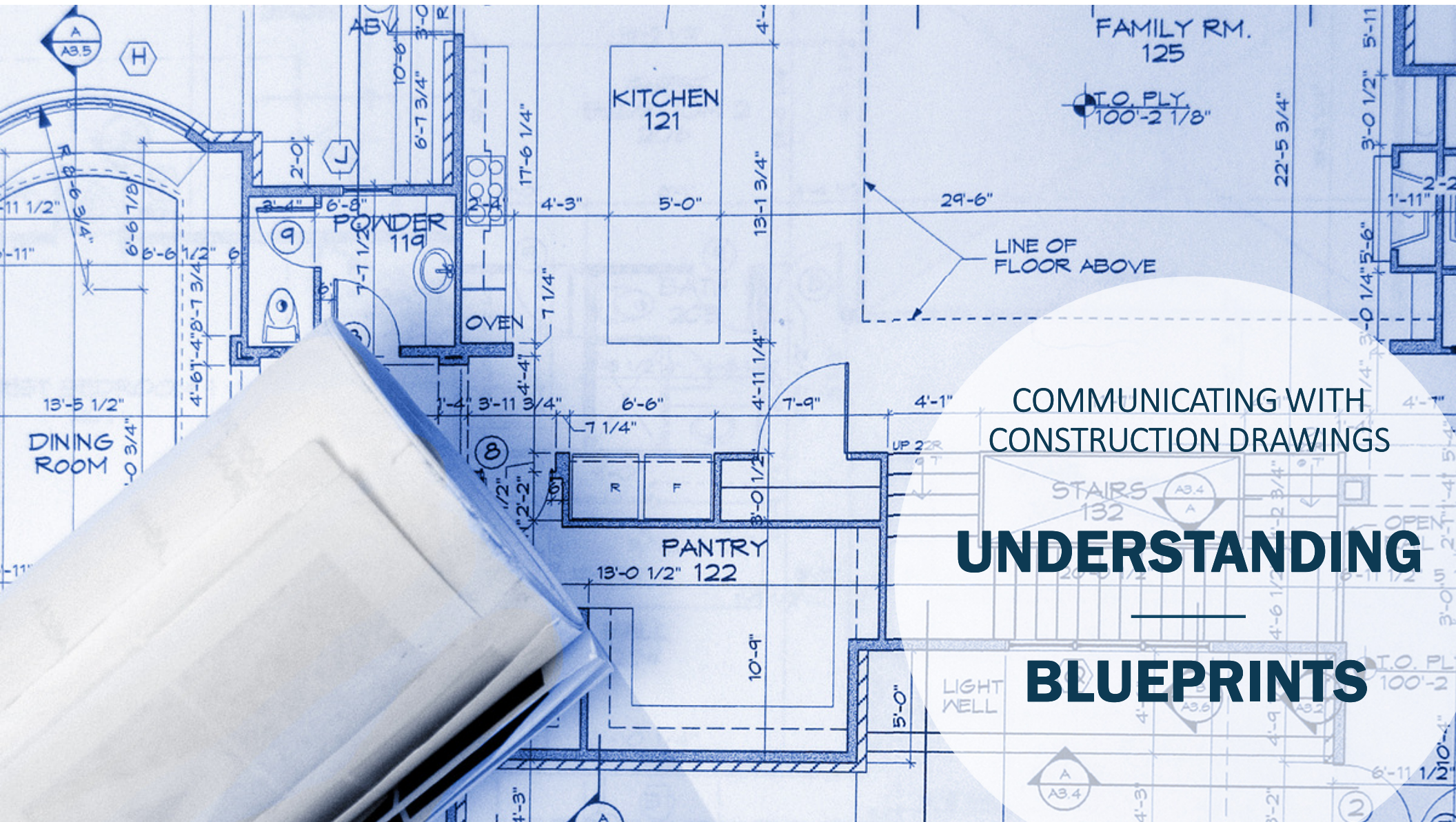

WEEK 4
Saturday
April 16, 2022
9:00AM–1:00 PM

**7TH CREATING
SUSTAINABLE
NEIGHBORHOOD
DEVELOPERS'
PROGRAM: *Virtual***

- 9:00 am **Welcome**
Dr. Donald Andrews
Dean, College of Business
Southern University and A&M College
- 9:05 am **Course Objectives**
Eric L. Porter
President, *ComNet LLC*,
Co-Creator of CSND program
- 9:15 am **“Understanding Construction Drawings, Design & the Fundamentals of Project Development”**
Roland Arriaga
A&D Architects, LLC, New Orleans & Houston.
- 10:20 am **“Overcoming – Fears – Obstacles & Self Sabotaging”**
Michael Roberts
BA/MS, The Roberts Group
- 10:50 am: **Break**
- 10:55 am: **“Where are they now: A Program Certified CSND”**
Kenya Jarmon,
Destin For Success Worldwide Development
- 11:30 am: **“Where are they now: A Program Certified CSND”**
Charles Theus
Program Certified Sustainable Neighborhood
Developer, Southside Economic Development Group
- 12:05 pm: **“The Fundamental of Project Development”**
Clem Lafleur, Clem Jr. Development LLC
- 12:55 pm: Session Ends
Dean Andrews/ Dr. Sung No/ Eric Porter



COMMUNICATING WITH
CONSTRUCTION DRAWINGS

UNDERSTANDING BLUEPRINTS

Communicating with Construction Drawings

This class is administered by:

