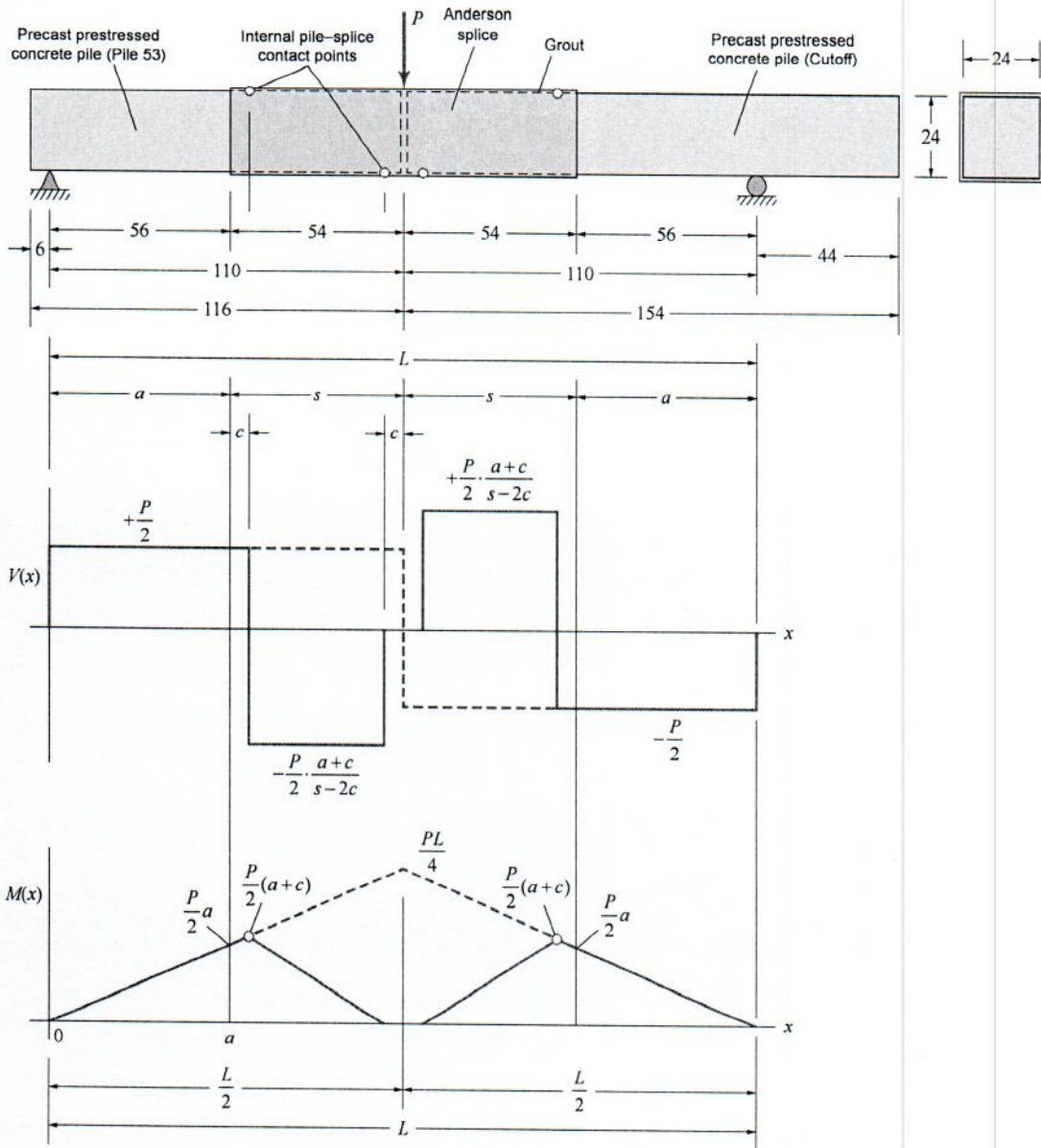
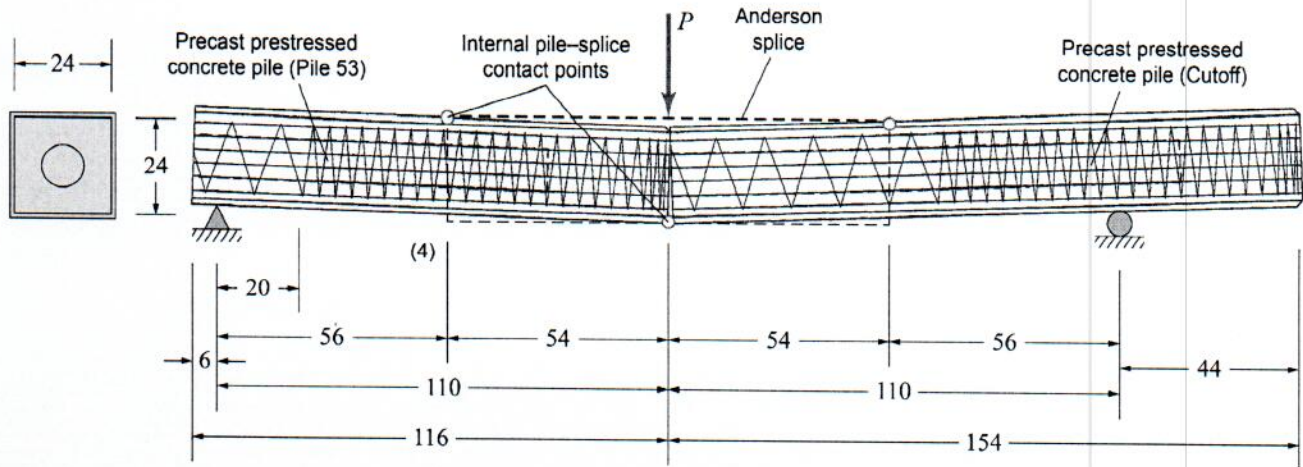


