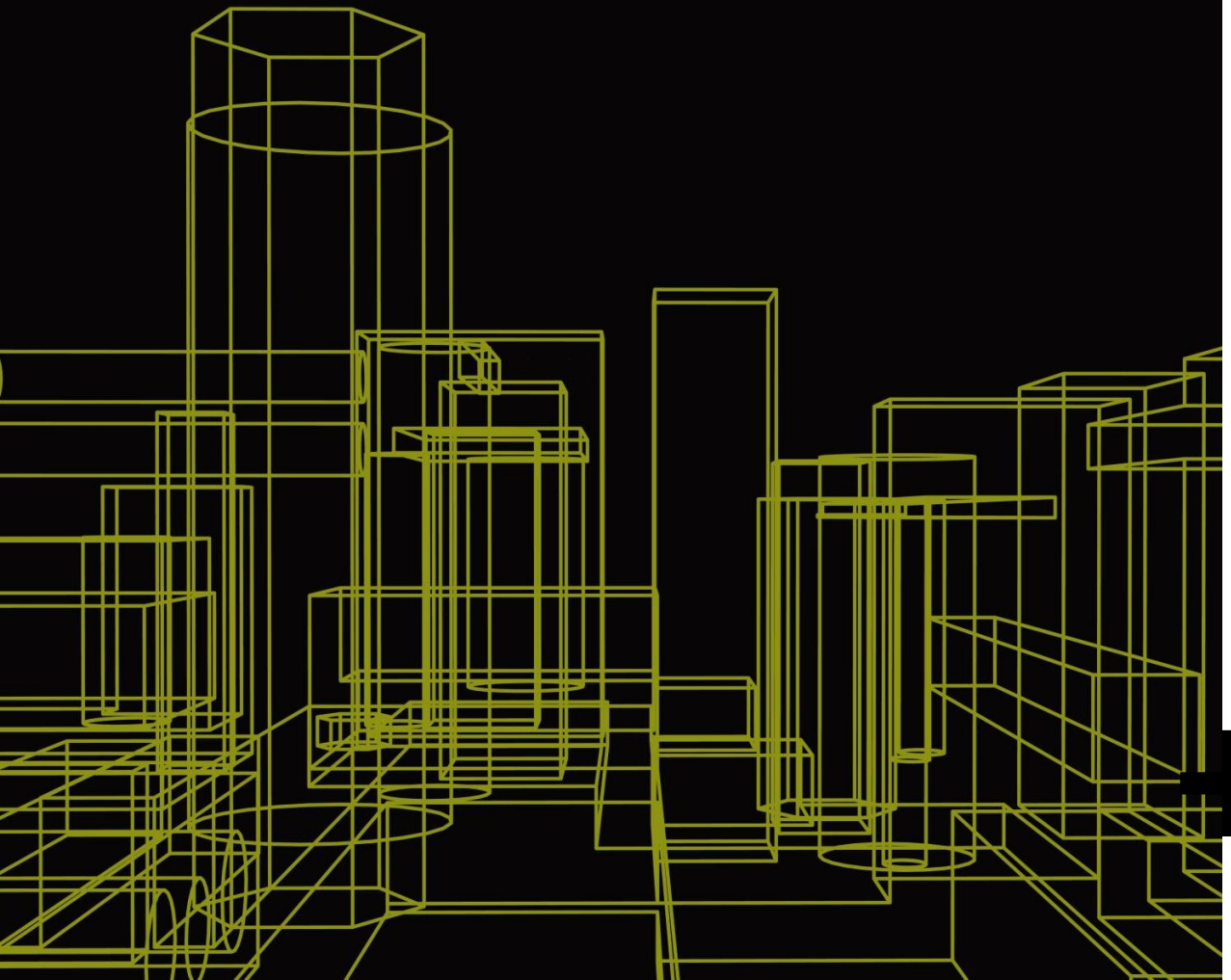


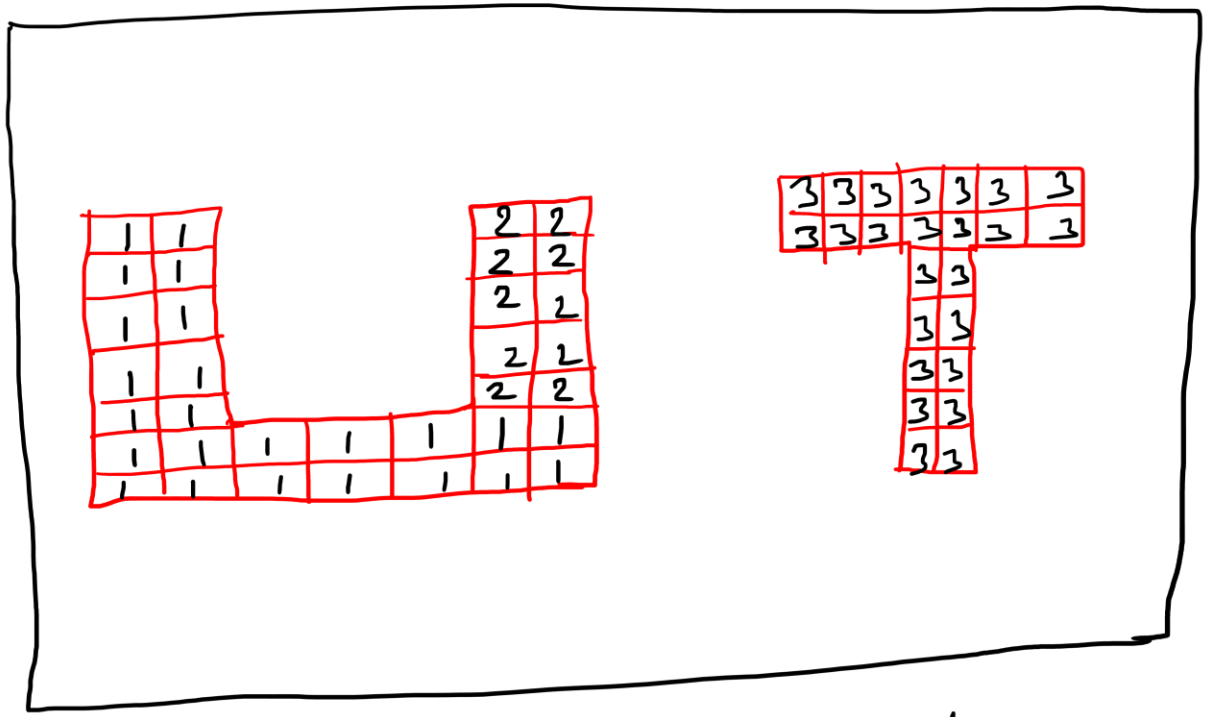
Component Labelling

Pass #2

1 = 2

Pass #1

Component Labelling



Case 1

$L(T) = \phi$; $L(L) = \phi$

$L(P) = New$

Case 2

(a) $L(T) = \phi$; $L(L) = L_L$

$L(P) = L_L$

(b) $L(T) = L_T$; $L(L) = \phi$

$L(P) = L_T$

Case 3 $L(T) \neq \phi$; $L(L) \neq \phi$

a) $L(T) = L(L)$

$L(P) = L_T = L_L$

3b) $L(T) \neq L(L)$

$L(P) = L_L$