ALUMNO(A): ZULIBETH VAZQUEZ NORIEGA

DOCENTE: PEDRO ALBERTO GARCÍA

MATERIA: **ANALISIS DE ESTRUCTURAS**

ACTIVIDAD: **TRABES**

CUATRIMESTRE: 5TO

GRUPO: A

P.P Trabe $0.15 \times 0.35 \times 0.240 = 0.0126$ t/m

P Min = $\frac{4.0}{12} = 0.33 = 0.35$

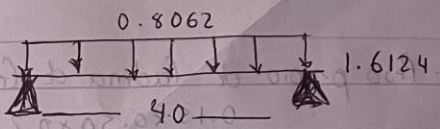
1

Area tributaria $6.25\ m^2 (0.635\ f/m^2) = 3.968\ f/m^2$

$\frac{}{5}$

0.7936 ton/m

$\Sigma = 0.8062$



$R_A = R_B / 2$

$\frac{0.8062(4)}{2}$

$= 1.6124$

TR2

1.- Area tributaria

$3.9687/5 = 0.7937 \times 2 = 1.5874$

2. PP de trabe

$0.15 \times .40 \times 0.240 = 0.0144$

3.- Peso de Muro

$2.55 \times 0.270 = 0.6885$

4.- PP Cadena de Cerramiento

$0.15 \times 0.40 \times 0.240 = 0.0144$

2

5.- Area tributaria de losa de Azotea

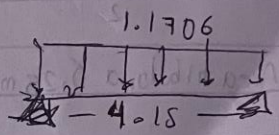
$4.1562/5 = 0.8312 \times 2 = 1.6624$

$= 3.9671$

1. Area tributaria E. P

2. Peso propio de la trabe

$0.15 \times 0.35 \times 0.240 = 0.0126$



Peso Muro

$0.50 \times 0.270 = 0.135$

$R_n = e_B = w(L)/2$ 2.4289

4. Peso propio de Cadena de Cerramiento

$0.15 \times 0.50 \times 0.240 = 0.018$

5 Area tributaria de Azotea

$6.65 / 6.50 = 1.0230$

- Pretil $\Sigma = 1.1706$

Area tributaria

$10 (0.635\ t/m^2) = 0.9769\ t/m$

P.P. Trabe

$\frac{6.30\ m}{12} = 0.54 = 0.55$

$0.15 \times 0.55 \times 0.240 = 0.0198\ t/m$

Muro

$2.70 (0.27) = 0.729$

PPCR

$0.15 \times 0.25 \times 0.240 = 0.009\ t/m$

Az

$\frac{10\ m^2 (0.665\ t/m^2)}{6.50}$ $\Sigma = 2.8927$

PRETIL $= 0.50 (0.270) = 0.135$