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CORE DESCRIPTION

561 Introduction to Blueprint Reading APPAU201909

This hands-on fundamentals course is designed for individuals in facilities administration and operations who are responsible for reviewing design drawings for campus projects. Lear the techniques for reviewing and interpreting plans and elevations by envisioning three-dimensional space from a two-dimension representation. Review how architectural and engineering drawings, better known as "blueprints", once reproduced for review, are structured, layered, detailed, cross-referenced and more.

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Faculty: Sadie Greiner

LEARNING OBJECTIVES

1. Discuss the responsibilities for reviewing design drawings for campus project.

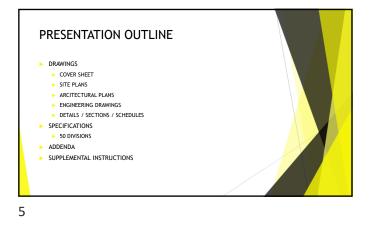
2. Learn the techniques for reviewing and interpreting plans by envisioning three-dimensional space from a two-dimension representation.

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3. Review architectural and engineering drawings, are structured, layered, and more

4. Review how blue prints are cross referenced.

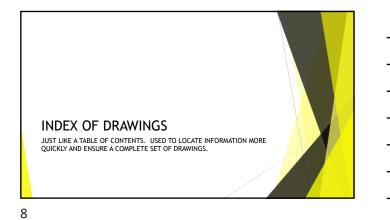
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COVER SHEET PROJECT TITLE, ARCHITECT/ENGINEER NAME(S), CONTACT INFORMATION, PROJECT LOCATION MAP, DATE (ISSUED/ BID) AND INDEX OF PLAN SHEETS.

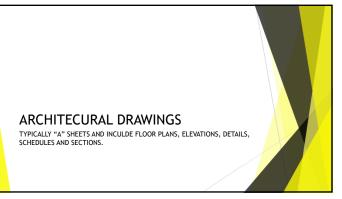


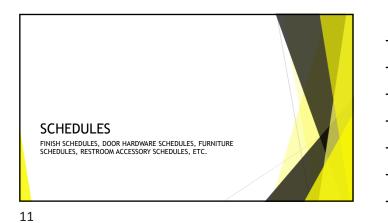




SITE DRAWINGS

TYPICALLY "C" SHEETS AND INCULDE TOPOGRAPHICAL INFORMATION, SOIL BORINGS, SITE DEMOLITION, SITE UTILITY PLANS AND BMP PLANS.



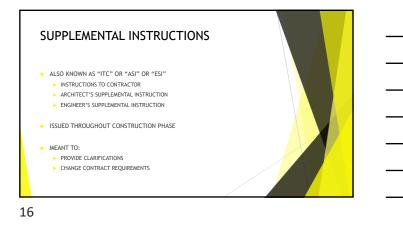












ACTIVITY QUESTIONS WHAT DOES THE SCOPE OF THE PROJECT COVER? WHAT TYPE OF FLOORING IS GOING BACK IN? DOES THE PROJECT INCLUDE ANY

BID ALLOWANCES?

- BID ALTERNATES?
 UNIT PRICES?
- WERE PLANS CHANGED BY ADDENDA?
- WHAT IS THE PROJECT DURATION?
- ▶ WHAT SPECIALTY ITEMS ARE INCLUDED IN THE PROJECT?
- ► IS LIGHTING BEING REPLACED?
- ► IS HVAC BEING UPGRADED?
- ARE DOOR AND DOOR FRAMES BEING REPLACED ALONG WITH ACCESS SECURITY UPGRADES?

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This concludes The American Institute of Architects Continuing Education Systems Course

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