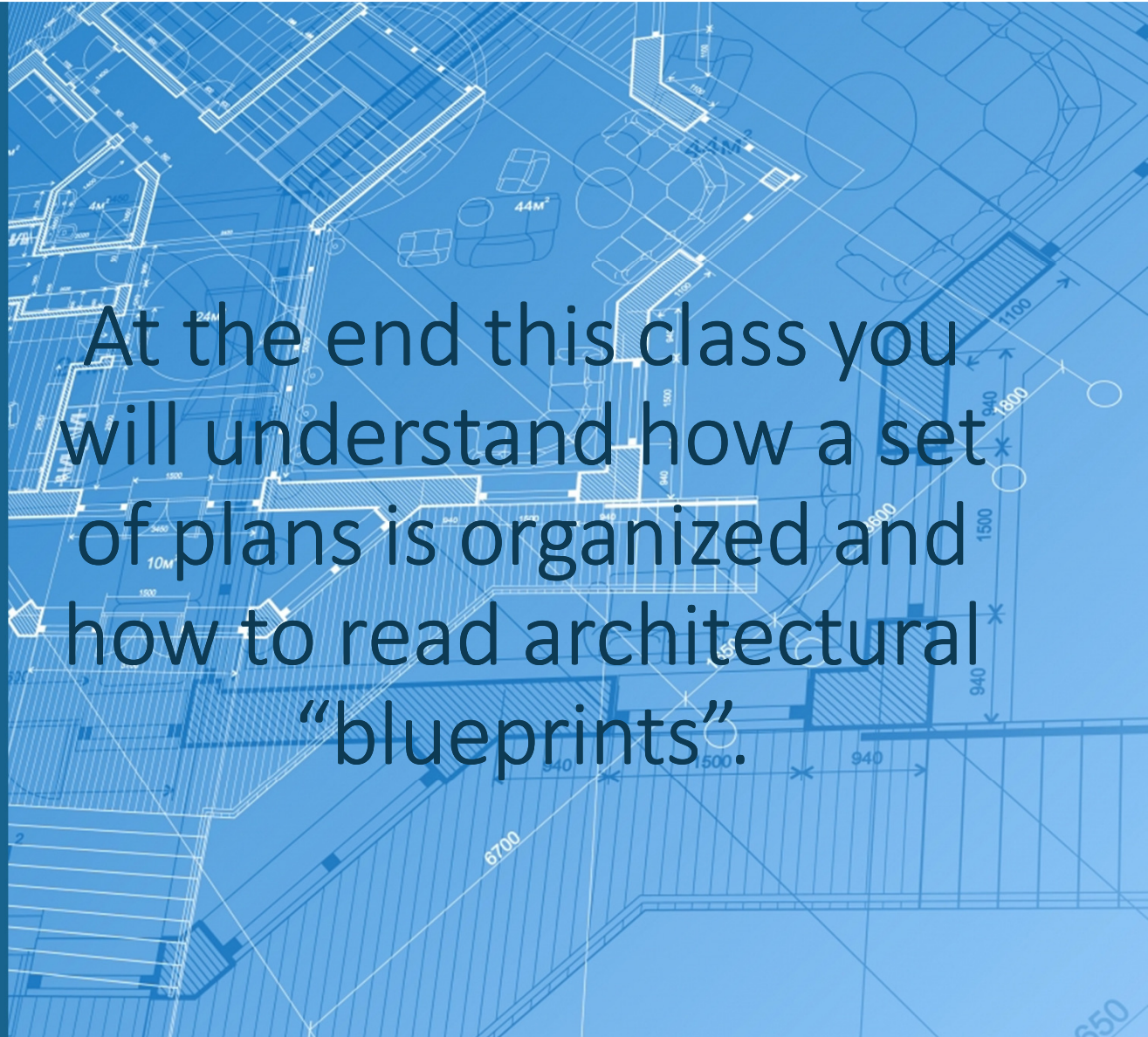
Roland A. Arriaga

Registered architect in FL, LA, MS, TX

37 + years experience in commercial,
institutional, and residential architecture.

Communicating with Construction Drawings

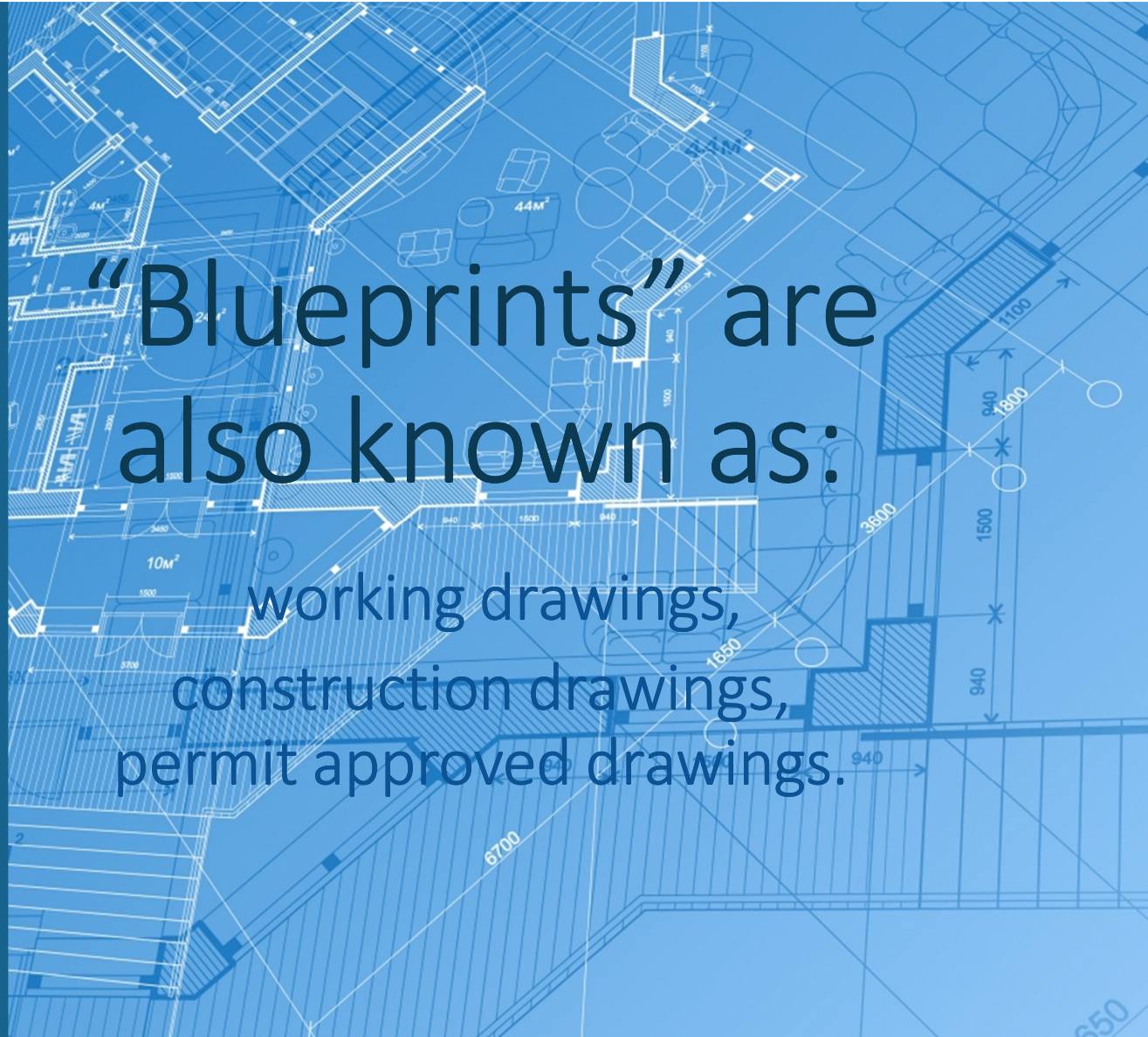
At the end this class you
will understand how a set
of plans is organized and
how to read architectural
“blueprints”.



Communicating
with
Construction
Drawings

“Blueprints” are
also known as:

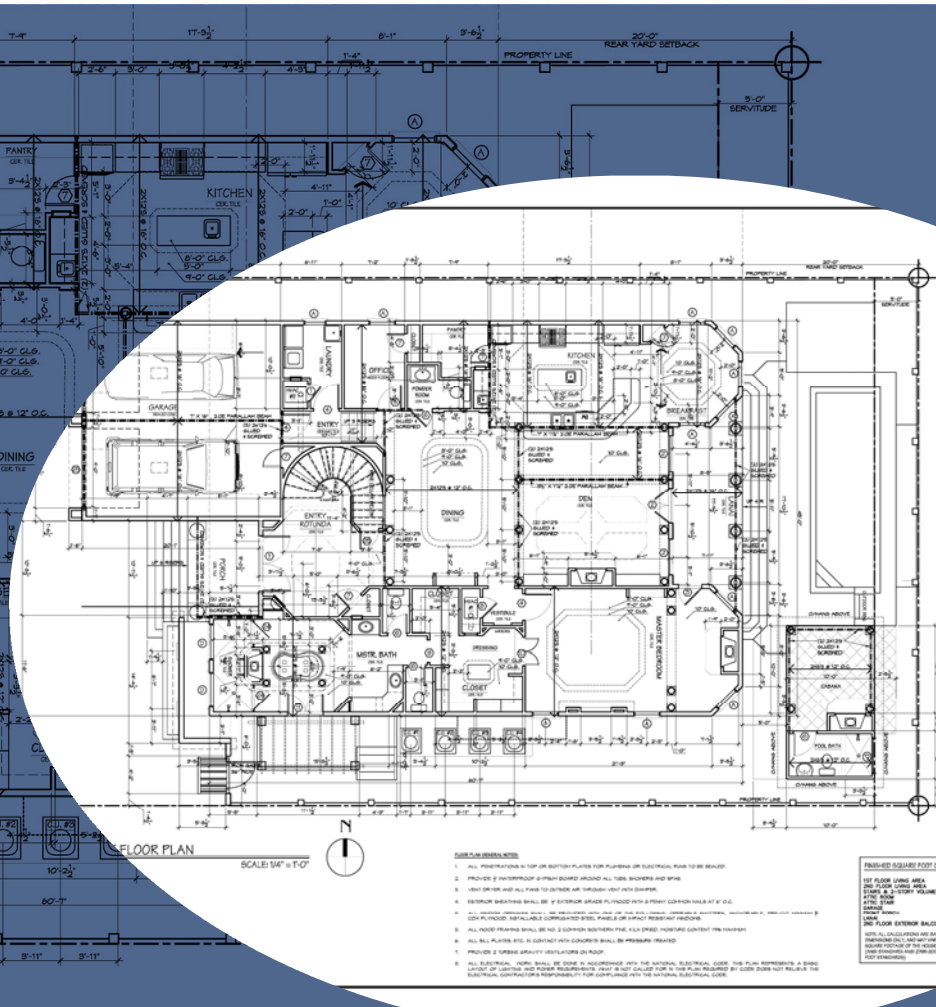
working drawings,
construction drawings,
permit approved drawings.



