



# BLUEPRINT READING SEMINAR

FWCCA OFFICE • 315 W. MELODY LANE, CASSELBERRY, 32707

MAY 14, 2025 • 10 AM - 1PM

*Please park across the street in Target Shopping Center*

**INSTRUCTOR: JEFF SHEPHERD, MADER SOUTHEAST, ORLANDO, FL**

## COURSE DESCRIPTION

### BLUE PRINT READING 101: A CLOSER LOOK INTO ARCHITECTURAL DRAWINGS/DETAILS/DIMENSIONS

An overview of the different types of drawings and where to find what information. An exercise wherein attendees will work with actual blue prints and "find" something in the drawings.

### THE DIFFERENT SETS OF DRAWINGS

- Structural (Foundation, Floors, Columns, Beams, Grid Lines, Roof, Exterior Walls)
- Architectural (Life Safety, Dimensions, Finishes, Details, Ceilings)
- Mechanical (HVAC, Chilled Water, Coiling Units)
- Electrical (Underground, Walls, Ceilings, Life Safety, Fixtures, Panels)
- Plumbing (Hot/Cold Water, Venting, Drains)
- Fire Suppression (Fire Sprinklers, Mains, Heads, pump)
- Site/civil Drawings (Grading, Roads, Landscaping, Surveying)

### HOW ARE THE OTHER SETS OF DRAWINGS USEFUL?

- Structural (Slab elevations, steel connection, floor heights)
- Mechanical (scheduling, access, top out, dampers, openings)
- Electrical (Access, lights layout, electrical rooms)

### SPECIFICATIONS

- All Specifications (spec numbers and what they are, why)
- Specs for Drywallers to Know
- 1 - Division 1 - (information, safety requirements, general requirements)
- 2 - Division 5 - (054000)

- 3 - Division 6 - (061000) Carpentry, GFRP
- 4 - Division 7 - (072100, 072500, Fire stopping)
- 5 - Division 8 - (Doors/Windows)
- 6 - Division 9 - (092116, 092900)
- 7 - Division 10 (Specialties)
- When the Specs conflict with the drawings, which takes precedence

### SHOP DRAWINGS

- Steel Shops
- Door and Window Shops
- Bathroom Shops
- Recessed fixture shops
- Wall Accessories - Hospitals
- Millwork Shops

### A CLOSER LOOK INTO ARCHITECTURAL DRAWINGS

A set of prints acts as a step by step guide to the construction of a building. Some prints have more detail than others, but all include certain basic types of information. Typical commercial prints consist of the following which will be covered during the presentation:

- Specifications
- Floor Plan
- Exterior Elevations
- Interior Elevations
- Section Details
- Enlarge Sections
- Finish Schedules
- Interior Drawings

**REGISTRATION FORM  
ON BACK**



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- 9:30 AM REGISTRATION AND CHECK-IN
- 10:00 AM CLASS BEGINS
- 11:45 AM BREAK FOR LUNCH - (WILL BE SERVED)
- 1:00 PM CONCLUSION

**MEMBERS: FIRST PERSON FREE - 2 OR MORE \$100.00/EA**

**NON-MEMBERS: \$200.00 TO JOIN – FIRST PERSON FREE – 2 OR MORE \$100.00/EA**

*Complete and mail with payment to: FWCCA, PO BOX 180458, CASSELBERRY, FL 32718*

Company Name: \_\_\_\_\_

Co. Address: \_\_\_\_\_

City: \_\_\_\_\_ ST: \_\_\_\_\_ Zip: \_\_\_\_\_

*Names of attendees:*

1. \_\_\_\_\_ 3. \_\_\_\_\_

2. \_\_\_\_\_ 4. \_\_\_\_\_

Total due for named registrants: \$ \_\_\_\_\_



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