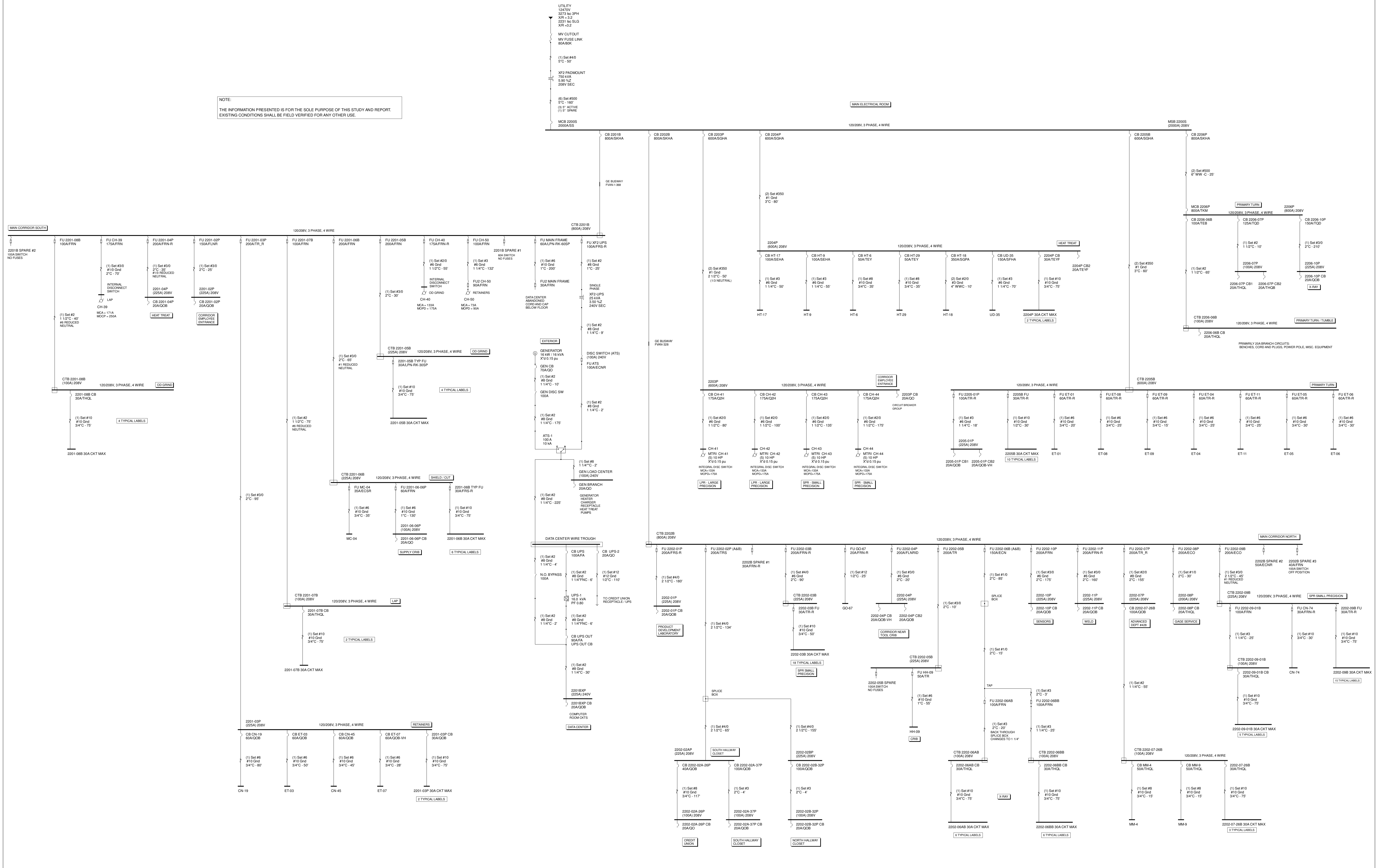


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Swan Engineering Inc.  
21 Birch Street  
Braintree, MA 02184  
617-653-3550  
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ONE LINE DIAGRAM  
SHORT CIRCUIT - COORDINATION - ARC FLASH  
STUDY

