

American Concrete Institute

Committee ACI 375- Performance Base Design of Concrete Buildings for Wind Loads

ACI 375 Committee Meeting – ACI Spring Convention 2017

Monday, March 27, 2016 1:00pm to 3:30pm

H-Mackinac East

Detroit, MI

Agenda

- 1- Welcome and Introduction
- 2- Review Agenda & Approval of Philly Meeting minutes:
- 3- Announcement and reports :
 - Directionality effects and concrete cracking presentation.
- 4- Ductility for wind design Discussion:
 - Link Beams
 - Shear Walls??
 - Detailing issues
- 5- Creation of a Design Guideline
Proposed Scope and format
Sections /Task Groups:
 - I. Performance Criteria
 - a. Inter-story Drift (Group-1)
 - b. Human Comfort (Group-2)
 - II. Performance Parameters for Modeling
 - a. Structural damping for serviceability and ultimate state and Mass consideration (Group-1&2)
 - b. Stiffness Modifiers for Serviceability & Ultimate State
 - i. Shear wall (Group-3)
 - ii. Moment Frame; Column, Beam & Link Beam (Group-3)
 - iii. Flat Slab (Group-3)
 - c. Foundation effect (Group-4)
- 6- New Business
- 7- Adjournment