ISU Senior Design Project Meeting Minutes

Date:	September 27,, 2019
From:	
Subject:	Fairlawn TLC Projects Progress Meeting Notes
	Dial-in Number: +1 (816) 666-7054

Meeting Attendees:

BMcD	
Joey Enright	
Grant Herrman	
Peter Jensen	X

ISU	
Kaitlyn Ziska	X
Salvador Salazar-Garcia	X
Robert Huschak	X
Brian Mace	
Justin Fischbach	X
Brandon Kaas	X
Professor McCalley	X

A summary for the meeting discussion provided below:

1. **Agenda**
    a. **Autocad Questions on one-line drawing**

Specific Questions and Answers

Robert: Does there need to be a disconnect switch for the ssvt
Peter: no, it typically comes with its own

Robert: the one line looks like a three line, is this a mixed document?
Peter: No, the three lines are jus match lines, that line shows that a signal continues on a different drawing. They are not phases at all.

Robert: Looking at B9 on ex 1 the upper cts go to relays but the lower ones don't.
Peter: it does go to a relay, they just continue on to another drawing and connect there.

Robert: I don't see an example for wiring a 352 relay is it the same wiring as in the drawing?
Peter: yeah, as far as the one line goes CT's , current signals come in from the sides voltages come in from the top and bottom.

Justin: for example 352 relay was blocked off with arrows point to the lockout relay, We are a little confused with the lockout region, I assume it goes on the one line, but confused where it is pointing to.
Peter: yeah the lock out will go on the one line

ISU Senior Design Project Meeting Minutes

Justin: others are going to trip breakers and other things.
Peter: the arrow that points off left, is where you put the text for all the other things the relay trips. The arrow that points directly to the lockout shows what the lock out trips.

Justin: general thought on our submission so far?
Peter: Generally it looks good so far, the configuration is correct, the 138 kv and line is correct, ct's in the right spot, is connected in the right spot, add ccvts, so far all good.

robert: do we have a relay to protect the transformer, is there an example to wiring one up?
Peter: Yeah, there isn't one in the examples given, on page 27, there is a transformer differential. On page 12 there is a transformer lead differential.

Please send any corrections or additions to the meeting notes to Bjkaas@iastate.edu