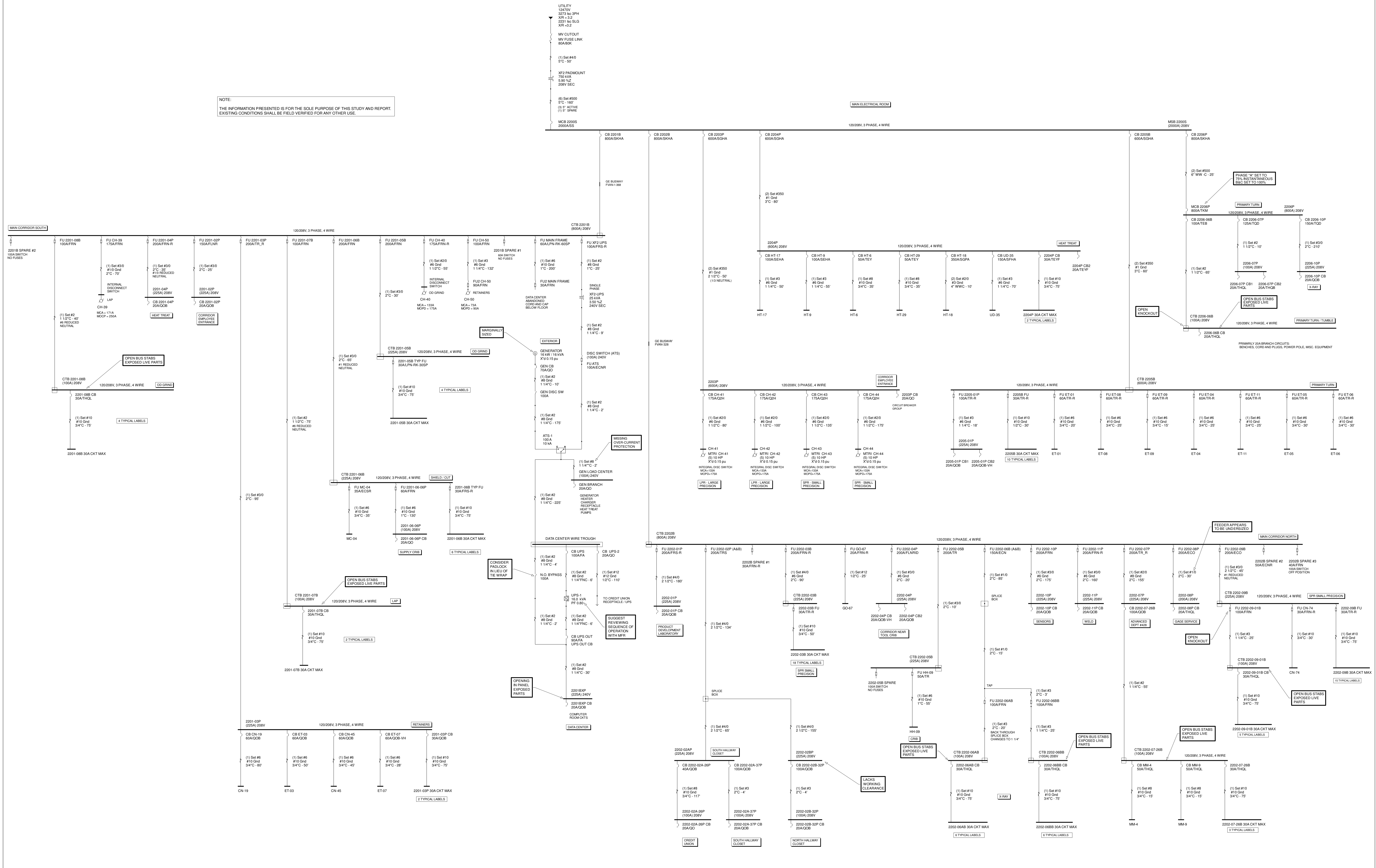
Engineering Seal

Company Name  
Company Address  
Service Designation