# Preliminary sketch of Canadian National splice bending test

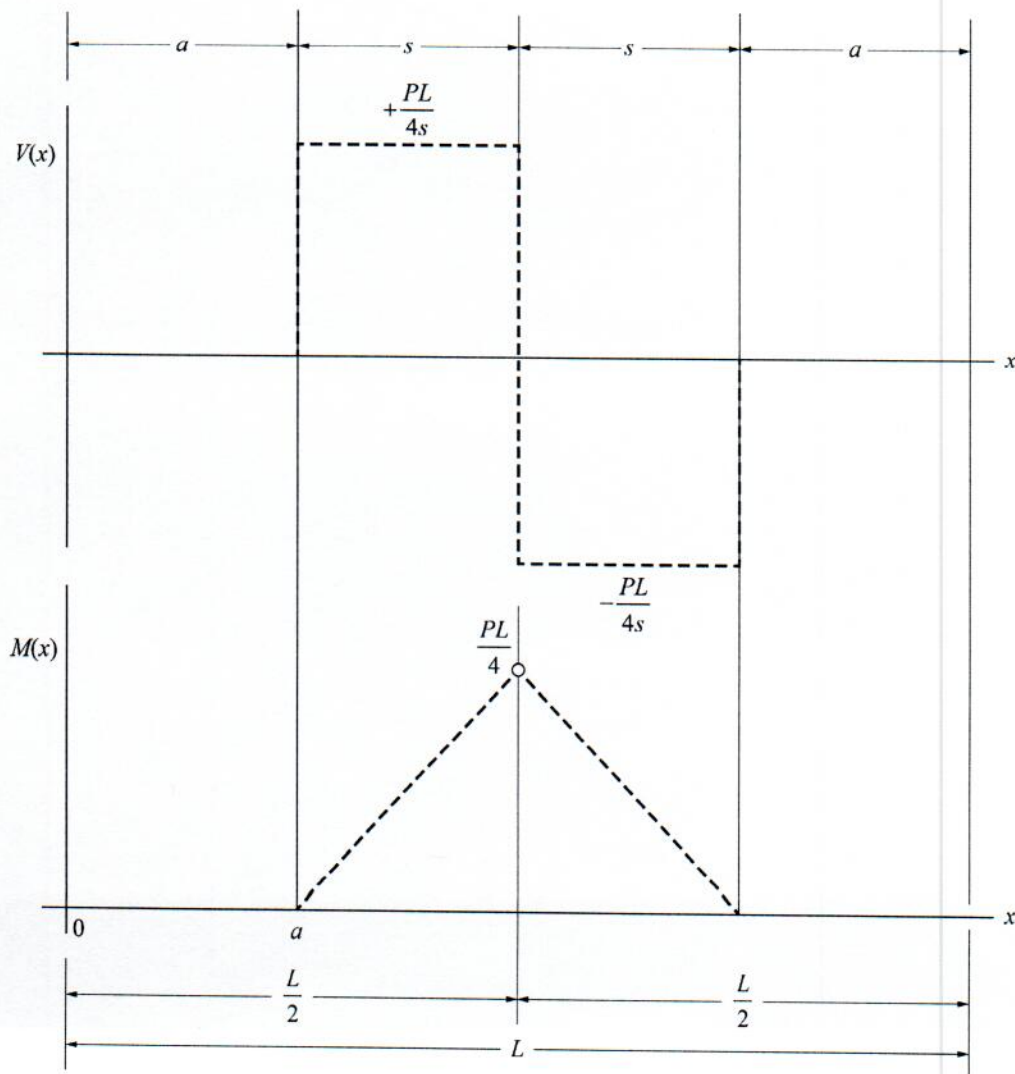
FOR DISCUSSION ONLY

Scale 1:36 • All dimensions in inches • All dimensions approximate  
 J. W. Phillips • UIUC • 12/14/2019





