



ERIN M. FAULDS
MECHANICAL OPTION
TRY STREET TERMINAL BUILDING
TECHNICAL ASSIGNMENT 3

EXECUTIVE SUMMARY

Throughout this report an analysis of existing mechanical systems for the Try Street Terminal Building is presented. For this 230,000 square foot renovation project, all major equipment used in the mechanical systems is explained and corresponding schematics are provided.

Because the project includes renovations to an industrial building originally constructed in 1910, special historic considerations were taken in order to preserve the appearance of the building's façade. Other design objectives included minimizing costs, while maximizing occupant comfort and control.

Also, included in this report is a summary of the ventilation requirements performed for Technical Assignment 1. This ventilation analysis was completed in accordance with ASHRAE Standard 62.1. The design heating and cooling loads and energy analysis performed in Carrier's Hourly Analysis Program are presented as well.