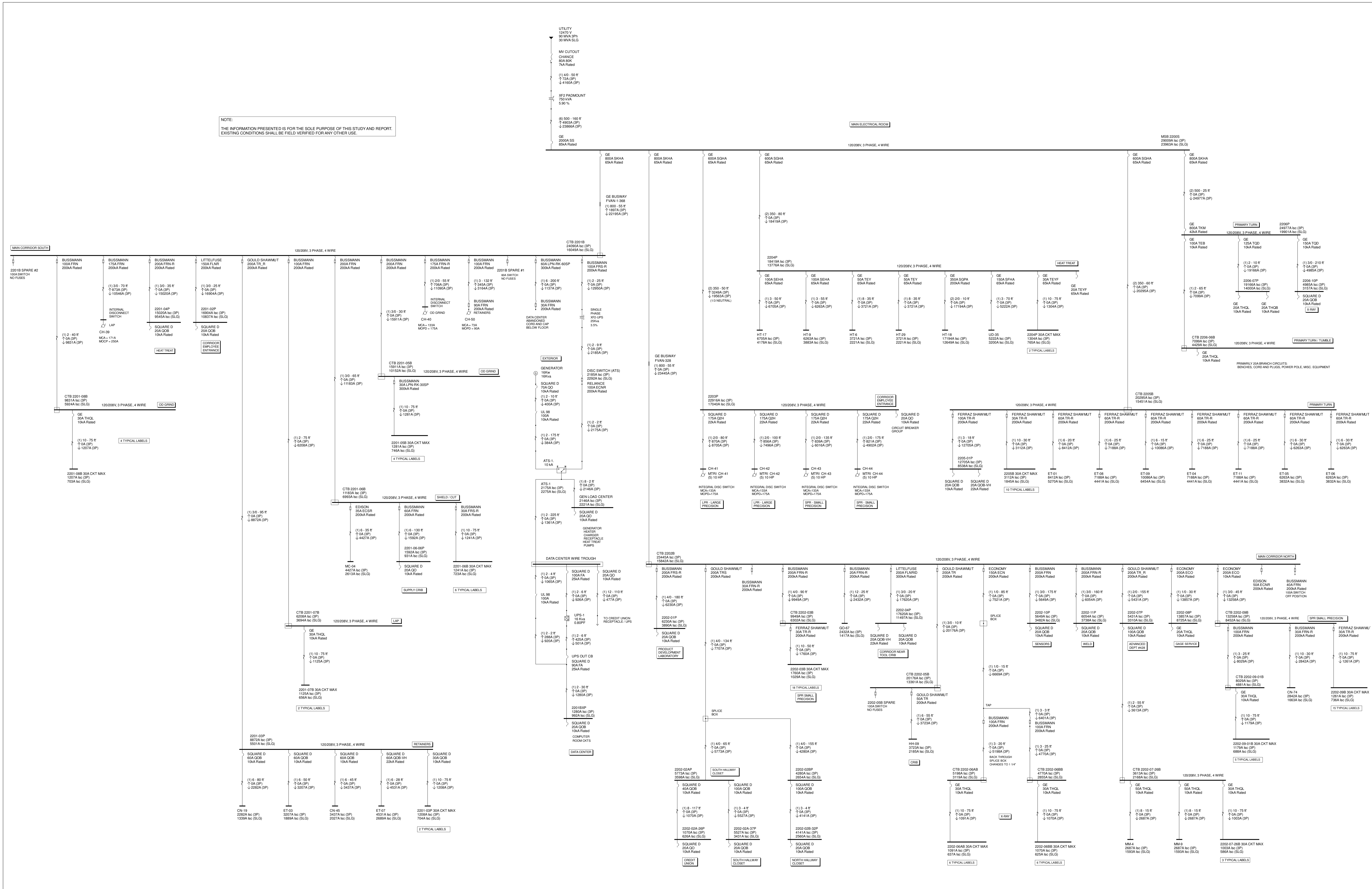
Date:  
January 7, 2016  
By: Christopher M. Swan, PE

