

ONCE DIAGONAL FIXING
HAS BEEN ADDRESSED LOCALLY
THROUGH BREAKOUT CHECKS,
LOAD CAN BE TRANSMITTED
TO TOP OF MEMBER VIA
SUBSEQUENT SHEAR/DIAGONAL

TENSION PLANES

$P' = \text{PSEUDO LOAD, APPLIED TO TOP}$

$P = \text{REAL, APPLIED LOAD}$

CORRECTLY DESIGNED FIXING ADDRESSES
CONCRETE BREAKOUT FAILURE LOCALITY.

LOAD TRANSFERRED
TO GREEN TRIANGLE
VIA DIAGONAL TENSION/
BREAKOUT. FROM THERE,
LOAD IS TRANSFERRED
TO MAIN BODY OF
BEAM AS USUAL ($V_c + V_s$)

DIAGONAL TENSION
& REG. TENSION

BREAKOUT FRUSTUM, PRISM,
CONE THING

