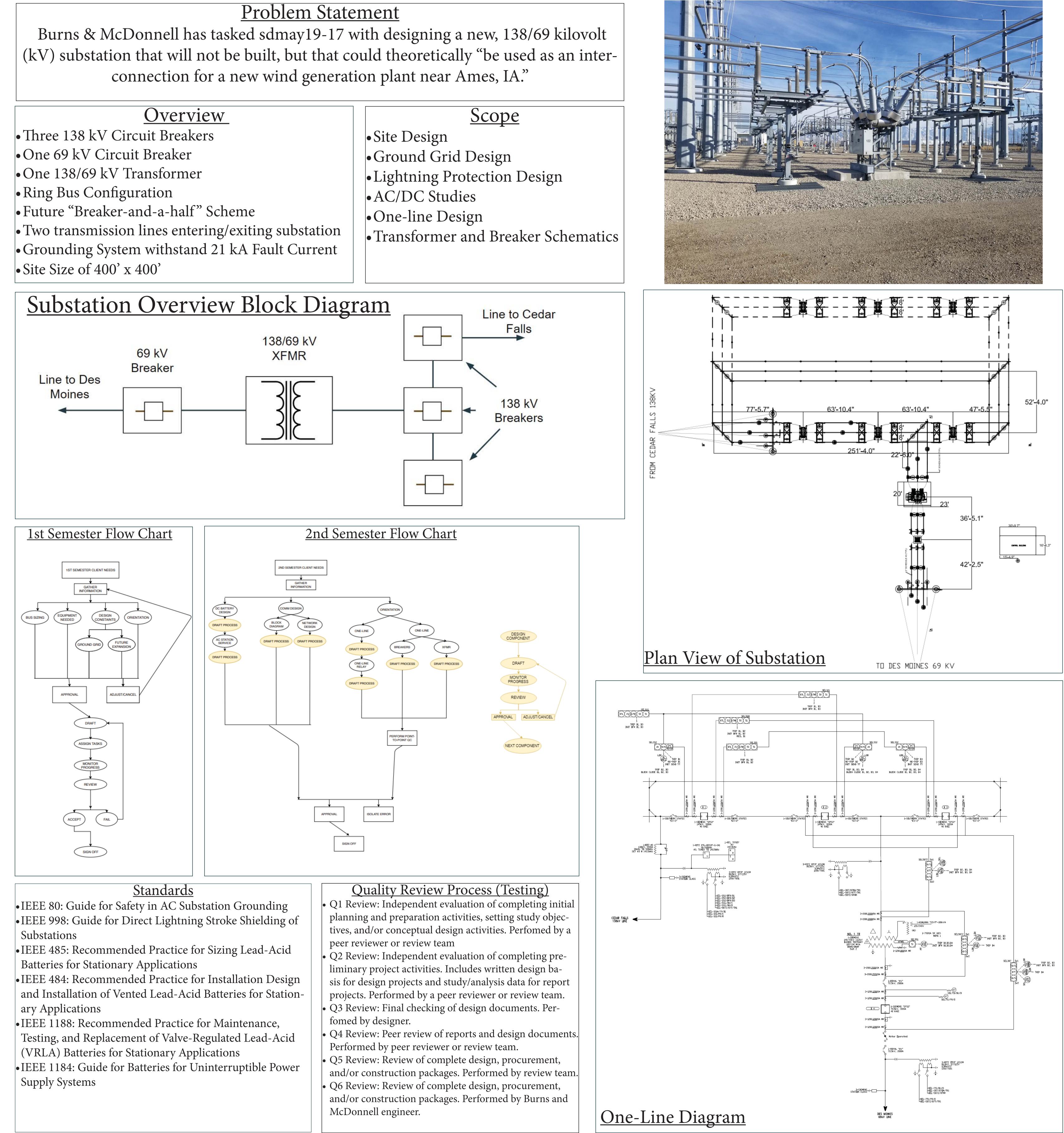


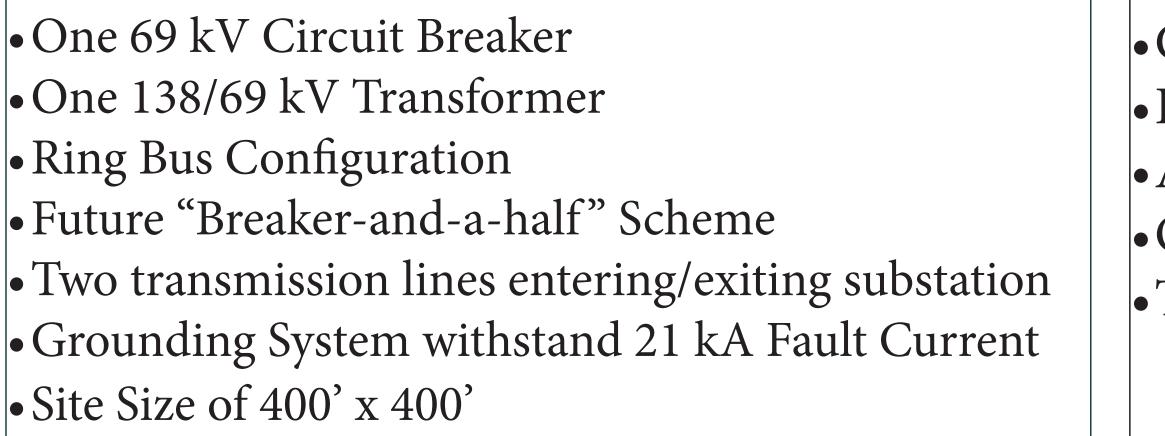
sdmay19-17: Burns and McDonnell Substation Design Nicolaus Cory, Rebecca Franzen, Jacob Heiller, Thomas Kelly, Connor Mislivec, Riley O'Donnell, Wilson Pietruszewski Client: Burns and McDonnell Advisor: Manimaran Govindarasu