[illegible]

Introduction

- The complexity behind a single building can be translated into a set of construction drawings.
- Blueprints also known as construction drawings or working drawings are composites of several plans assembled into a set of drawings.
- Construction drawings are the main vehicle used in construction communication.
- Working Drawings are any drawings used as a basis for construction and includes all the necessary information for the construction of any building.



FLOOR PLAN GENERAL NOTES:

1. ALL PENETRATIONS IN TOP OR BOTTOM PLATES FOR PLUMBING OR ELECTRICAL RAYS TO BE SEALED.
2. PROVIDE 2" WATERPROOF GYP/PLUM BOARD AROUND ALL TUBS, SHOWERS AND SPAS.
3. VENT DRYER AND ALL FANS TO OUTSIDE AIR THROUGH VENT WITH DAMPER.
4. EXTERIOR SHEATHING SHALL BE 1/2" EXTERIOR GRADE PLYWOOD WITH 1 PERRY COMMON NAILS AT 6" O.C.
5. ALL WINDOW OPENINGS SHALL BE PROVIDED WITH ONE OF THE FOLLOWING: OPERABLE SHUTTERS, ANCHORABLE, PRE-CUT HINGED & CDX PLYWOOD, INSTALLABLE CORRUGATED STEEL PANELS OR IMPACT RESISTANT WINDOWS.
6. ALL WOOD FRAMING SHALL BE NO. 2 COMMON SOUTHERN PINE, KILN DRIED, MOISTURE CONTENT 19% MAXIMUM.
7. ALL SILL PLATES, ETC. IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED.

FINISHED SQUARE FOOT CALCULATIONS:

1ST FLOOR LIVING AREA	2,313 S.F.
2ND FLOOR LIVING AREA	2,181 S.F.
STAIRS & 2-STORY VOLUMES	302 S.F.
ATTIC ROOM	362 S.F.
ATTIC STAIR	32 S.F.
GARAGE	913 S.F.
FRONT PORCH	89 S.F.
LANAI	154 S.F.
2ND FLOOR EXTERIOR BALCONY	135 S.F.

NOTE: ALL CALCULATIONS ARE BASED ON PLAN DIMENSIONS ONLY, AND MAY VARY FROM FINISHED SQUARE FOOTAGE OF THE HOUSE AS BUILT. (FAM: 10/20/2004, 10/20/2004, 10/20/2004)

Archi-Dinamica Architects
a limited liability company

217 SOUTH JEFF DAVIS DRIVE
NEW ORLEANS, LA 70119
504.456.9515 (M), 504.456.9517 (F)
www.archistudio.net

PROFESSIONAL SEAL & SIGNATURE:

ARCHITECT:
The design described in these drawings is the property of Archi-Dinamica Architects. It is to be used only for the project and site described in these drawings. It is not to be reproduced, copied, or used in any other project without the written consent of Archi-Dinamica Architects.

PROJECT NAME:
NEW ORLEANS
5603 BELLE MEAD
LOT 25, FAMILY HOME
7th DISTRICT DRIVE
10-008, L.A.
ARE 7
LAKEWOOD 5.

DATE:
SEPT 15, 2004

REVISIONS:

DRAWN BY:
JSA/RAL

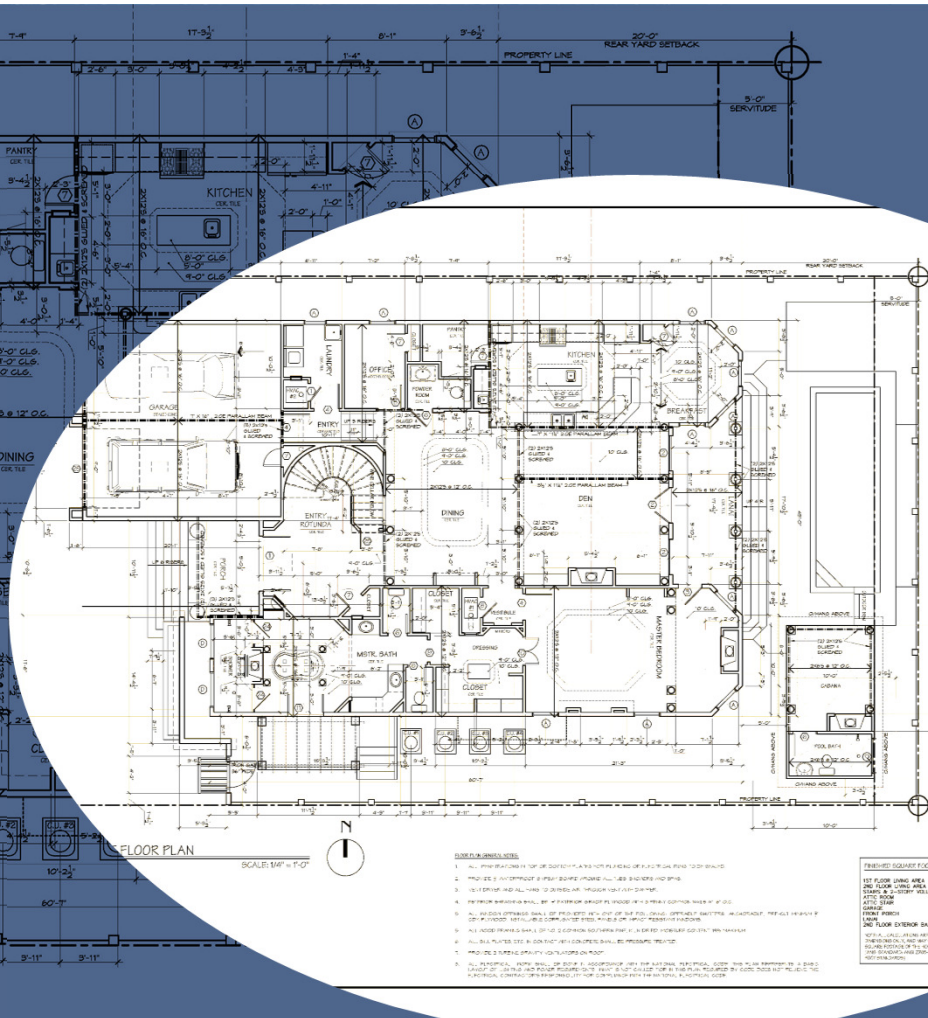
CHECKED BY:
RAL

SHEET TITLE:
FLOOR PLANS

SHEET NUMBER:
A-3

Why Construction Drawings?

- As buildings and the systems within them have become increasingly complex, so have the two-dimensional drawings that describe all the details of the project. From a simple residence to a large commercial building project, the same basic drawings and related information are required in order to obtain permits, estimate costs, establish a construction schedule, and ultimately construct the project.



