

EX. 2: Plan & Profile Drawings

INTRODUCTION: PLAN AND PROFILE DRAWINGS

The Plan and Profile drawings presented in this Exhibit show an overhead view (plan) and an elevation view (profile) of the Connecticut portion of the proposed Interstate Reliability Project transmission line facilities. The Plan and Profile drawings were produced using 2007 aerial photography, aerial survey data, and PLS-CADD (a trademarked software product), a widely used computer program for designing transmission lines. Plan and Profile drawings are provided for the Proposed Route, as identified by The Connecticut Light and Power Company (CL&P) in Volume 1 of this Application to the Connecticut Siting Council for a Certificate of Environmental Compatibility and Public Need.

The Plan views are drawn at an approximate scale of one-inch equal to 400 feet. The Profile views provide both the vertical elevation of the structures and the horizontal distance along the Proposed Route. The Profiles are drawn at a dual scale of one-inch equal to 80 feet in the vertical direction and one-inch equal to 400 feet in the horizontal direction. This dual scale distorts the true scale of the structure heights, making them appear taller. This is done to purposefully exaggerate the details of the transmission structures and ground elevations. Additionally, the drawings show the elevation of vegetation that abuts the managed portions of CL&P's ROWs.