

TABLE OF CONTENTS

LIST OF FIGURES	ii
LIST OF TABLES	iii
REFERENCES	iv
OBJECTIVES	v
INTRODUCTION TO PRINT READING	1
Introduction	1
Anatomy of a Drawing	2
The Title Block	2
Grid System	5
Revision Block	6
Changes	7
Notes and Legend	8
Summary	9
INTRODUCTION TO THE TYPES OF DRAWINGS, VIEWS, AND PERSPECTIVES	10
Categories of Drawings	10
Piping and Instrument Drawings (P&IDs)	10
Electrical Single Lines and Schematics	11
Electronic Diagrams and Schematics	13
Logic Diagrams and Prints	14
Fabrication, Construction, and Architectural Drawings	14
Drawing Format	16
Views and Perspectives	19
Summary	22

LIST OF FIGURES

Figure 1 Title Block	3
Figure 2 Example of a Grid	5
Figure 3 Revision Block	6
Figure 4 Methods of Denoting Changes	7
Figure 5 Notes and Legends	8
Figure 6 Example P&ID	10
Figure 7 Example of a Single Line	11
Figure 8 Example of a Schematic	12
Figure 9 Example of an Electronic Diagram	13
Figure 10 Example of a Logic Print	14
Figure 11 Example of a Fabrication Drawing	15
Figure 12 Example of a Single Line P&ID	16
Figure 13 Example Pictorial	17
Figure 14 Example of an Assembly Drawing	17
Figure 15 Example of a Cutaway	18
Figure 16 Example Orthographic Projection	19
Figure 17 Orthographic Projections	20
Figure 18 Example of an Isometric	21