FLOOR PLAN GENERAL NOTES

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www.archidstudio.net

PROFESSIONAL SEAL & SIGNATURE



Archi-Dinamica Architects
I, the undersigned, being a duly licensed professional architect under the laws of the State of Louisiana, do hereby certify that I am the author of the design and drawings hereon submitted, and that I am a duly licensed professional architect under the laws of the State of Louisiana.

EDUCATION:
The design described in these drawings was prepared in accordance with the requirements of the National Code, 2009 Edition.

CONTRACT NUMBER: 10-008-1, L.A.

DATE: SEPT 15, 2011

PROJECT NAME: 781 DISTRICT DRIVE, LAKEWOOD 5.

PROJECT NUMBER: 10-008-1, L.A.

DATE: SEPT 15, 2011

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DATE: SEPT 15, 2011

PROJECT NAME: 781 DISTRICT DRIVE, LAKEWOOD 5.



COMMUNICATING WITH
CONSTRUCTION DRAWINGS

PART ONE

THE BASICS

SCALES

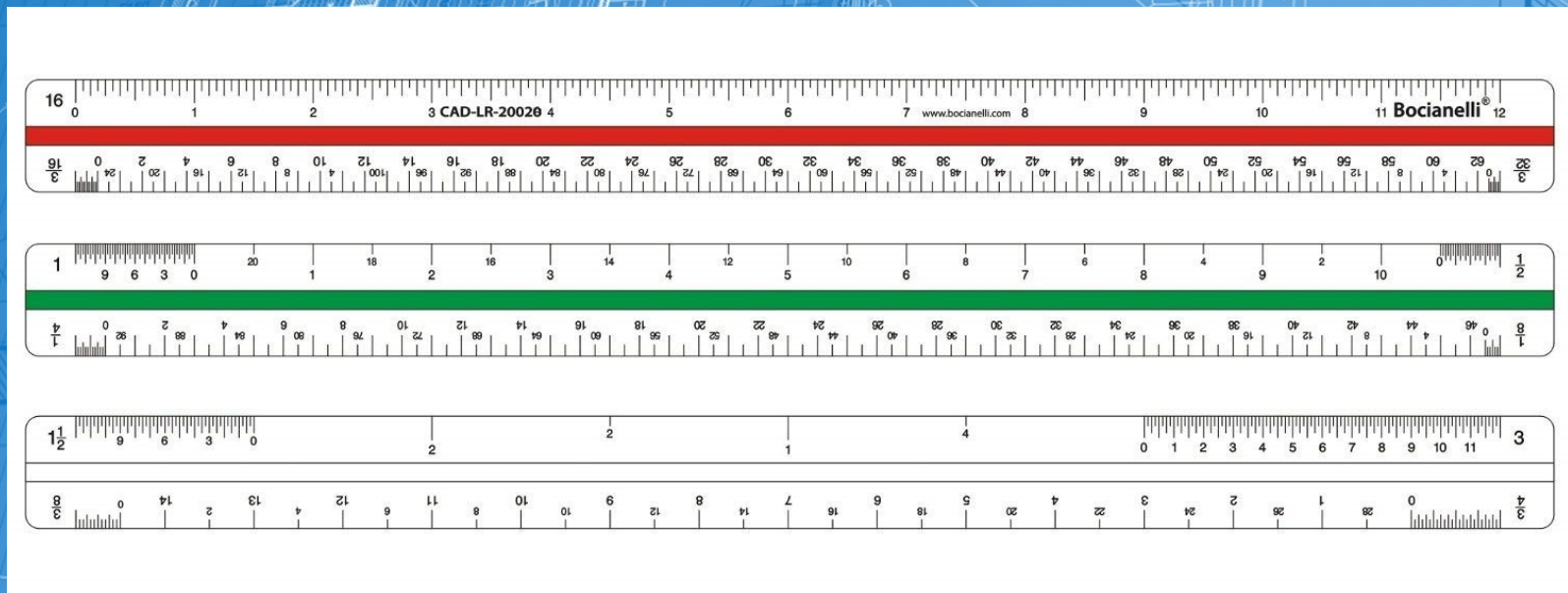
A knowledge of the scales on construction drawings is essential for the accurate interpretation of drawings. Three types of measuring scales are used in determining measurements in construction drawings:

- Architect's SCALE
- Engineer's SCALE
- Metric SCALE



The Architect's Scale

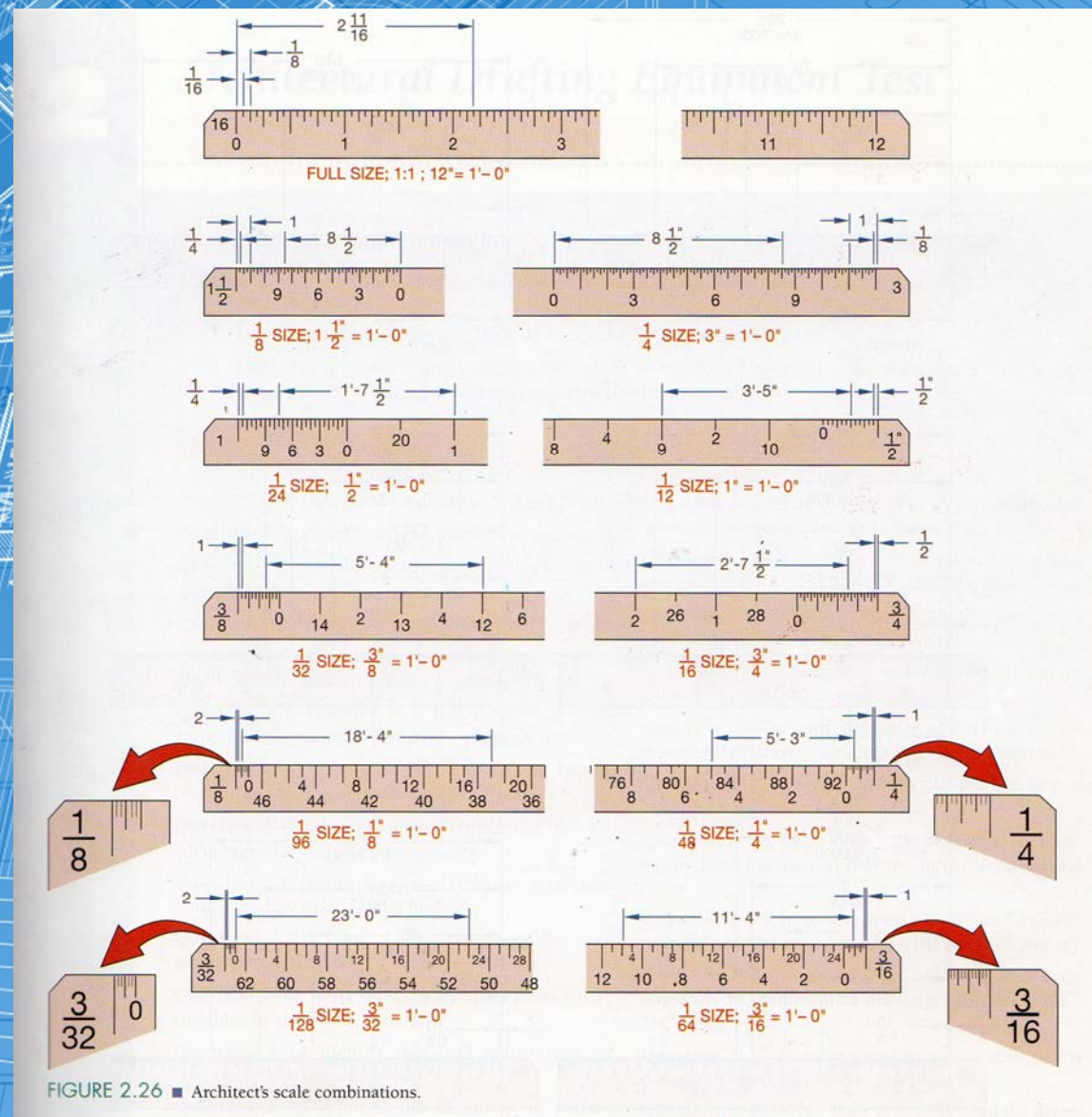
- Architect's scale is either triangular type or bevel type:



Using the Architect's scale

Architect's scale combinations and sample measurements at different scales.

