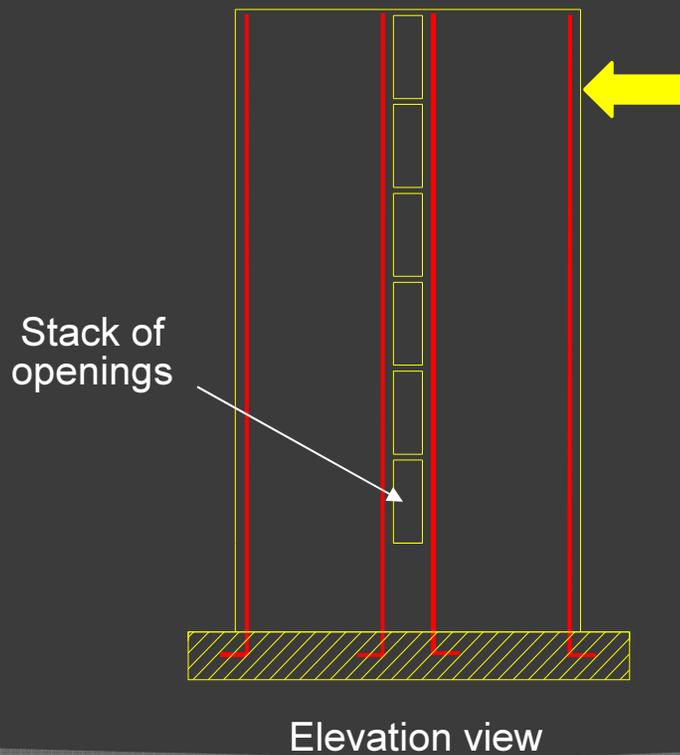


# SEISMIC RESPONSE OF STRUCTURAL WALLS WITH REINFORCEMENT & GEOMETRIC DISCONTINUITIES



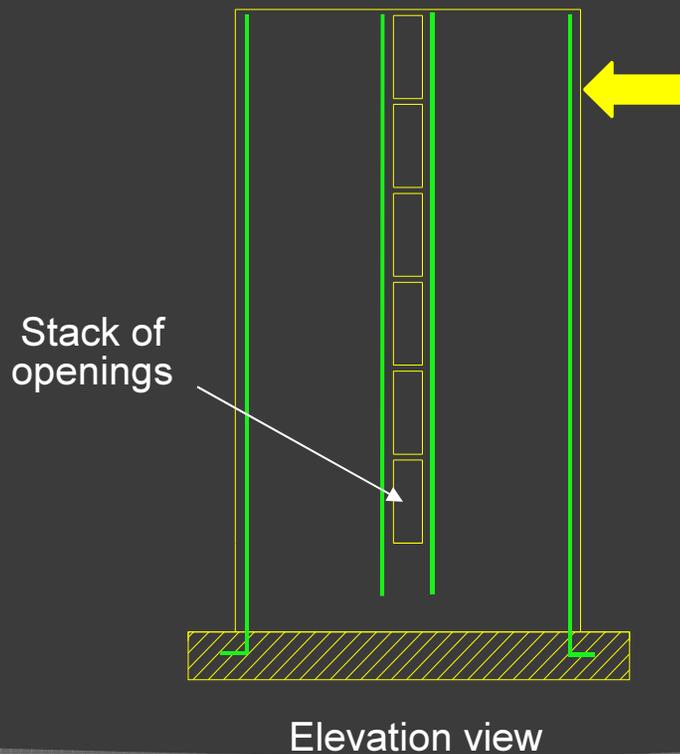
Investigator:  
Santiago Pujol  
Ph.D. student:  
Enrique Villalobos

# Test specimens



- **Wall C** had all longitudinal reinforcement continuous

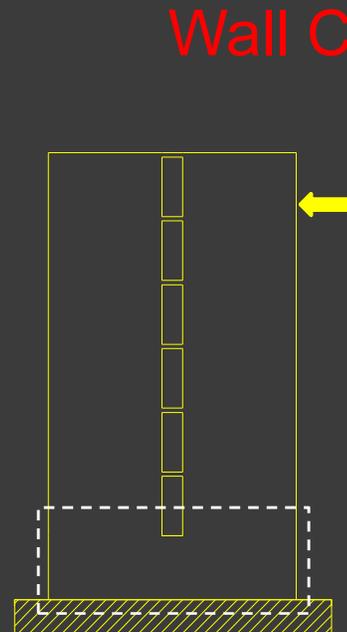
# Test specimens



- **Wall D** had the longitudinal reinforcement flanking the openings anchored in the region meant to represent the first story in a building

# Findings

- Distress caused by shear below the openings shifted the critical section resisting bending moments to the base of the first story.
- In **Wall D**, this shift caused anchorage failure.



Wall C



Wall D