1Line Data Input

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| <p>REVISION</p> <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> |      | NO.         | DATE | DESCRIPTION | BY |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <p>Swan Engineering Inc.</p> <p>21 Birch Street<br/>Braintree, MA 02184<br/>617-653-3550</p> <p>WWW.ENGINEERING-CLAIMS-LITIGATION.COM</p> | <p>ONE LINE DIAGRAM</p> <p>SHORT CIRCUIT - COORDINATION - ARC FLASH</p> <p>STUDY</p> | <p>Engineering Seal</p> | <p>Company Name</p> <p>Company Address</p> <p>Service Designation</p> | <p>Date:</p> <p>January 11, 2016</p> <p>By: Christopher M. Swan, PE</p> | <p>1Line Cursory Review</p> |
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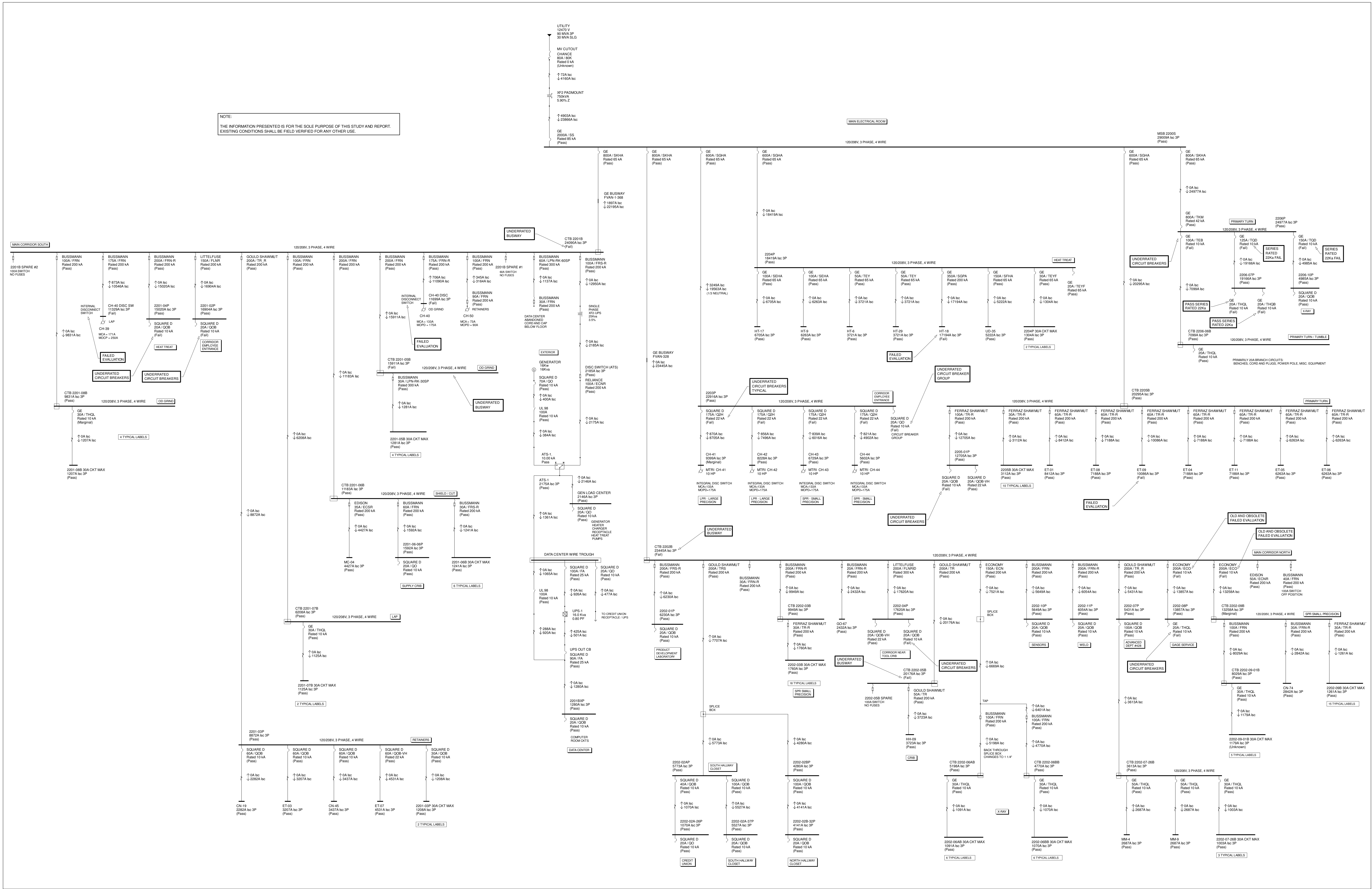


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**ONE LINE DIAGRAM**  
**SHORT CIRCUIT - COORDINATION - ARC FLASH**  
**STUDY**

|                  |                     |                  |                             |
|------------------|---------------------|------------------|-----------------------------|
| Engineering Seal | Company Name        | Date:            | By: Christopher M. Swan, PE |
|                  | Company Address     | January 12, 2016 | 1Line Short Ckt             |
|                  | Service Designation |                  |                             |



| REVISION |      |             |    |
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ONE LINE DIAGRAM  
 SHORT CIRCUIT - COORDINATION - ARC FLASH  
 STUDY