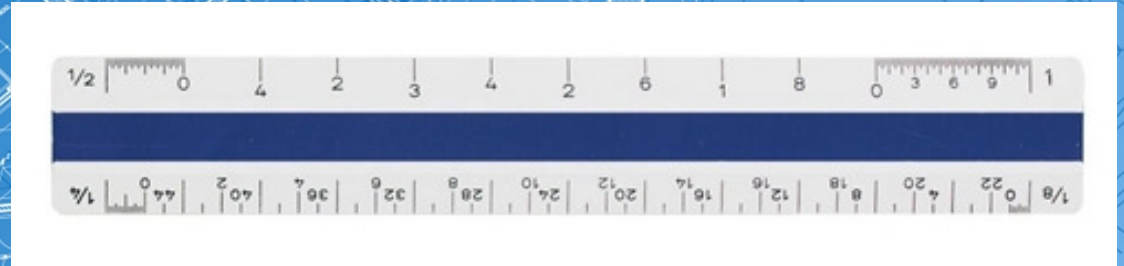
The triangular architect's scale contains 11 different scales. Architect scales have numbers that run incrementally both from left to right and from right to left. A whole number or fraction to the left or right of the number line indicates the scale those numbers represent. Each increment represents a foot and is further divided into smaller increments representing inches.



Using the Architect's scale

Architect scales, such as $1/4'' = 1'-0''$ (1/48 size) or $1/8'' = 1'-0''$ (1/96 size), are used for structures and buildings. They are used to measure interior and exterior dimensions such as rooms, walls, doors, windows, and other details.

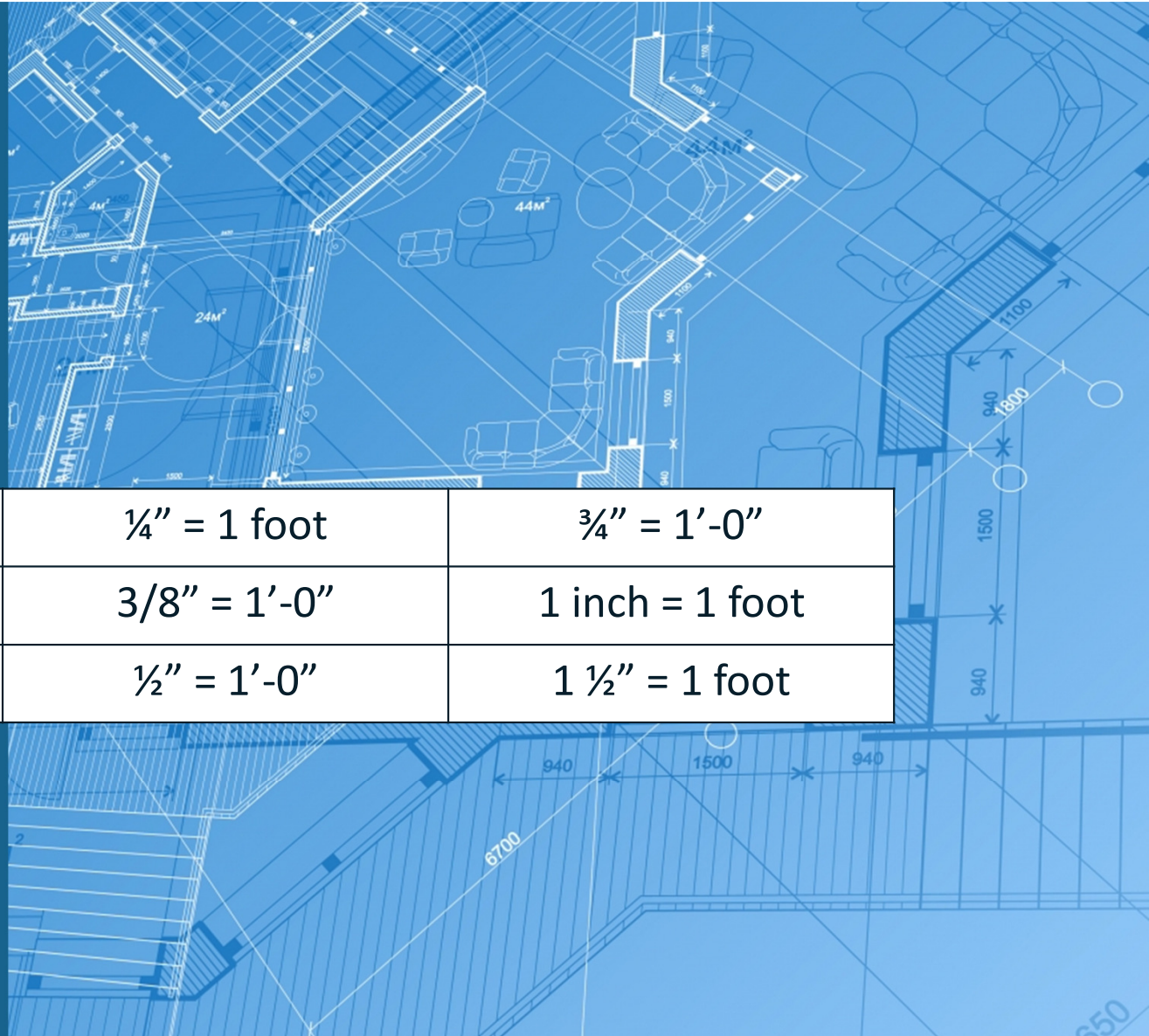
Other scale tools include flat scales and rolling scales. Rolling scales have the advantage of being able to measure travel distances easily, an important feature when evaluating travel distances to exterior doors.



Using the Architect's scale

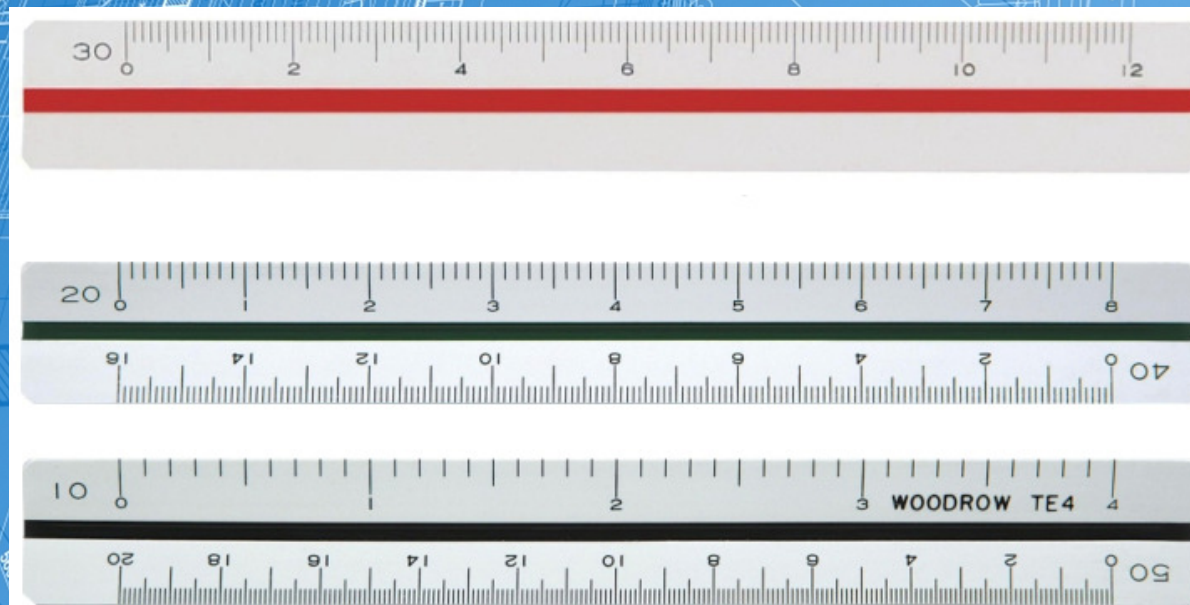
Architect scales use fractions and have the following dimensional relationships:

$3/32'' = 1'-0''$	$1/4'' = 1 \text{ foot}$	$3/4'' = 1'-0''$
$3/16'' = 1'-0''$	$3/8'' = 1'-0''$	1 inch = 1 foot
$1/8'' = 1'-0''$	$1/2'' = 1'-0''$	$1 \frac{1}{2}'' = 1 \text{ foot}$



The Engineer's Scale

- The Engineer's scale is either triangular type or bevel type:



Using the Engineer's scale

Engineer's scale combinations and sample measurements at different scales.

