

EE/CprE/SE 491 – sdmay20-15

Substation Design

Week 8-9 Report

October 17th – October 30th

Client:

Burns & McDonnell

Faculty Advisor:

James McCalley

Team Members:

Kaitlyn Ziska – Professor Client Liaison

Brian Mace – Chief Engineer

Brandon Kaas – Scribe

Salvador Salazar – Meeting Facilitator

Justin Fischbach – Test Engineer

Robert Huschak – Report Manager

Past Week Accomplishments:

ORGANIZATIONAL ACCOMPLISHMENTS:

- o Converting final One-Line to plan view with section views
- o Prepare questions for plan view with section design

TECHNICAL ACCOMPLISHMENTS:

- o Created a initial view for clients to see with basic layout
- added questions about system interconnects
- how to create the line exits

Pending Issues:

- o Waiting for more examples from client that are more related to our designed system

o Need base drawings of other substation components to complete plan view

Plans for Coming Week:

o Finish and turn in an initial plan view, then start section views

Individual Contributions:

| Team Member | Contribution | Weekly Hours |
|------------------|-------------------------------|--------------|
| Kaitlyn Ziska | Worked on Creating plan views | 8 |
| Brian Mace | Worked on Creating plan views | 7 |
| Brandon Kaas | Worked on Creating plan views | 8 |
| Salvador Salazar | Worked on Creating plan views | 7 |
| Justin Fischbach | Worked on Creating plan views | 9 |
| Robert Huschak | Worked on Creating plan views | 9 |