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Module 03C: Dimensioning

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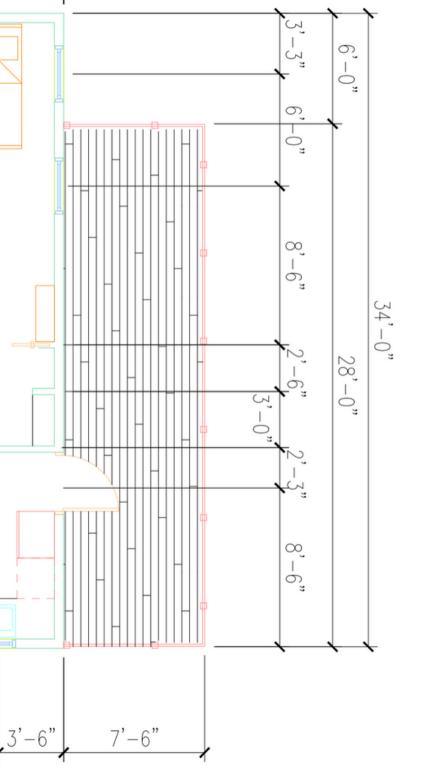
FLOOR PLAN
DIMENSIONS
AND NOTES

INTRODUCTION

Dimensions

- Provide measurements used for construction
- Found on all types of architectural drawings
- ullet Presented using lines, numerical values, symbols, or notes $oldsymbol{\mathcal{E}}$ specs
- Drawings must include all dimensions needed for construction

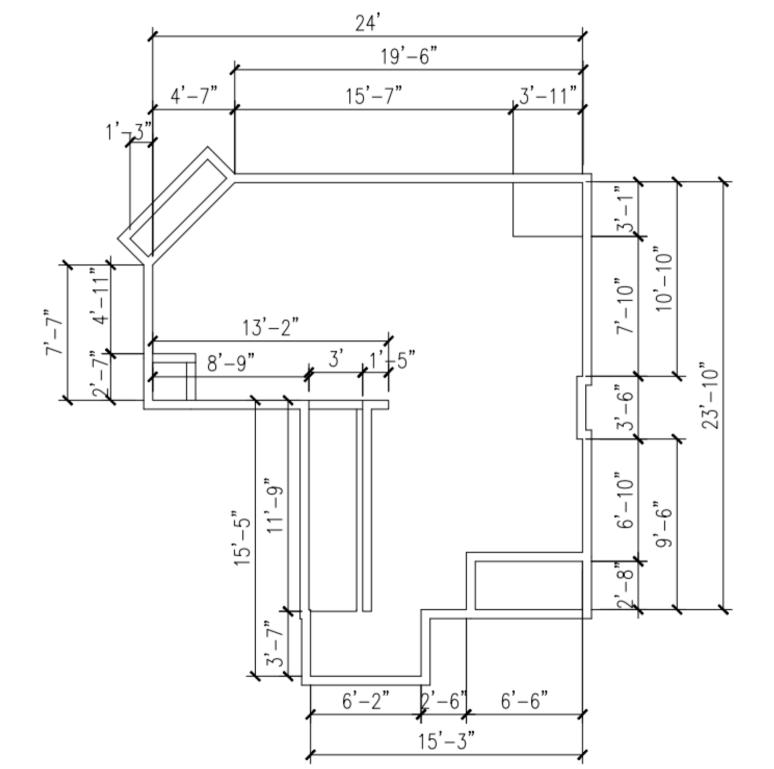




ALIGNED DIMENSIONS

- Most common
- Dimensions placed in line with dimension lines
- Read from bottom or right side of sheet
- Extension lines show the extent of dimension
- Start with a small space from feature being dimensioned and extend past last dimension line

PLAN EX IMENSIONED



DIMENSIONED PLAN EX

OMITTING DIMENSIONS ESTABLISHED BY THE FOUNDATION

Foundation

- System placed on the ground and used to support the building
 - Certain features on floor plan are established on foundation plan

DIMENSIONING ARC AND CIRCULAR FLOOR PLAN FEATURES

Features originating from the foundation do not require floor plan dimensions

- Referencing dimensions on the floor plan is a good idea
- Other features are dimensioned by location and radius or diameter dimension

MASONRY VENEER ON THE FLOOR Masonry veneer PLAN

- Application of thin (4") masonry to the exterior of a wood-frame structure
- Can also be applied to interior frame partitions'

CONCRETE BLOCK AND STRUCTURAL MASONRY CONSTRUCTION

Concrete block

Can be used to construct exterior or interior walls

SOLID CONCRETE CONSTRUCTION ON THE FLOOR PLAN

Residential construction, mostly limited to:

- Foundations
- Basements
- Subterranean homes

Construction:

• Concrete is poured into forms which mold the mixture

FLOOR PLAN NOTES AND SPECIFICATIONS

Specific notes relate to specific features

- Window and door schedule
- Room names and appliance labels
- Tub, shower, and spa labels
- Fireplace or solid fuel-burning appliance labels
- Stair and closet labels
- Access, firewalls, and floor lines

General notes apply to features on the entire drawing

Commonly lettered in field of the drawing

NOTES:

- SOLID CONTOUR LINES ARE UNAFFECTED BY GRADING
- 2. DASHED CONTOUR LINES ARE SUBJECT TO CONSTRUCTION
- 3. LEAVE NATURAL LANDSCAPING AS UNDISTURBED AS POSSIBLE
- DIAGONAL STRIPED STRUCTURES HAVE CONCRETE SLAB FOUNDATION POURED INTO GRADE
- 4.1. MAILBOX AND SHED ARE ON 1/2 THICKNESS SLAB OF MAIN STRUCTURE
- PATHWAYS WITH COBBLESTONE HATCHING WILL USE PAVERS TO CREATE WALKWAY
- SIDEWALKS AND DRIVEWAY ARE PAVED WITH HOME OWNERS ASSOCIATION AND CITY GOVERNMENT APPROVED ASPHALT
- MAILBOX LOCATION PER HOME OWNERS ASSOCIATION REQUIREMENT REQUIREMENT
- MINIMUM 10' SETBACK FROM STREET MET
- 9. NO PUBLIC SIDEWALK REQUIRED THROUGH PROPERTY

NOTES

- 1. 36" WIDTH SIDEWALK ADJACENT TO ALL ROADS
- 2. WALKWAYS PAVED WITH SMOOTH CONCRETE ON PUBLIC PROPERTY BETWEEN SITES
- 3. ALL SITES MUST CONSTRUCT MAILBOX WITHIN 1' OF CURB
- 4. STANDARD 6" CURB ON ALL ROADS WITH STORM DRAINS APPROX. 50 YARDS APART
- 5. POND FOUNTAIN INSTALLATION PER MANUFACTURER'S INSTRUCTION

DESIGNING FLOOR PLANS USING STANDARD CONSTRUCTION MODULES

Material conservation and construction labor simplification is important to consider

- Standard inch construction modules are 12", 16", and 24"
 - When possible, design the overall building and major projections using these modules