Engineer scales have numbers that run incrementally from left to right. The whole number to the left of the number line indicates the scale those numbers represent.

The Engineer's Scale is often used for measuring topographical features on plot plans, surveys, and other large land tract plans showing roads, water mains, and other utilities.

The Engineer's Scale is calibrated in multiples of 10 with each space representing a foot.

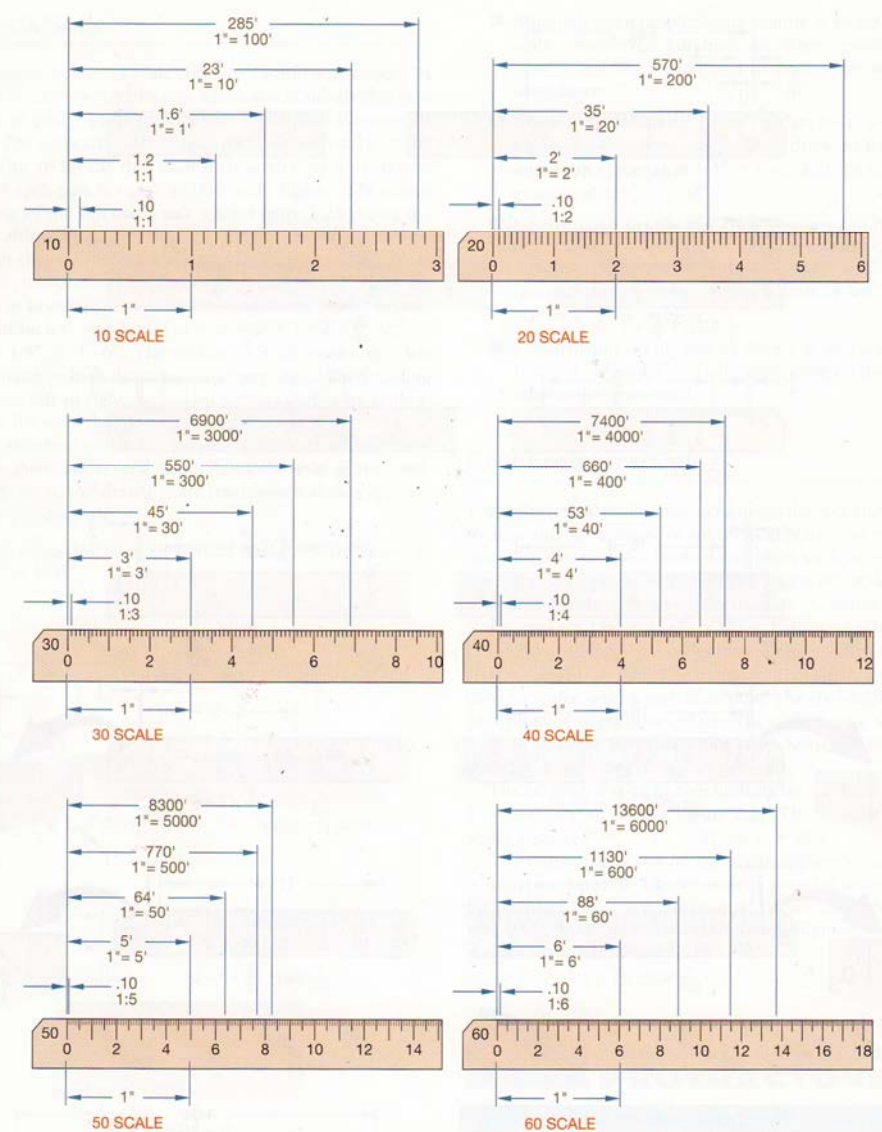


FIGURE 2.28 ■ Civil engineer's scales and sample measurements at different scales.

Using the Engineer's scale

Engineer's scales have the following relationships:

