

ENGR 125CS

Skyscraper, Vol. 3

Name: _____

1. On average, about how many weeks are required for the iron workers to complete each floor?
2. The structural engineer, Gary Steficek, and his team spent how many months creating the drawings for Worldwide Plaza?
3. What is the surveyor's job at the top of the building?
4. Why did the architects specify a thin stone veneer on steel trusses for the lower floors rather than solid granite?
5. After HRH Construction discovered the stonework truss delay by the contractor Hunts Point, why didn't the construction company HRH simply find another stonework supplier?
6. Why did Worldwide Plaza's project team decide to get the exterior stone all the way from Italy?
7. What does the mason mean when he calls the heavy concrete blocks "birth control blocks" ?
8. What is a *strap anchor* used for in the exterior wall system? Sketch one.
9. Give a few reasons that the residents of the Hell's Kitchen neighborhood have mixed feelings about Worldwide Plaza.
10. Why is Ogilvy and Mather, the key tenant on the lower floors, owed a multimillion dollar "late charge"?