

# Working Drawings - Basics

- **Title & Revision Blocks**
- **Example Drawing Package**
- **Building Construction Views**
- **Drawing Interpretation Activities**



# Working Drawings

**Working drawings provide all information and instructions needed to manufacture/purchase/assemble a design, including:**

- **title block;**
- **revision block;**
- **multiview drawings of each part;**
- **assembly drawings;**
- **parts list/bill of materials (BOM)**



# ANSI Drawing Template

FILE NAME Drawing2							
CONTRACT NO -							
DRAWN 06/20/2001delrod							
CHECK							
APPR.							
ISSUED							
		SIZE	FSCM NO	DWG NO	REV		
		A	-	-			
		SCALE 1"=1'-0"		SHEET			



# Title and Revision Blocks

## ANSI A Title Block

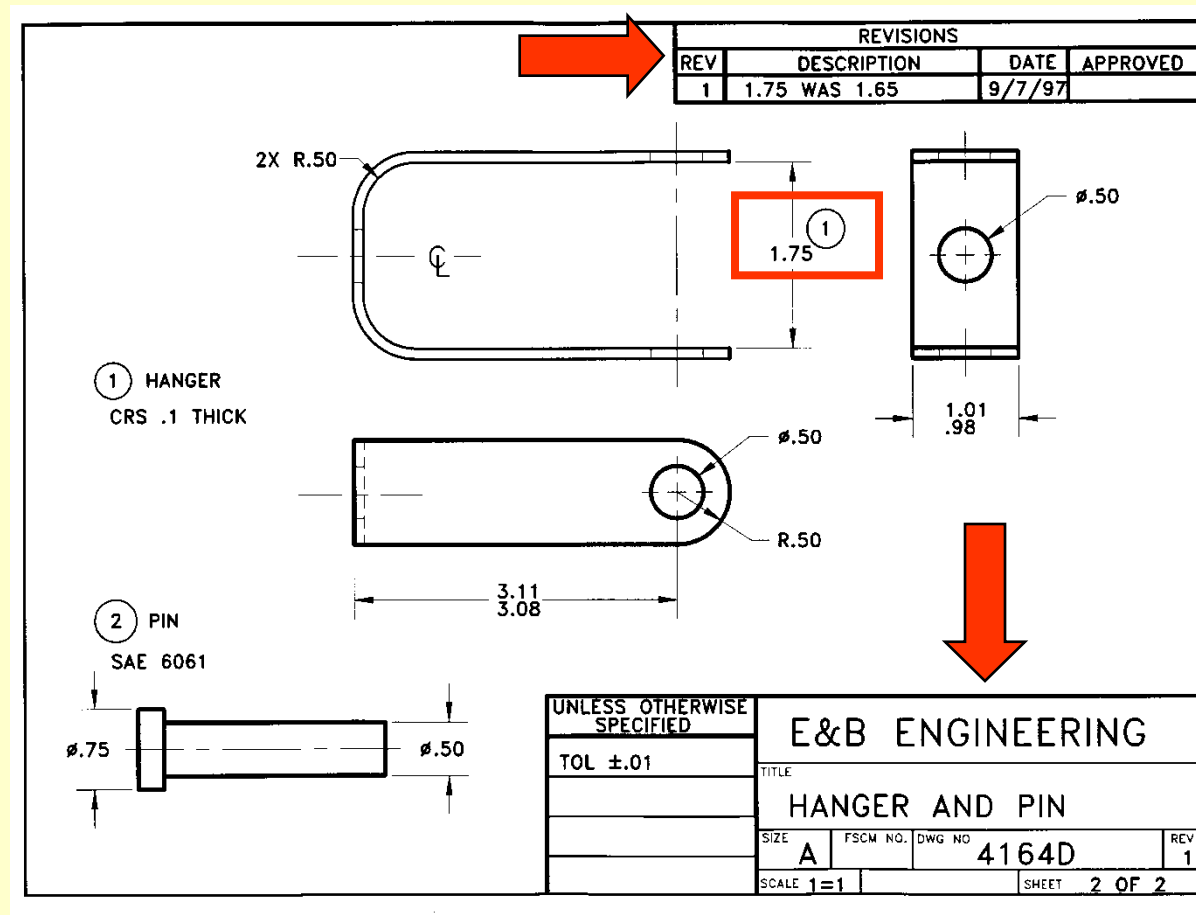
Unless otherwise specified	<b>Company name, address</b>			
	<b>Title or part name</b>			
DRAWN BY	SIZE	FSCM NO.	DWG NO.	REV
CHECKED BY	SCALE		SHEET	