1 inch = 10 feet

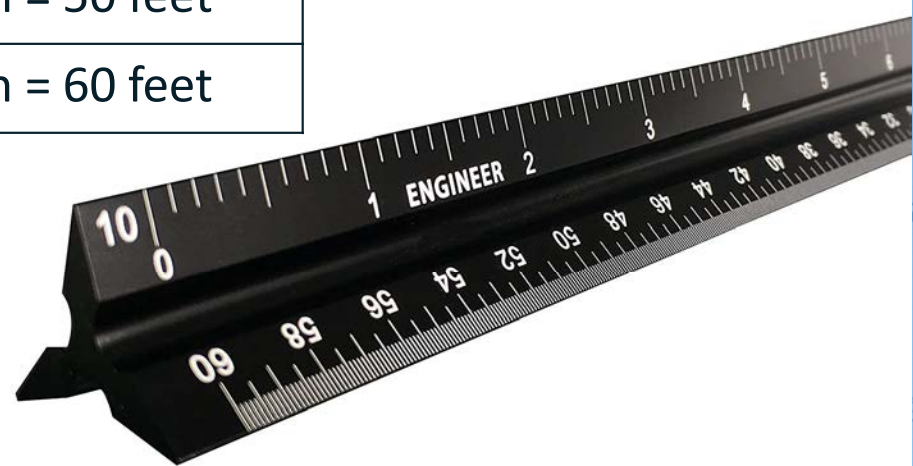
1 inch = 20 feet

1 inch = 30 feet

1 inch = 40 feet

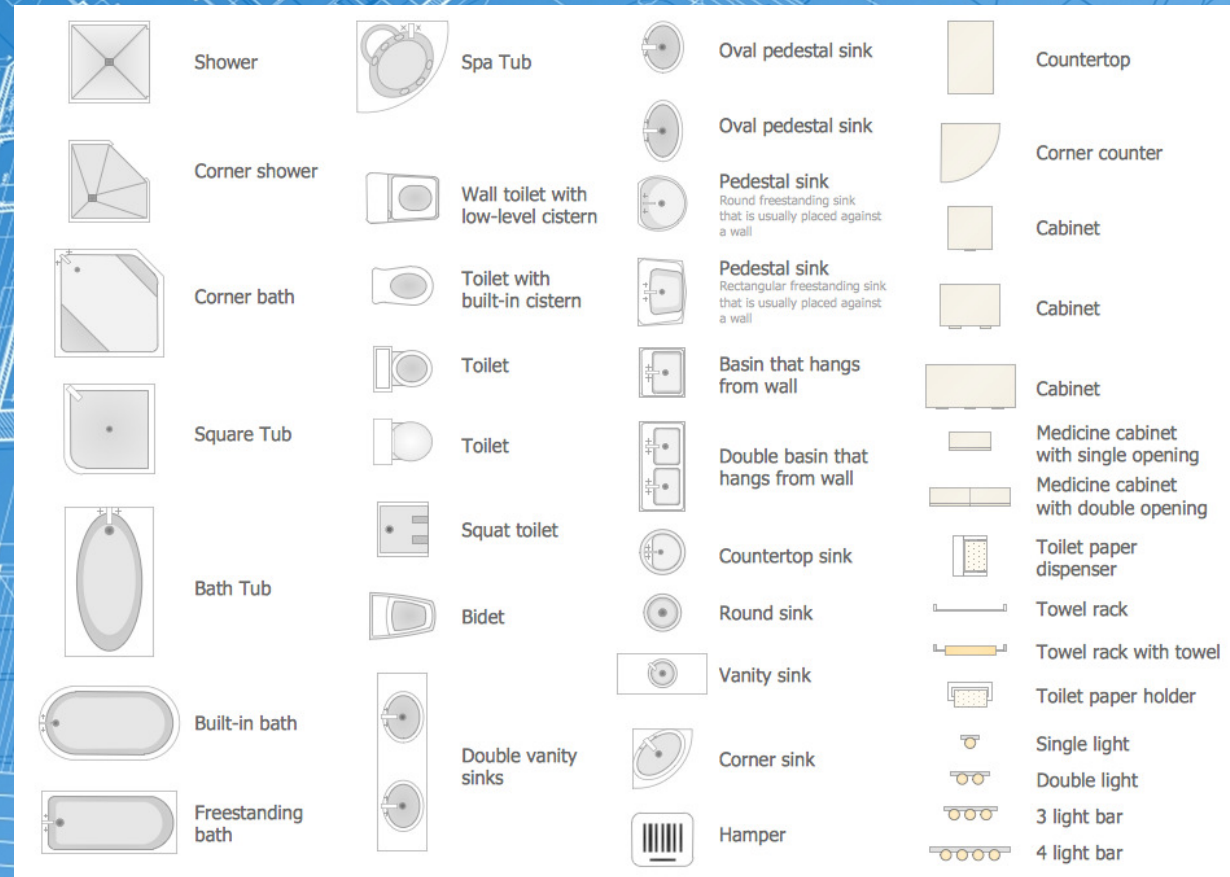
1 inch = 50 feet

1 inch = 60 feet



Architectural Blueprint Symbols & Lines

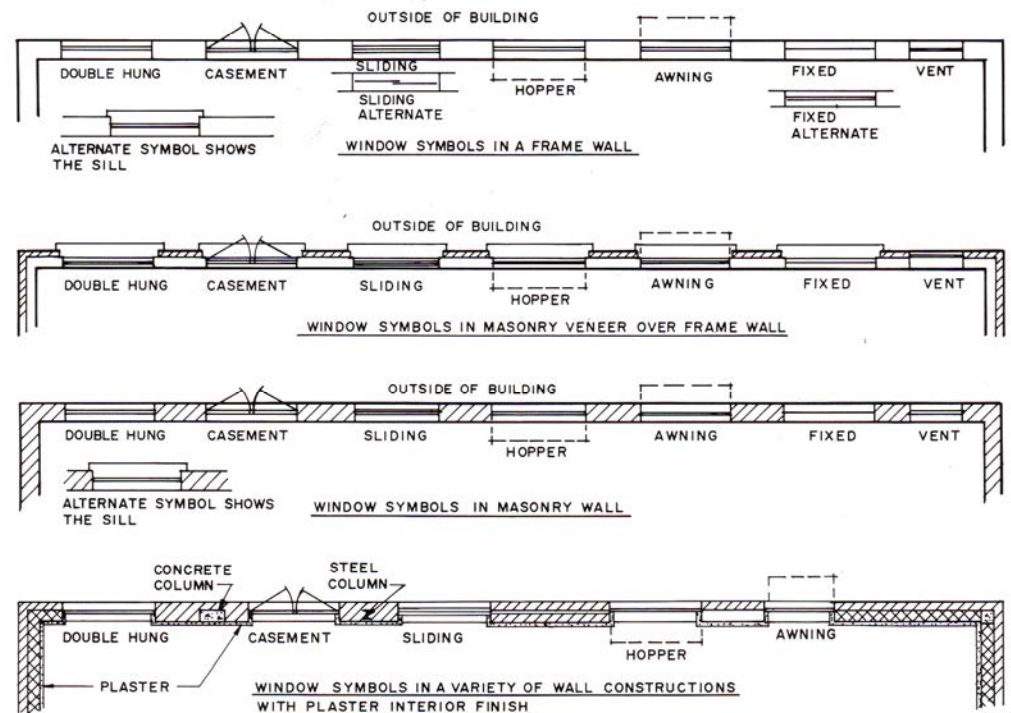
- Architects use standardized symbols so that anyone who looks at the drawing can understand that they are looking at a fireplace, window, kitchen table, or bathtub. For reference, every set of architectural drawings includes a symbol legend. If you aren't familiar with a symbol, you will be able to find it in the legend.



Architectural Blueprint Symbols & Lines

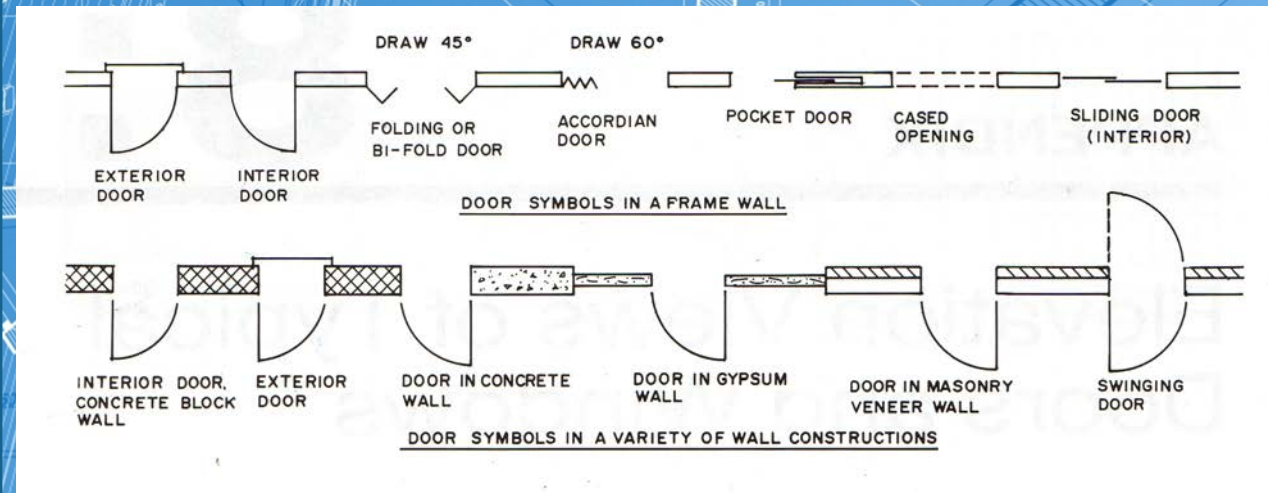
- Hundreds of abbreviations and symbols are used to convey building components such as doors, windows, and related information.

Door and Window Symbols in Plan View



Architectural Blueprint Symbols & Lines

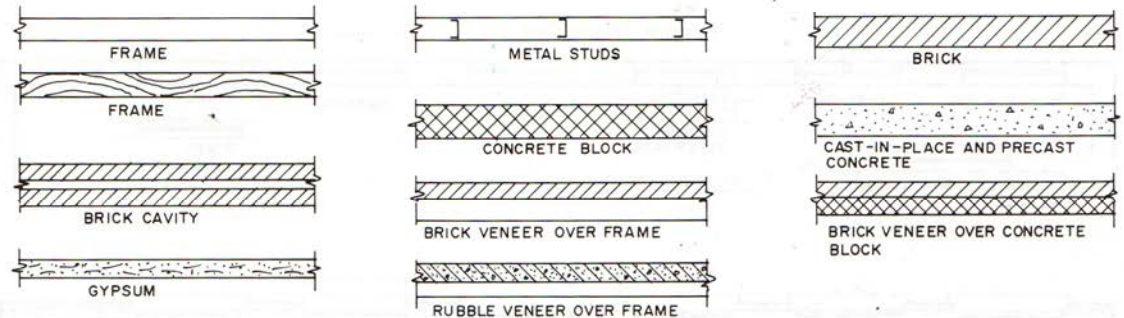
- Symbols provide a “common language” for plan reading throughout the US and abroad and they are created according to relevant standards and conventions.



