

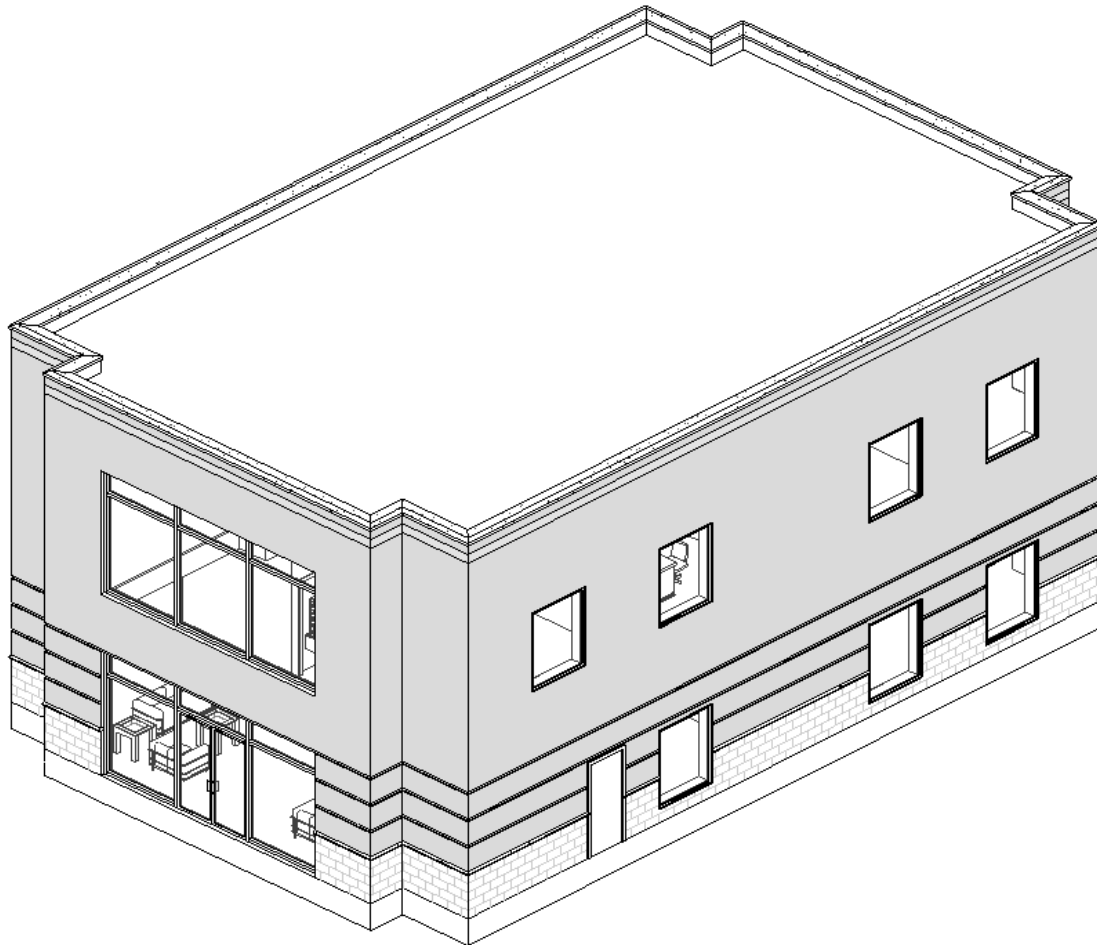


REVIT Level 2

Session 9

AGENDA

FINAL PROJECT- WORKING DRAWINGS part 1



Drawings in a typical Architectural drawing package

- Architectural working drawings are detailed diagrams and schematics that provide comprehensive information for the construction of a building. These drawings communicate the design intent and include various types of plans and details. Here's a list of the typical drawings you might find in an architectural working drawing package:
 - **1. Site Plan**
 - Shows the building's placement on the site, including landscaping, driveways, and property lines.
 - Indicates topographical features and neighboring structures.
 - **2. Floor Plans**
 - **General Floor Plans:** Layout of each floor, including walls, doors, windows, and rooms.
 - **Furniture Plans:** Placement of furniture and equipment.
 - **Reflected Ceiling Plans:** Layout of ceiling elements such as lights, vents, and ceiling finishes.

- **3. Elevations**
- **Exterior Elevations:** Views of the building's exterior from all relevant sides.
- **Interior Elevations:** Views of interior walls to show finishes, fixtures, and details.
- **4. Sections**
- **Building Sections:** Vertical cuts through the building to show interior spaces, structural elements, and ceiling heights.
- **Detail Sections:** Focused cuts to show specific construction details.
- **5. Details**
- **Construction Details:** Drawings that show how particular elements are constructed, such as wall junctions, window installations, and stair assemblies.
- **Millwork Details:** Detailed drawings of custom cabinetry and other woodwork.

- **6. Schedules**
- **Door and Window Schedules:** Lists of all doors and windows, including sizes, materials, and hardware.
- **Finish Schedules:** Specifications for all surface finishes like flooring, wall coverings, and ceilings.
- **Room Schedules:** Information on room dimensions, finishes, and other characteristics.
- **7. Roof Plans**
- Shows the layout of the roof, including slopes, drainage, and roof-mounted equipment.
- **8. Construction Details**
- Detailed drawings illustrating specific construction techniques and materials.
- **9. Structural Drawings**
- While primarily the domain of structural engineers, these drawings often complement architectural plans and include framing plans, foundation details, and structural calculations.

- **10. Mechanical, Electrical, and Plumbing (MEP) Drawings**
- **HVAC Plans:** Heating, ventilation, and air conditioning layout.
- **Electrical Plans:** Lighting, power distribution, and electrical outlets.
- **Plumbing Plans:** Water supply, drainage, and plumbing fixtures.
- **11. Landscape Plans**
- Layout of landscaping features, including plants, hardscapes, and irrigation systems.
- **12. Details and Finishes**
- Specific details about materials, finishes, and construction methods.
- **13. Signage and Wayfinding Plans**
- Plans for any signage or wayfinding systems within the building or site.
- **14. Code Compliance and Accessibility Drawings**
- Drawings showing compliance with building codes and accessibility standards.
- These drawings work together to provide a comprehensive guide for contractors, builders, and other professionals involved in the construction process. Each type of drawing serves a unique purpose