



top plate
1/2" sheetrock ceiling

2x4 studs 16" OC
with 1/2" sheetrock
on both
sides

2-2x4 Bottom
plates

Existing ceiling rafter

3/4" Strapping 16" OC w/ 1/2" sheetrock

New 2x8 collar ties
1/2" sheetrock

Ceiling Height 8'3"

Existing 3/4 board

Existing 2x8
Floor Joist