Shear and bending moment diagrams for Anderson splice

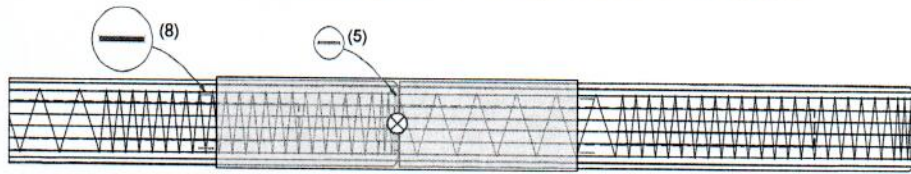


# Preliminary sketch of Canadian National splice bending test

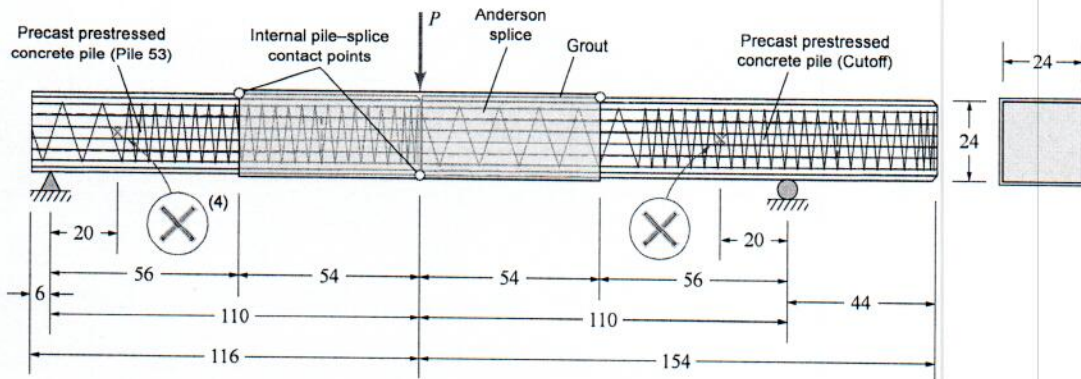
FOR DISCUSSION ONLY

Scale 1:36 • All dimensions in inches • All dimensions approximate  
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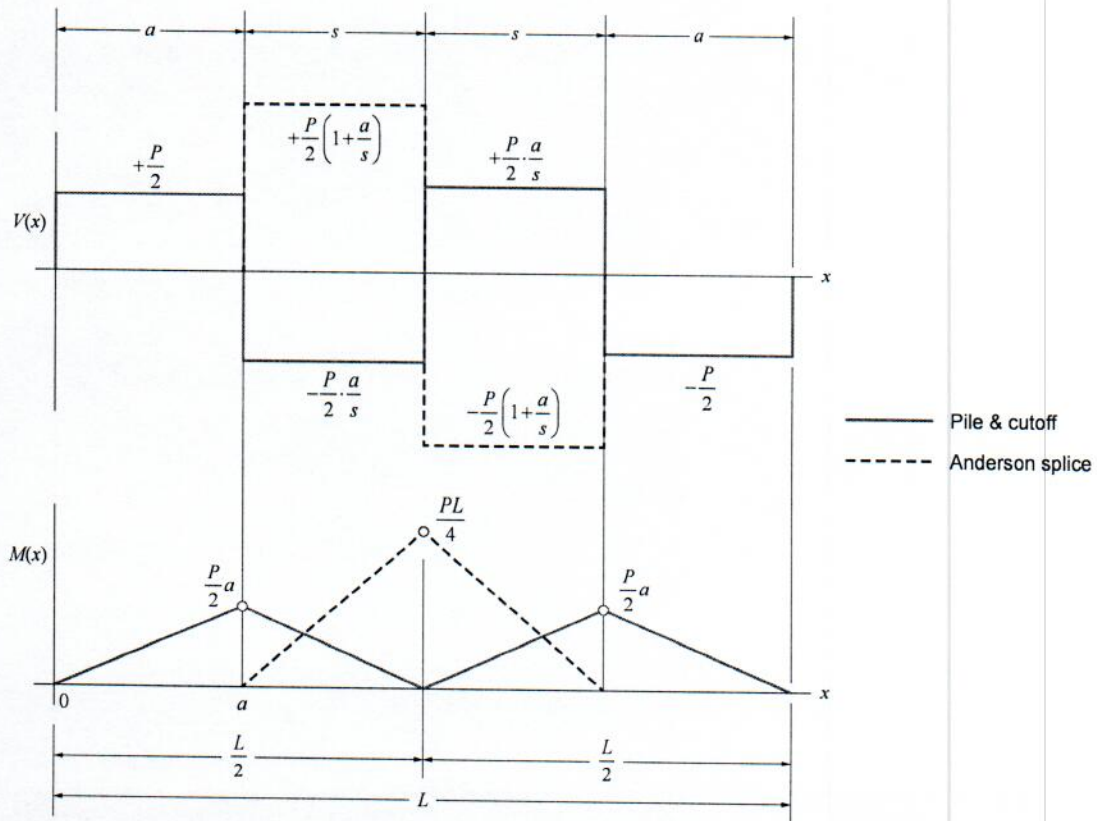
## Plan of test specimen—top and bottom views



