JOB:

SHEET NO.: 2 OF

CALCULATED BY: DATE:

CHECKED BY: DATE:

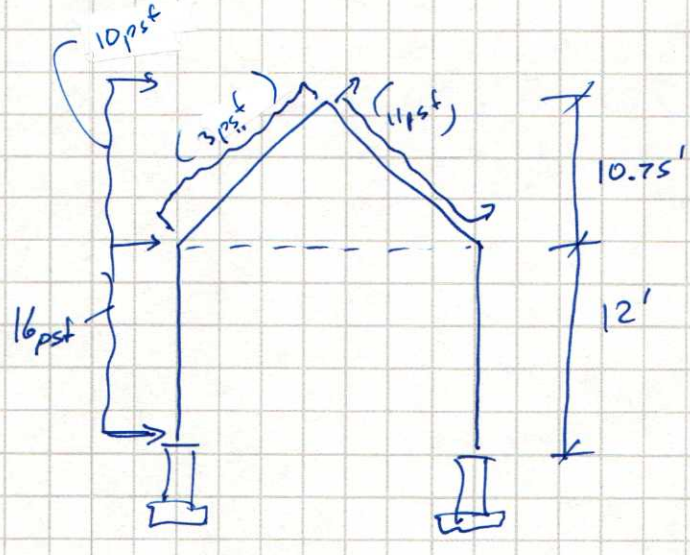
SCALE: Family Room Shear Walls

$F_H = 10\,psf \times 10.75' \times \frac{22'}{2} = 1.18$

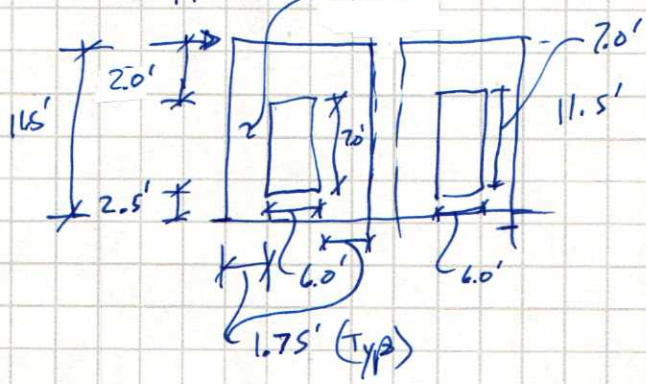
$+ 16\,psf \times 12'/2 \times 22'/2 = 1.06^k$

2.24^k

$F_{H\,wall} = \frac{2.24^k}{2} = 1.12^k$



F_H



- Detail as F TAO
- Detail as Box Beam
  Provide sheathing Both sides?

JOB:

SHEET NO.: 3 OF

CALCULATED BY: DATE:

CHECKED BY: DATE:

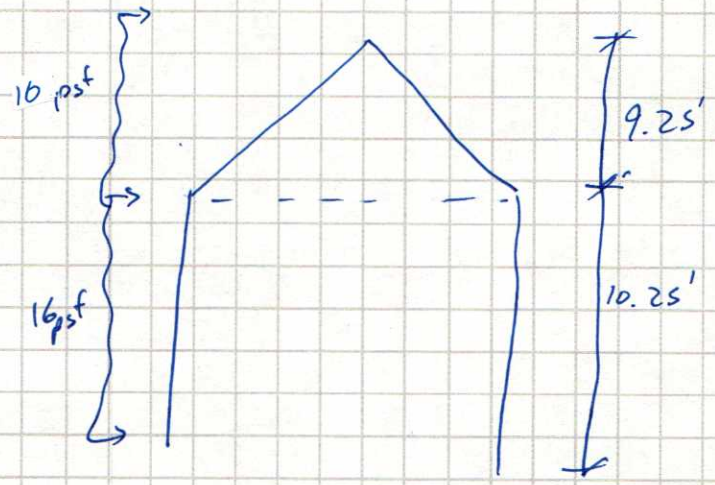
SCALE: 3-Season Room

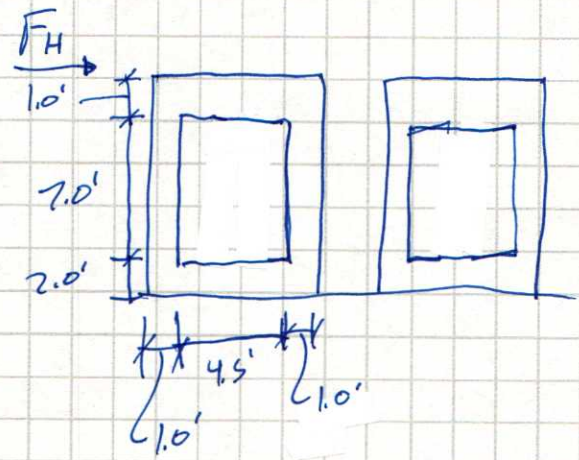
$F_H = 10_{psf} \times 9.25' \times 16'/2 = 0.740$

$+ 16_{psf} \times 10.25' \times 16'/2 = 1.312$

2.05^K

$F_{Hwall} = \frac{2.05^K}{2} = 1.03^K$





JOB:

SHEET NO.: 4 OF

CALCULATED BY: DATE:

CHECKED BY: DATE:

SCALE: Family Room - Cantilever Diaphragm

- sheath ceiling
- provide "Holddowns"