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



# Title and Revision Blocks - Example

triangles or hexagons often used for change symbol



# A Drawing Package

- Complicated products require many drawings
- Drawings organized by trade/process (e.g., architectural, structural, mechanical, electrical, site work, etc.)
- Often there are schedules of information that help interpret symbols found in drawings (e.g., rebar schedules, door schedules, etc.)

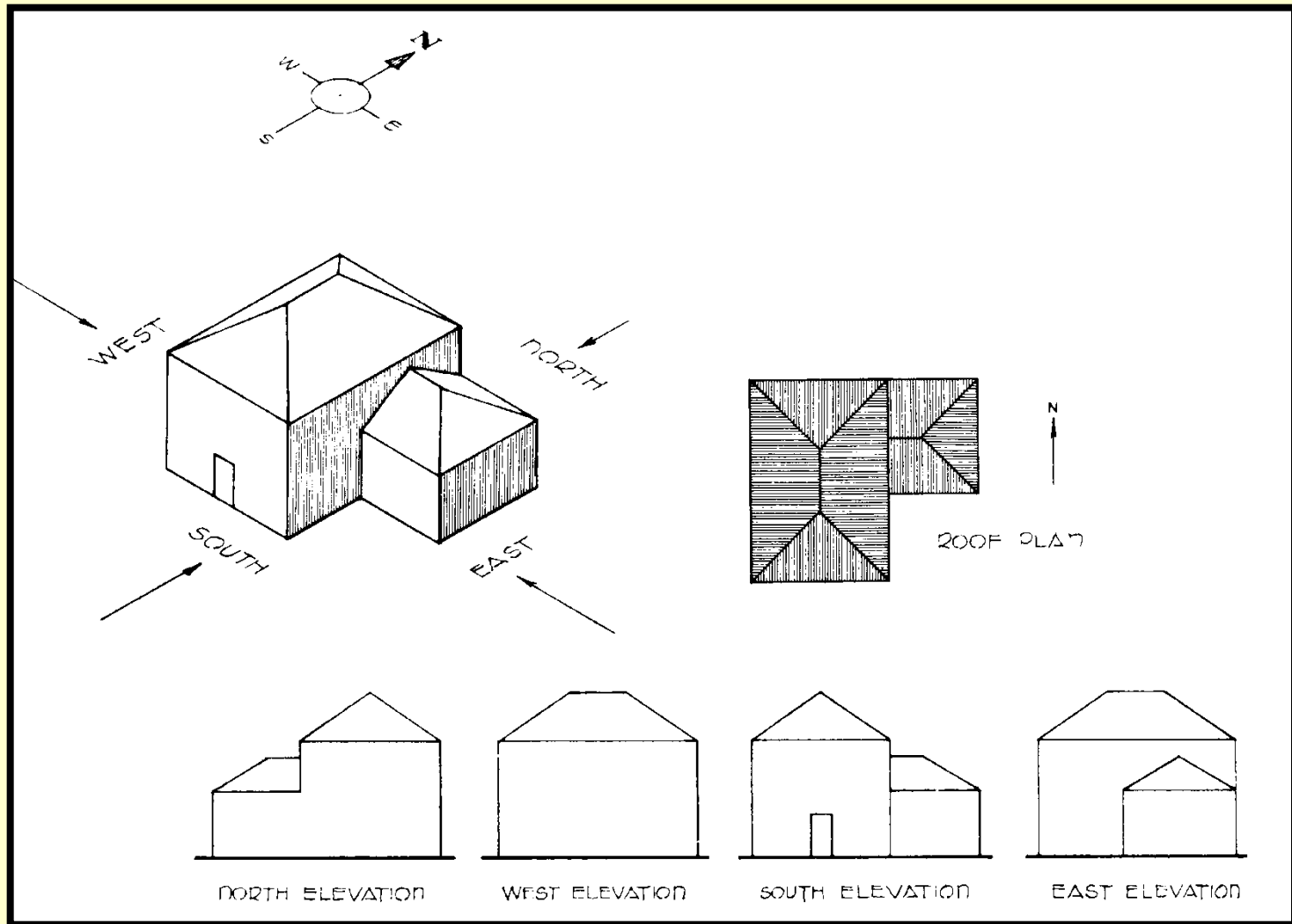


# Drawing Notations

- Sheet/Package Numbering
- References (notes, north arrows, detail drawings, etc.)
- Grid orientations (A, B, C lines in one direction and 1, 2, 3, lines in an orthogonal direction) allow locations to be referenced as A1, C3 etc.

