

In Class 5:

Window Sill / Column Base to Footing

Organization

- Break into the groups you've created
- Do, and report on the in-class problem
- Turn in materials produced, with names of participants, for credit

Background Information

- This class session looked at both roofing and foundation designs
- The ongoing work for assignment 3B will incorporate some of the concepts presented
- The building envelope (skin) near the ground includes systems that address:
 - wind force
 - precipitation
 - ground water
 - thermal conductance
 - condensation
- Energy codes require foundation insulation
- Footings in Massachusetts are normally a minimum of 48 inches below finished grade
- Each in-class group is going to propose a window sill to footing

Discussion / Writing / Sketching

- **Schematics of stem wall, slab, and footing at column and window included**
- **1/2 of groups to propose section details from window sill to footing**
- **1/2 of groups to propose section details from column base to footing**

Presentation: Report out your results to the class