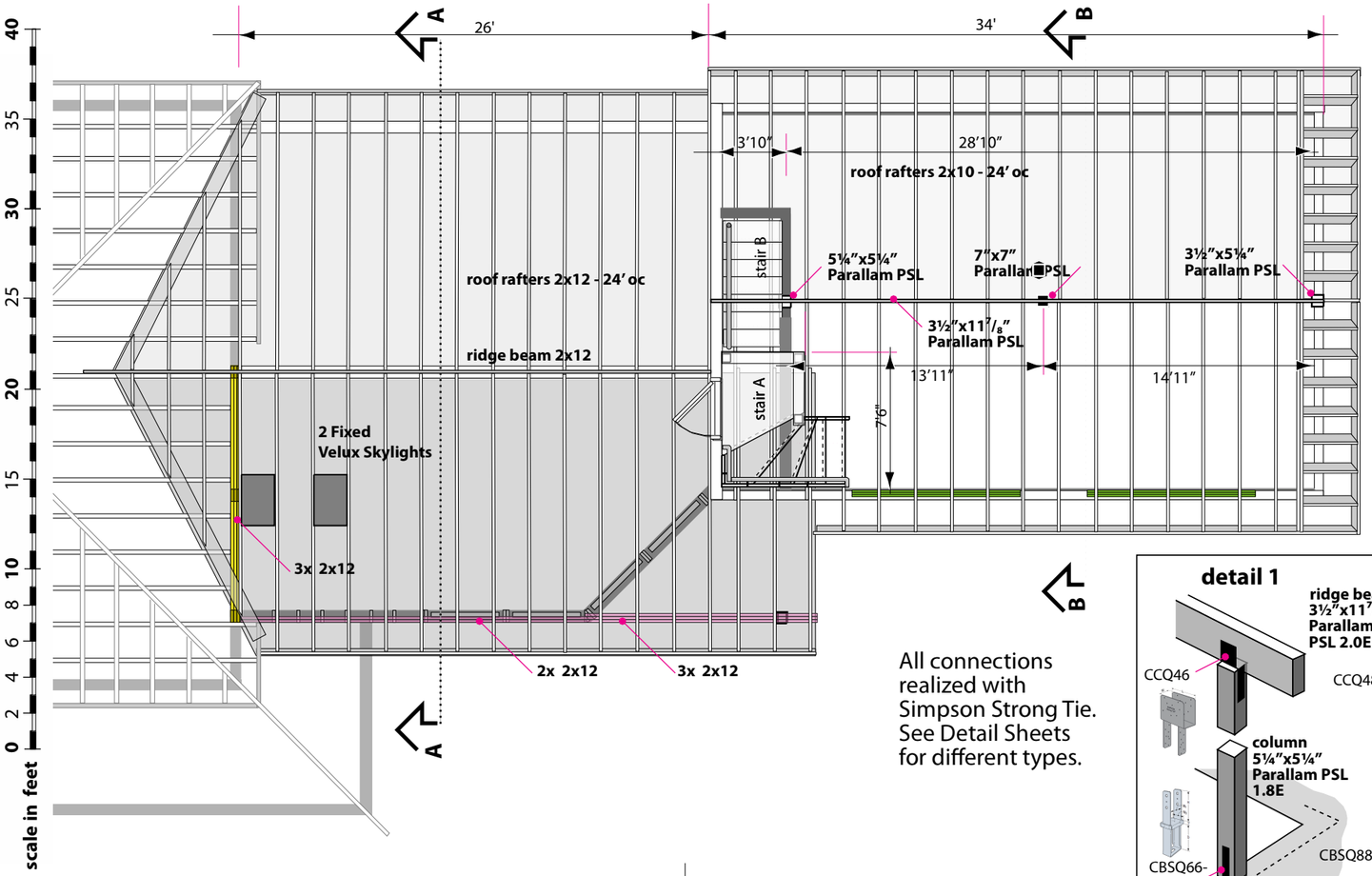
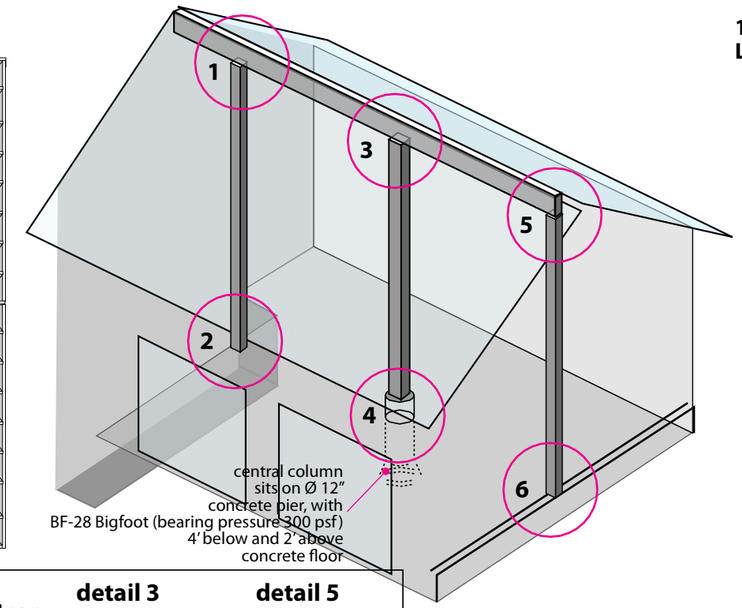
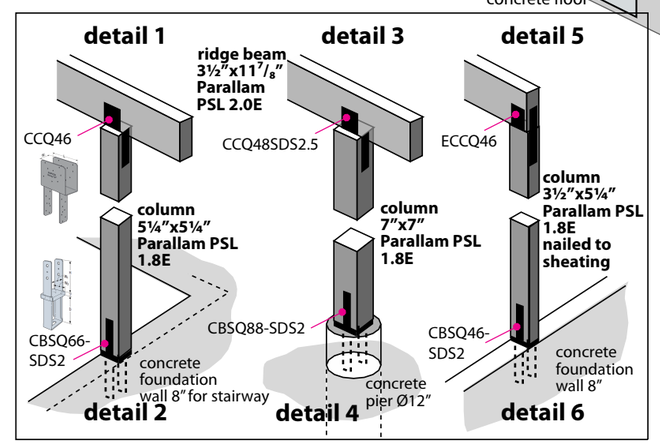




