

Executive Summary

This report is a survey of the existing electrical system conditions for One Christina Crescent. A brief description of the electrical distribution system is presented, followed by a more detailed review of the various components and details of the system. This report addresses the service entrance, voltage systems, transformers, emergency power systems, over-current devices, switchgear, power factor correction, design issues, lighting loads, mechanical loads, service entrance size, utility company information, and communication systems.