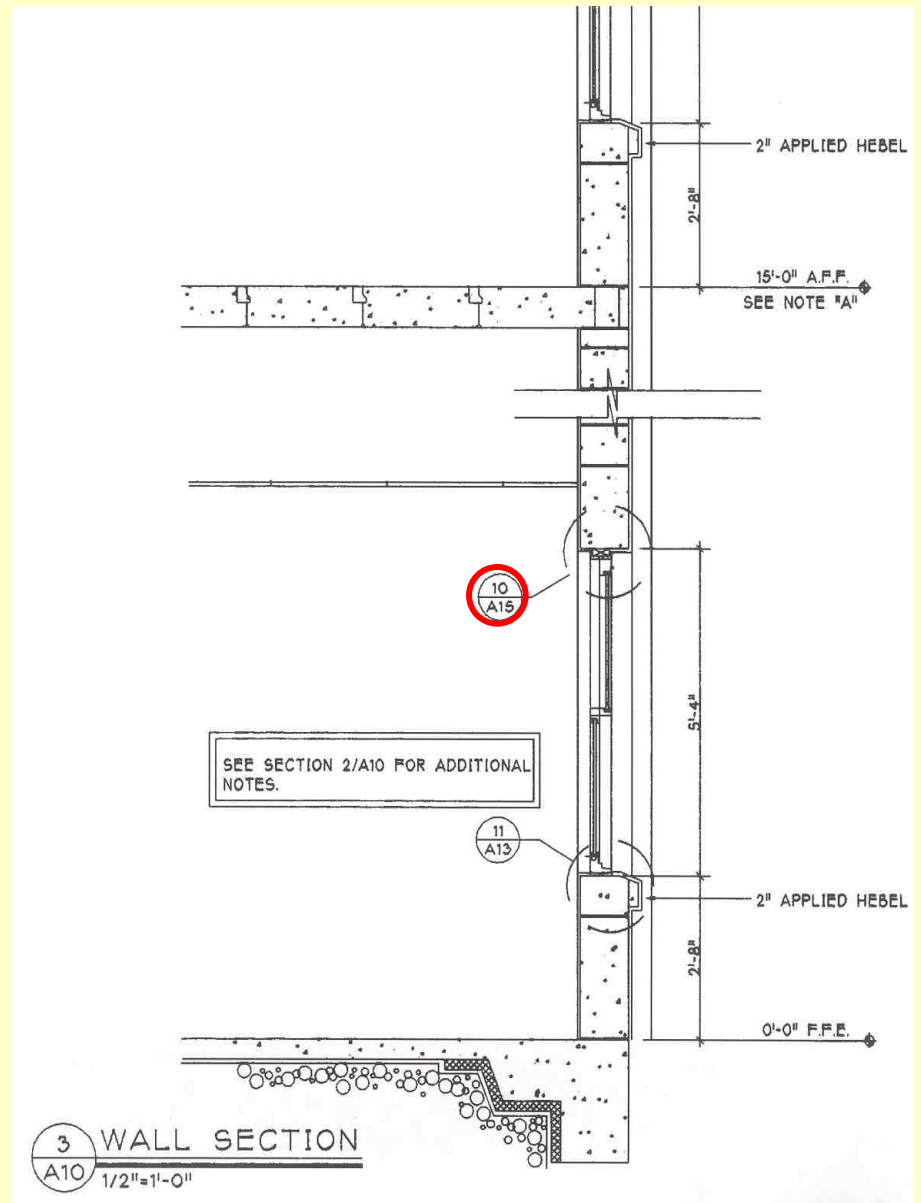


# Plan and Elevation Views

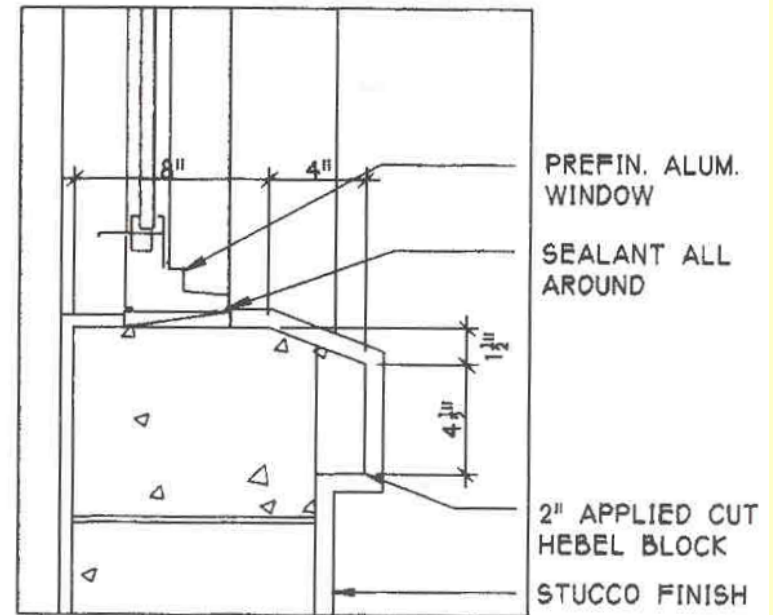
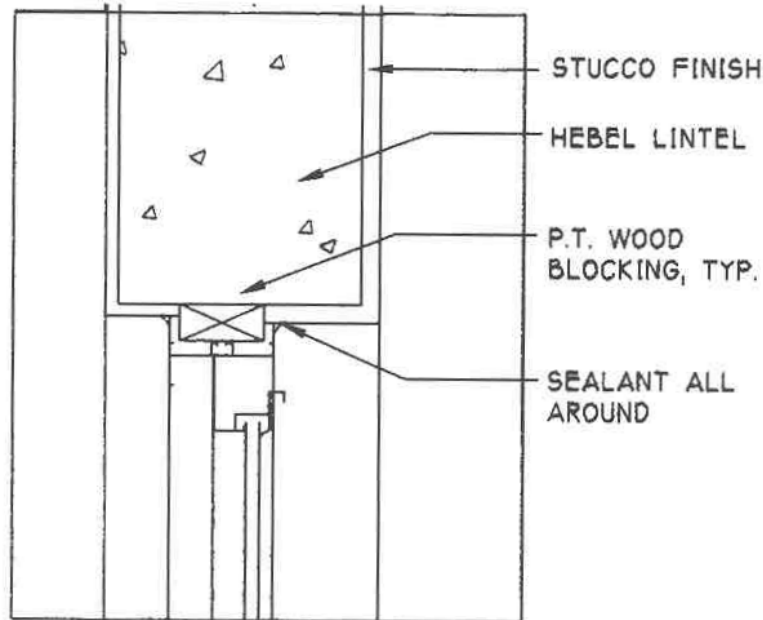




# Sample Wall Section View



# Sample Detail Views



10 HEAD (WINDOW)  
A15 1-1/2" = 1'-0"

11 SILL (WINDOW)  
A15 1-1/2" = 1'-0"

9  
A15