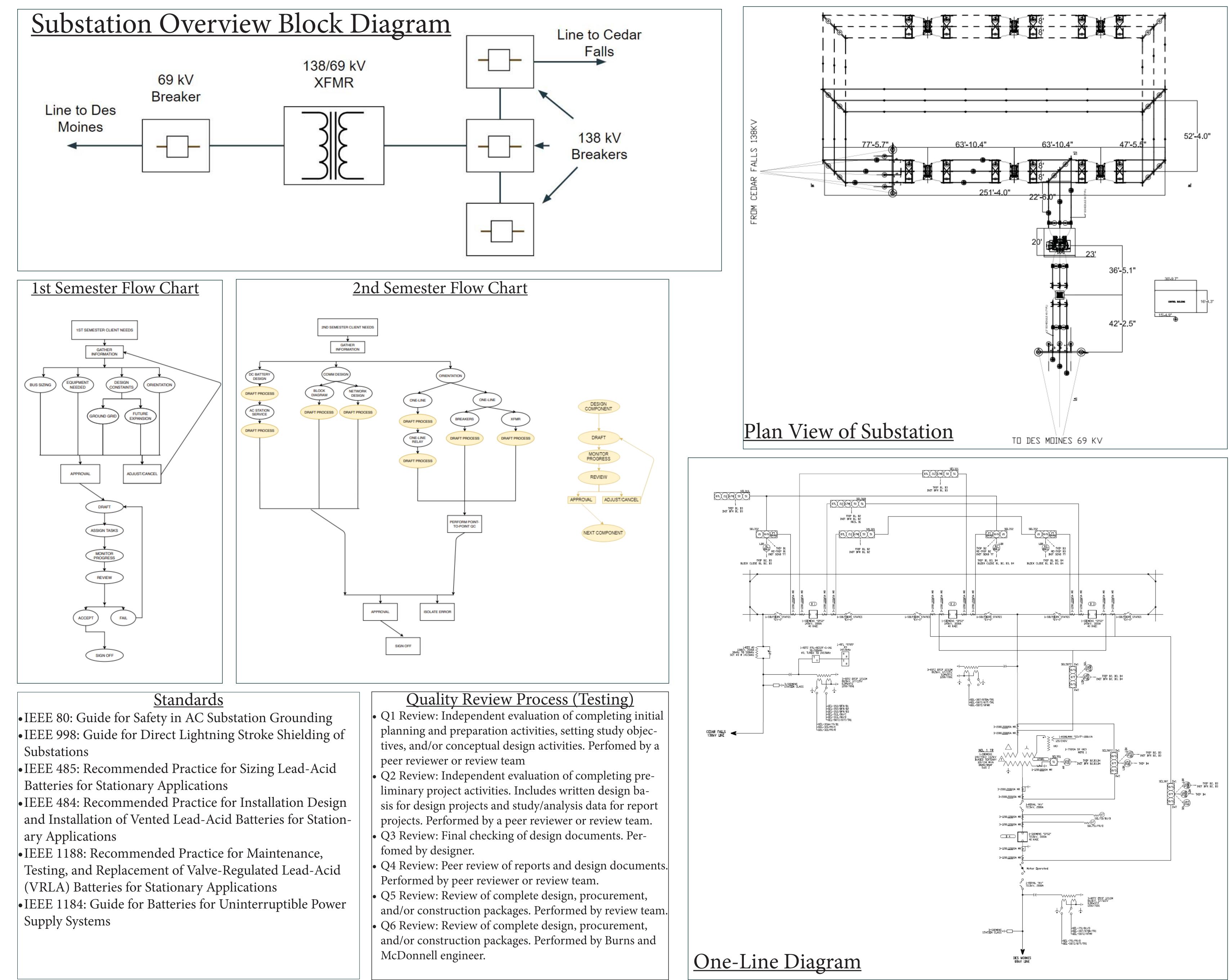
Burns & McDonnell has tasked sdmay19-17 with designing a new, 138/69 kilovolt connection for a new wind generation plant near Ames, IA."

• Three 138 kV Circuit Breakers









The Substation Design team would like to thank Grant Herrman, Abeer Hamzah, and Brian Obermeier, employees of Burns & McDonnell, for their willingness to oversee this project and for serving the team as technical advisors. The Substation Design team would also like to thank Manimaran Govindarasu, the faculty advisor for this project, for serving the team as a technical and professional advisor.