

Client Meeting

4/11/2019

Marston 3112

Type of meeting:	Meeting with Client
Note taker:	Nur

Attendees: Whole team, Cole, Patrick

Please read:

Please bring: Laptop

Minutes

Agenda item: Safety Moment

Presenter: Kat

Discussion:

This week, the safety moment was about how to become an ally.

- Learn to listen to others
- Educate yourself about other people because everyone is unique and different (cultures, way of life)
- Stand up for others if you see someone getting bullied or harassed by colleagues/strangers
- Reach out to others
- Don't assume about other people (genders, sexual orientation, religions, etc)
- Empathize with others even if you don't relate with what other people are going through
- Encourage other people

Agenda item: Questions

Presenter: Patrick

Discussion:

- **4/6 Questions**
 - Patrick and Cole consulted with people that have more experience in substation grounding. According to them, we need to get the Em value lower than the tolerable Etouch value. To do this, we should add more ground rods.
 - To calculate the n_a term, we use the equation given in the IEEE document, not the one we found. We use the equation $n_a = 2L_c/L_p$. L_c is the total length of horizontal and vertical ground rods.
- **4/11 Questions**
 - To verify the correctness of our solar plant design, Patrick and Cole went through all the calculations that we did. To verify the correctness of our substation drawings, Patrick and Cole compared our drawings to a printed set of drawings that they have that are similar to ours. To verify our grounding calculations, they have a key that they use.

Other Information

Resources:

Communication Grounding Grid Design Requirements, IEEE 80

Special notes: None