All connections realized with Simpson Strong Tie. See Detail Sheets for different types.

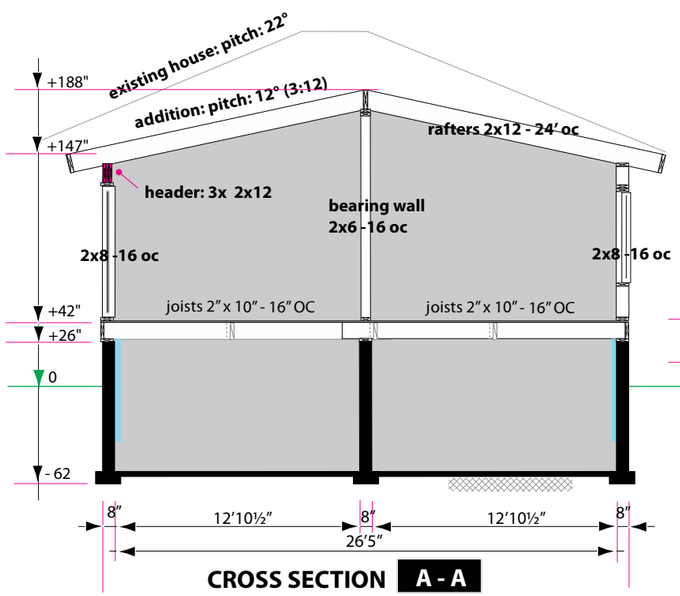


1. ROOFS ARE DESIGN LOADS AS FOLLOWS:

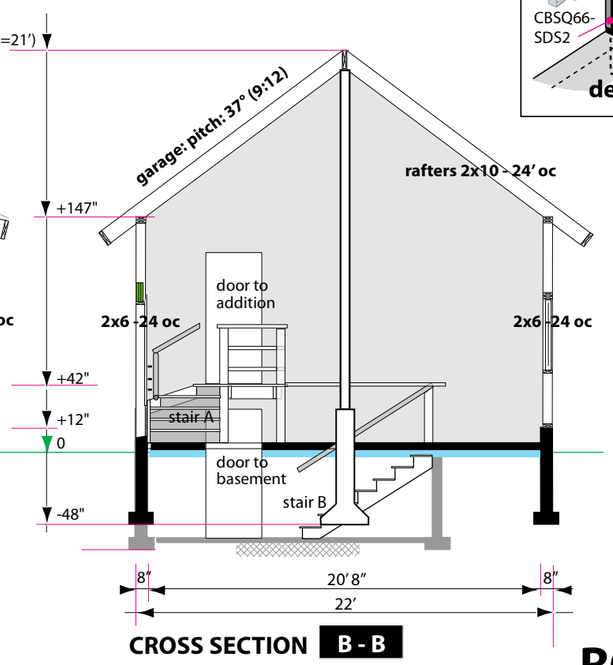
- **A.** GROUND SNOW LOAD
- **B.** FLAT ROOF SNOW LO
  - **I.** AT GARAGE, Pf = 4
  - **II.** AT OTHER ROOFS
- **C.** SNOW EXPOSURE FACTOR Ce = 1.0.
- **D.** SNOW LOAD IMPORTANCE FACTOR I = 1.0.
- **E.** THERMAL FACTOR
  - **I.** AT GARAGE Ct = 1.2.
  - **II.** AT OTHER ROOFS Ct = 1.1.
- **F.** ROOF SLOPE FACTOR Cs = 1.0.
- **G.** SLOPED ROOF SNOW LOAD Ps = Pf.
- **H.** UNBALANCED SNOW LOAD IN ACCORDANCE WITH ASCE 7-05.
- **I.** DEAD LOADS FOR ACTUAL WEIGHTS OF MATERIALS = 8 PSF PLUS STRUCTURE WEIGHT.