Engineering Seal

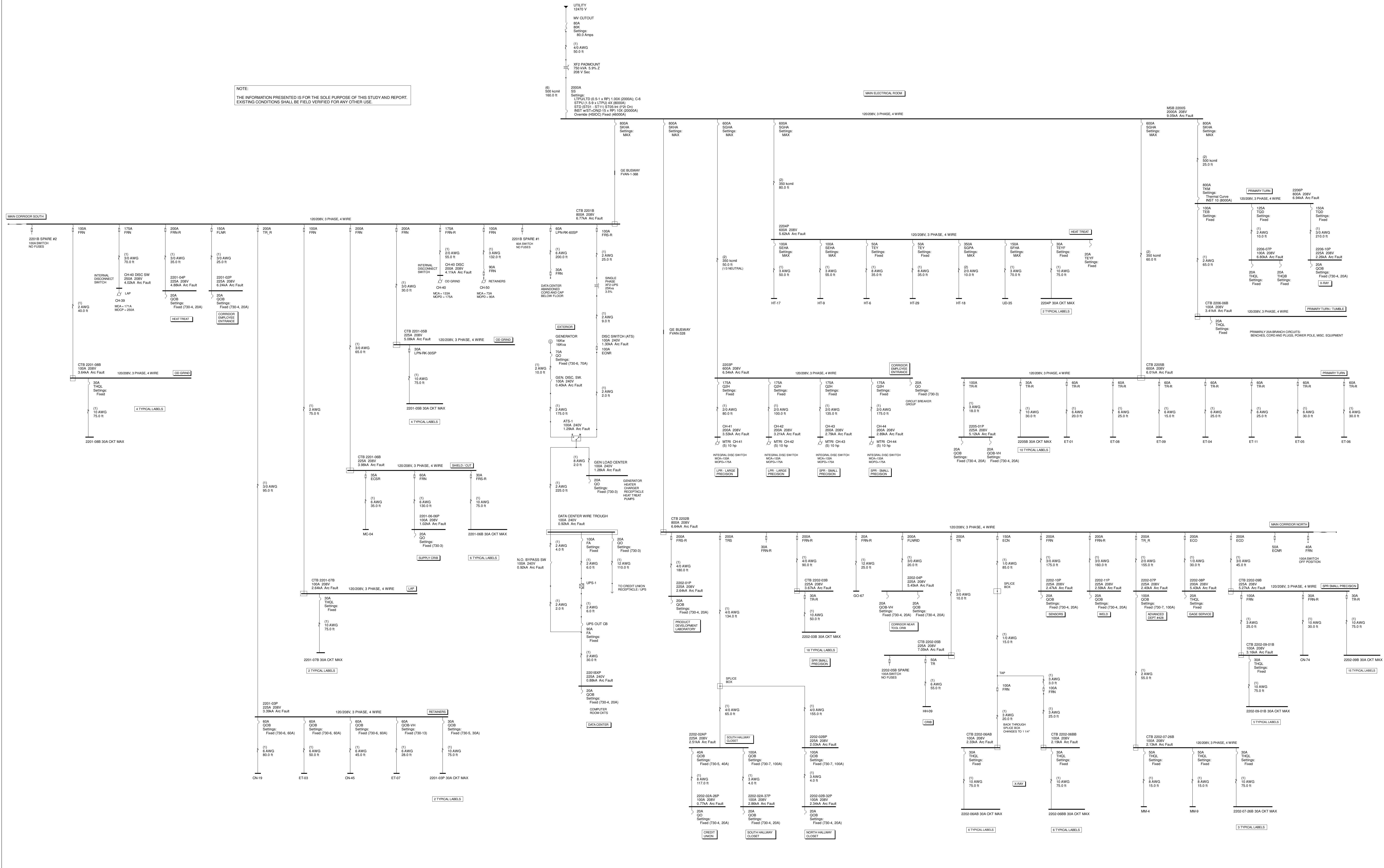
Company Name  
 Company Address  
 Service Designation

Date:  
 January 14, 2016  
 By: Christopher M. Swan, PE  
 1Line Equip Eval





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**ONE LINE DIAGRAM**  
**SHORT CIRCUIT - COORDINATION - ARC FLASH**  
**STUDY**

