



SNOW LOAD 45 PSF
 ROOF MATERIALS 15 PSF
 SOLAR PANELS 8 PSF
 UDL = 68 X 13 + STIMBER FRAME = 890
 A = PIF
 F FOR PINE = 800 AND 800 FOR KILN DRY

OCCUPANT LOAD 40 PSF
 FLOOR MATERIALS 10 PSF
 UDL = 60 X 13 + STIMBER FRAME = 665

2" COB FINISH
 4" COB BASE COURSE
 6" ROCK BASE
 EXCAVATED SUB-BASE
 9'-6"

2" BLUE STYROFOAM

1/2 yard concrete
 six 3/8" rebar 15m
 42" x 42"

8" ROXUL R32
 1 1/2" AIRSPACE

12
 .58333
 1.15
 7

10'-7" 14 COURSES

2" COB FINISH
 4" COB BASE COURSE
 6" ROCK BASE
 EXCAVATED SUB-BASE
 9'-6"

2" BLUE STYROFOAM

1/2 yard concrete
 six 3/8" rebar 15m
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