CITY OF PORTLAND, MAINE — RESURGAM
Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 01/26/15

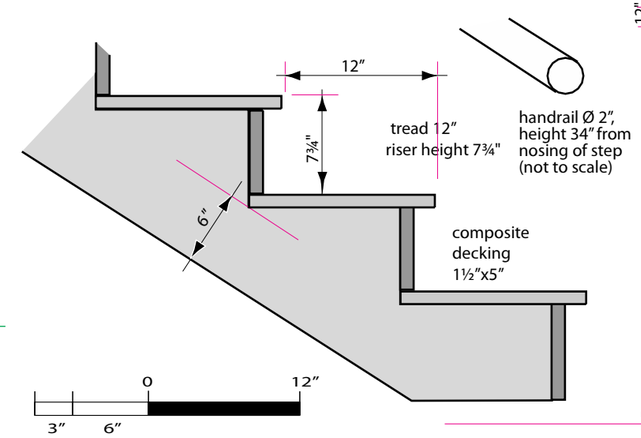
STATE OF MAINE
MICHAEL ALAN CUNNINGHAM
No. 14519
LICENSED
PROFESSIONAL ENGINEER
1/20/15

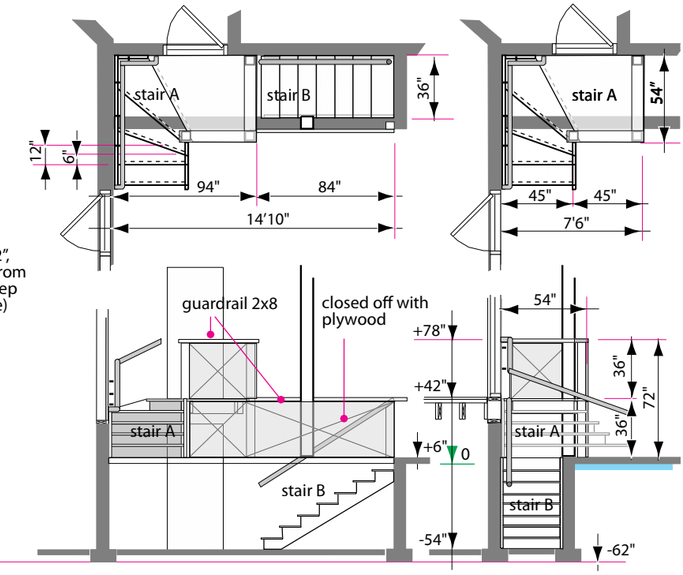


CROSS SECTION A - A



CROSS SECTION B - B





scale in feet 0 2 4 6 8 10 15 20 25 30 35 40

ROOF CONSTRUCTION + STAIRWAYS IN GARAGE

DEED BOOK: **3191, PAGE 488**
PLAN BOOK: **17, PAGE 6**
COUNTY: **CUMBERLAND**
LOT: **1103 & 1104 + part of 1106 & 1107**
DIVISION 4 R-3 RESIDENTIAL ZONE

January 2015
131 Virginiastreet, Portland, Maine
PROPERTY OF: STONE-RUKS
SCALE: 1/8"= 1'

SHEET 15