Campanile Lift Safety

Scan the QR Code to see the Campanile in action at the 2019 Gala!

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**Purpose of Project**
- Evaluate risks and hazards
- Identify countermeasures
- Implement countermeasures
- Identify where training is needed
- Create Standard Operating Procedures (SOPs) to drive safety and prolong the life of the Campanile/Lift system

**Plans going forward**
- Meet with all groups to decide on decisions to decide what will not be changed
- Discuss transportation and storage concerns
- Finalize SOPs for the raising and lowering of the Campanile.

**Challenges**
- Design Changes
  - Scraped power mover design – Using pre-built mover.
  - Powered or Impact driven lift?
- Transportation
  - Locating a suitable vehicle or trailer
- Due to the changes, assumptions must be made on the future design.

**Identified Hazards/Countermeasures**
- Fabrication process
  - Sharp objects – PPE required
  - Welding – PPE/training required
  - Loading and unloading truck/trailer
    - Large and Heavy – Training Required
    - Risk of tip over – 2 people required
- Pinch points on lift
  - Block pinch points
  - Training required to operate lift
- Raising and Lowering the lift
  - Powered lift
    - Training needed to operate
    - Secured control switch
    - Lockout tagout needed of maintenance purposes
  - Impact driven lift
    - Very loud – PPE required
    - Ergonomic Issues
- Environmental
  - Weather
    - Lightning – End performance and seek shelter Immediately
    - Excessive wind
    - Check weather before setting up