

AGC of Virginia Peninsula District
Blueprint Reading Classes

Introductory Level

W. M. Jordan Learning Center
11010 Jefferson Avenue
Newport News, VA

Wednesday, March 3, 2010
Wednesday, March 10, 2010
Wednesday, March 17, 2010
Wednesday, March 24, 2010

Time: 4:30 PM – 6:30 PM

Cost: \$ 85.00 AGC Member
\$150 Non AGC Member

(PRIORITY GIVEN TO AGC MEMBERS)
REGISTER EARLY / SPACE IS LIMITED

Instructor:
Russell Lawrence (W. M. Jordan Co., Inc.)

Course Objective:

A set of construction documents (drawings) is the common means of reference for communication on a specific project for people in the industry. Whether a person is the Architect, Engineer, Owner, Contractor or Material Supplier, to discuss a project, one has to be able to read and reference the construction documents. Students of this class will be exposed to basic principals of blueprint reading (construction drawings). The class will begin with discussions of what is included to make up a set of drawings, to reading a scale (Architectural and Engineers), to having a good understanding and ability to cross-reference through Architectural, Structural, and other working drawings. The class will also outline some other supporting information that pertains to drawings such as contract specifications and the importance of submittals.

This course will be focused towards the entry level tradesman (carpenter or apprentice) and administrative assistant who seek the ability to better communicate in the industry as it relates to reading and understanding a set of construction drawings.

Course Outline:

Class limited to 25 individuals

- 1. Introduction**
 - a. *Contract Drawings*
 - Identify what typically is included in a set of drawings.
 - Explanation why drawings are needed for the construction industry
 - b. *Contract Documents*
 - What makes up a set of contract documents

- 2. Basic Principles of Blueprint Reading**
 - a. *Different Views (details, elevations, plan, sections, etc.)*
 - b. *Line Weights*
 - c. *Reading scales (Architectural and Engineers)*

- 3. Civil Drawings**
 - a. *General Notes, Symbols and Abbreviations*
 - b. *Grading Plans*
 - c. *Utility Plans*
 - d. *Landscape and Lighting Plans*

- 4. Architectural Drawings**
 - a. *General Notes, Symbols and Abbreviations*
 - b. *Plan Views, Sections and Details*
 - c. *Elevations*

- 5. Structural Drawings**
 - a. *General Notes, Symbols and Abbreviations*
 - b. *Foundation Plans, Sections and Details*
 - c. *Framing Plans, Sections and Details*

- 6. Plumbing Drawings**
 - a. *General Notes, Symbols and Abbreviations*
 - b. *Plumbing Plans*
 - c. *Riser Diagrams*

- 7. Mechanical Drawings**
 - a. *General Notes, Symbols and Abbreviations*
 - b. *Mechanical Plans and Details*

- 8. Fire Suppression Systems**
 - a. *Wet Pipe vs. Dry Pipe Systems*

- 9. Miscellaneous Topics**
 - a. *Specifications*
 - Small vs. Large Scope Projects
 - CSI Format w/ 16 divisions
 - Submittals (Product Data, Shop Drawings, Warranties, O& M Manuals)

Blueprint Reading Registration Form



MIKE DUBOSE - PENINSULA DISTRICT PRESIDENT

Return to: Suzanne Edwards, AGC of Virginia, P. O. Box 5700,
Glen Allen, VA 23058 (804) 364-5504 FAX: **(804) 364-5511**

There will be _____ person(s) attending the Peninsula District Blueprint Reading sessions

A check is enclosed in the amount of \$ _____ (**\$85 AGC Member - \$150 Non AGC Member**)
PRIORITY GIVEN TO AGC MEMBERS

Space is Limited Register TODAY!
Make check payable to AGC/VA Peninsula District

Signed _____ Company _____

Phone _____ Email _____

List Attendees _____



A RESERVATION IS AN OBLIGATION TO SUBMIT PAYMENT