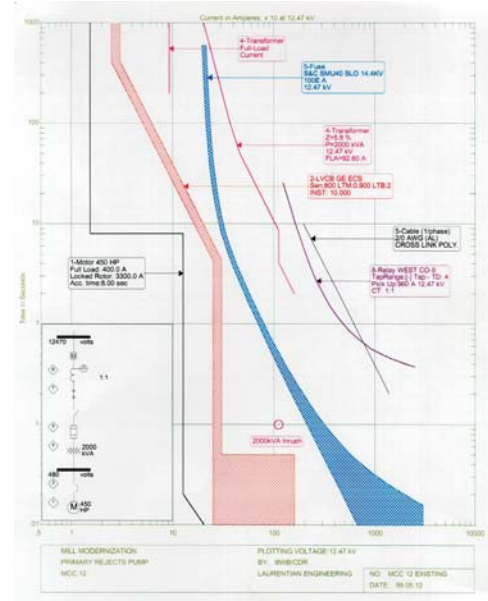
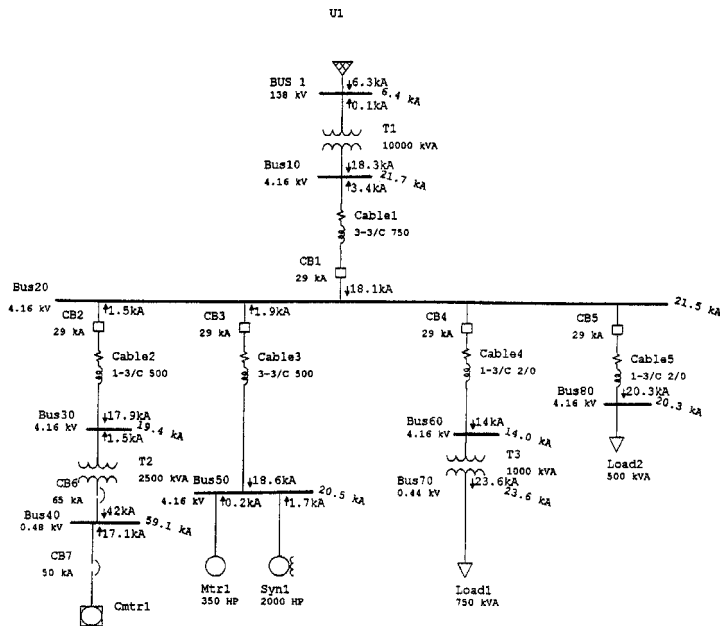


# POWER SYSTEMS POWER SYSTEMS POWER SYSTEMS

## System Analysis



Collected field data is modeled for system assessment under various criteria. Load flow analysis looks at the steady state performance of the system under various operating conditions. Short circuit determines the fault currents in the system during 3M and unbalanced fault events. The relay coordination study establishes device settings for proper system protection. System studies may include:

- Load Flow
- Short Circuit
- Harmonics
- Protective Device Coordination
- Coordination
- Power Factor
- Motor Starting & Protection
- Grounding
- Generator Protection



**cook**engineering

740 South Syndicate Avenue  
Thunder Bay, ON P7E 1E9

Telephone: (807) 625-6700  
Fax (807) 623-4491

Engineering to *“Provide The Right Solution for Effective Results”*