The HIR DFR (Design and Feasibility Report)

The DFR is your opportunity to gather and organize your thoughts on your HIR project. It serves as a start for your project as well as a resource you will be able to look back on during more technical portions. Please be as in depth as possible, the more you include, the more it will help you. The Open Lab TA will grade and discuss your report with you. Make sure all members of the group contribute and understand each portion of the report.

Sections
(Your DFR does not have to answer every question explicitly, but should be detailed enough to help you throughout the course of your project. Each project is different so write about what your project entails.)

Overview
(This section should cover the general ideas of the project, as well as research you did on the problem and existing solutions)
- What were you commissioned to make for NYU?
- What are the requirements and limitations for this project?
- What is the building code and the LEED accreditation?

Company Profile
(This section explains your and your company's credentials. Every member should have a fictitious role in the company.)
- Explain your company's founding and mission statement
- What are some similar previous works that your company has worked on?
- Introduce each team member's role and qualifications
- Why should NYU invest in your company?

Architectural Design
(This section deals with the architectural design of the project. This is your opportunity to show the idea come to life in a rough way. Include any preliminary Revit models as well as sketches and relevant designs)
- What approach are you taking to design your building?
    - How does this building integrate within the current NYU landscape?
    - Do you believe your design will be superior to other designs?
- Briefly describe the layout of each floor in your building. (Include pictures of anything you have completed)
- Briefly describe how you plan to incorporate each LEED category and sub-category in your design.

- How do you expect your design to change during the course of the project?

Cost Estimate
- Include design labor costs (Estimated hours)
- Include expected public service cost (cost incurred while dealing with government agencies, e.g. DEP, DCP, and DOT)

Design Schedule
- Include a design schedule
- How will you split the design workload?

Conclusion
- What problems do you expect to run into along the way? How do you plan to solve them?