## Elevation of test specimen—front and back views

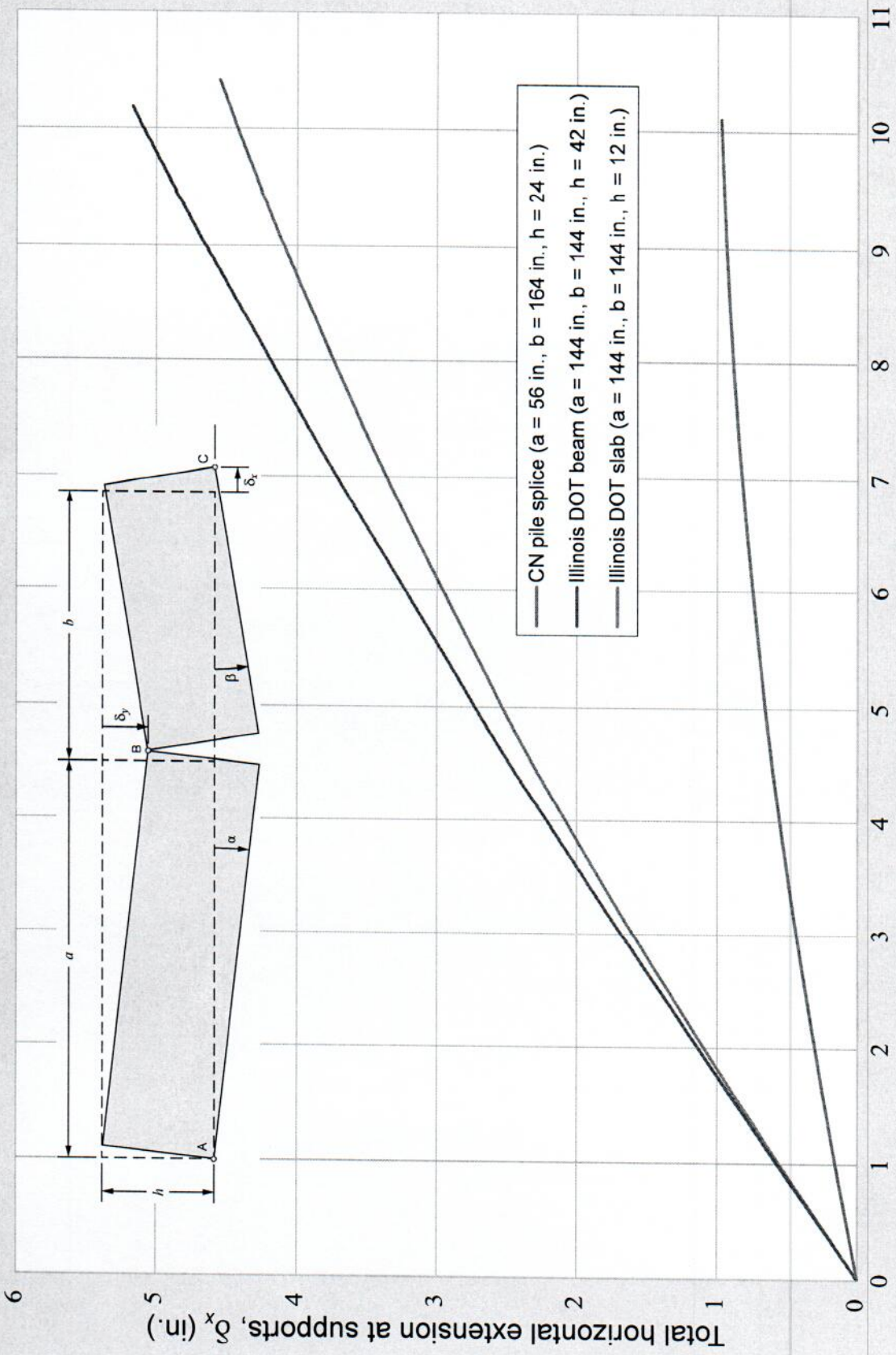


## Shear and bending moment diagrams





# Support displacement calculations for cracking beam



Vertical displacement at cracked section,  $\Delta y$  (in.)