Engineering Seal

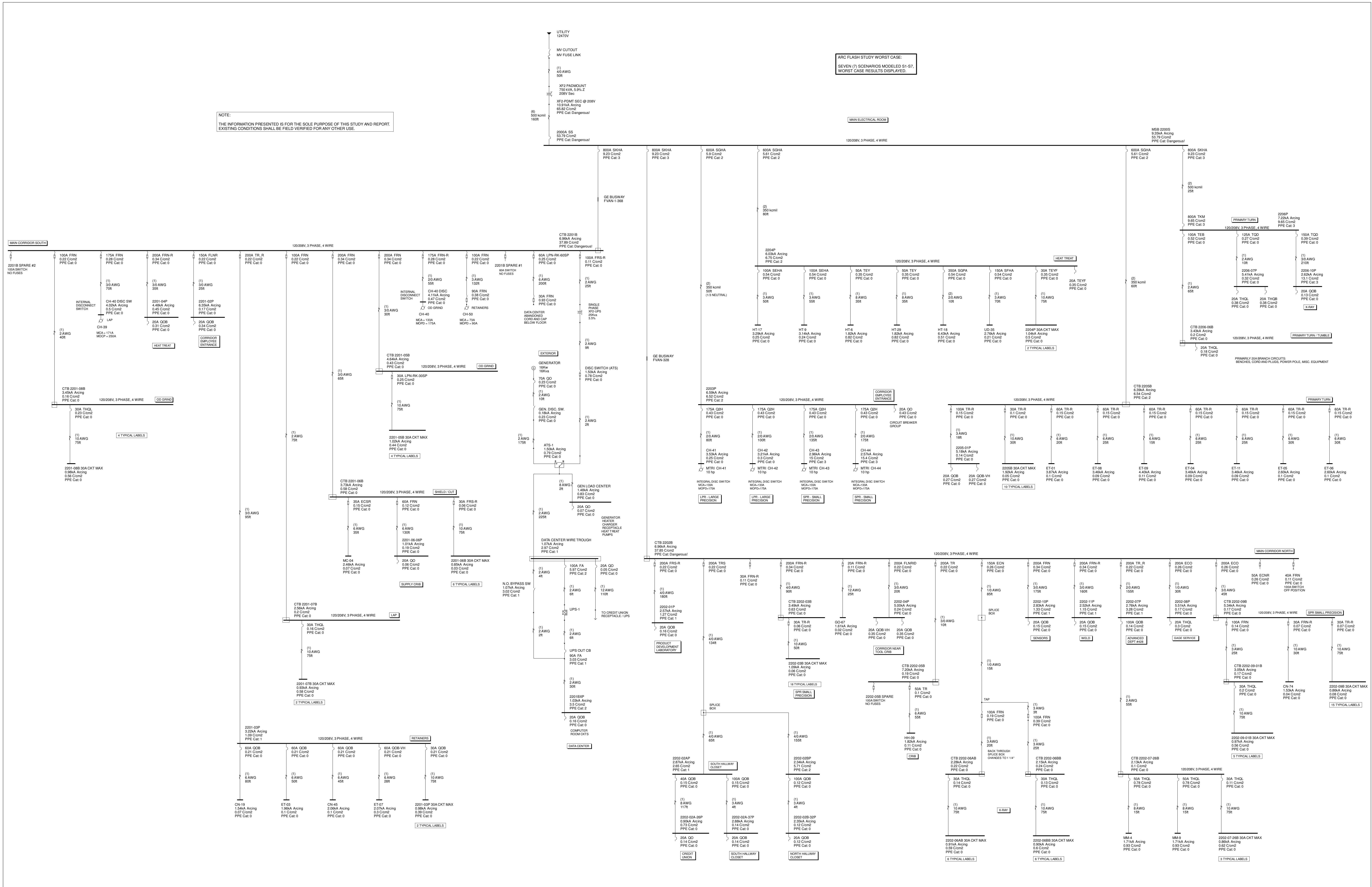
Company Name  
Company Address

Service Designation

Date:  
January 26, 2016

By: Christopher M. Swan, PE

1Line Settings



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ONE LINE DIAGRAM  
 SHORT CIRCUIT - COORDINATION - ARC FLASH  
 STUDY

|                  |                     |                             |                     |
|------------------|---------------------|-----------------------------|---------------------|
| Engineering Seal | Company Name        | Date:                       | 1Line Worst Case AF |
|                  | Company Address     | January 21, 2016            |                     |
|                  | Service Designation | By: Christopher M. Swan, PE |                     |