Architectural Blueprint Symbols & Lines

- Different types of lines are used on floor plans to show wall thicknesses. Walls are shown as two parallel lines.
- Each line type conveys a meaning in the way it is represented and its placement on the drawing.
- The addition of veneers and exterior material is shown with additional lines containing the symbol for the material used.

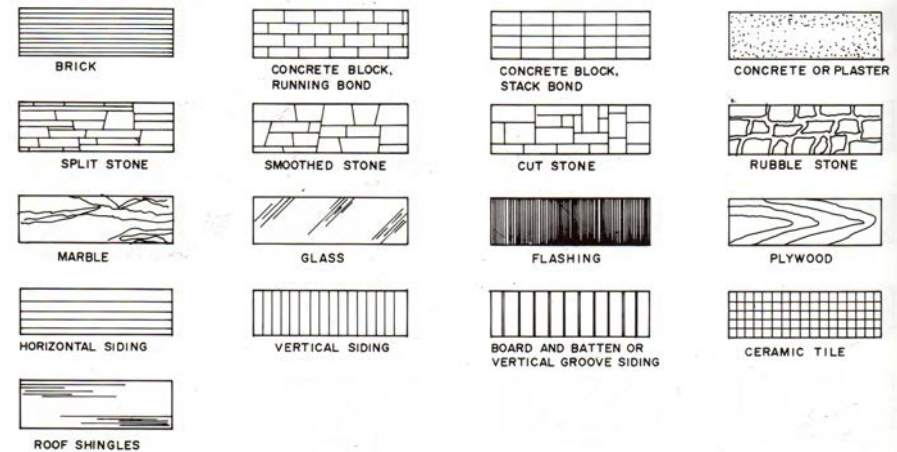
Symbols for Walls In Section



Architectural Blueprint Symbols & Lines

- Architects and engineers use basic graphics to describe specific building elements and materials. For example, a masonry wall when viewed in section will normally be shown with a 45-degree cross-hatching through the wall. These standardized graphics help the architect, engineer and builder communicate more clearly.

Symbols for Materials in Elevation



Architectural Blueprint Symbols & Lines

- Symbols are typically standardized; abbreviations and symbols can differ from one architect or engineer to another and from one discipline to another.

THIN LINE USED TO INDICATE CENTERS AS CENTER LINE OF A BEAM OR COLUMN.

THICK LINE USED TO INDICATE PROPERTY LINE ON A SITE PLAN.

THIN LINE USED TO INDICATE HIDDEN FEATURES.

THIN LINE INDICATING A BREAK.

35'-6"

A THIN LINE SERVING AS A DIMENSION LINE.

25'-9"

AN EXTENSION LINE (THIN)

NOTE
A FREEHAND LEADER

NOTE
AN INSTRUMENT DRAWN LEADER

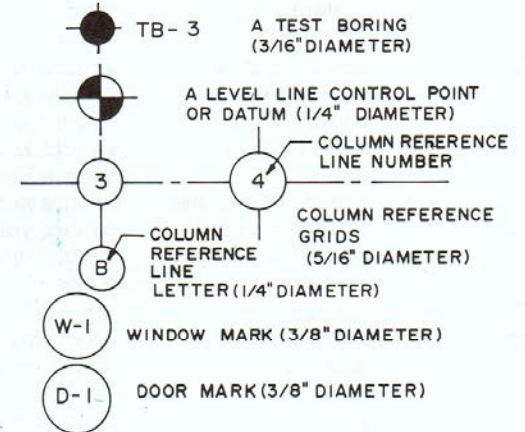
+ 35'-0" REQUIRED OR NEW ELEVATION POINT

+ 35'-0" EXISTING ELEVATION POINT ON SITE PLAN

1017.0 CONTOUR LINE ON PLOT PLAN

1017.0 ORIGINAL CONTOUR LINE ON SITE PLAN

1016.0 NEW CONTOUR ON SITE PLAN (SOME LETTER ELEVATION ABOVE CONTOUR LINE)



HALL ROOM NAME
104 ROOM OR SPACE NUMBER

1/2"
441 EQUIPMENT NUMBER

3 WINDOW DESIGNATION
3/8" WINDOW REFERENCE SYMBOL

4 REVISION NUMBER
3/8" REVISION SYMBOL



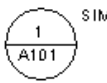
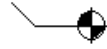

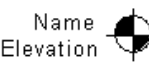
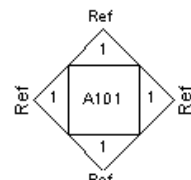

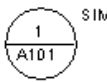

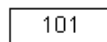
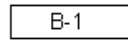
3 DRAWING IDENTIFICATION
A-2 SHEET NUMBER
DETAIL DRAWING REFERENCE

B SECTION IDENTIFICATION
A-3 SHEET NUMBER

Architectural Blueprint Symbols & Lines

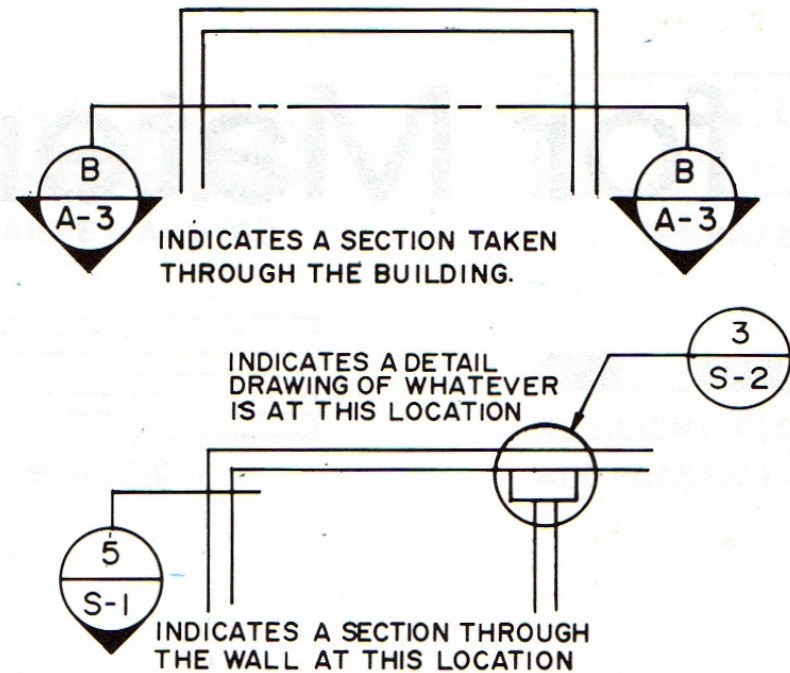
- To clarify their intent, the architect provides a legend, typically on the first sheet, that relates the symbols and their intended meaning.

SYMBOL LEGEND

	SECTION REFERENCE		DOOR NUMBER
	DETAIL REFERENCE		SPOT ELEVATION
	EXTERIOR ELEVATION		DATUM
	INTERIOR ELEVATION		NORTH ARROW
	CALLOUT REFERENCE		KEYNOTE
Room name 	ROOM NAME / NUMBER		MATERIAL KEYNOTE

Architectural Blueprint Symbols & Lines

- A Building Section reference describes a cut through the body of the building

























DRAWING REFERENCE NUMBER EXAMPLES

Architectural Blueprint Symbols & Lines

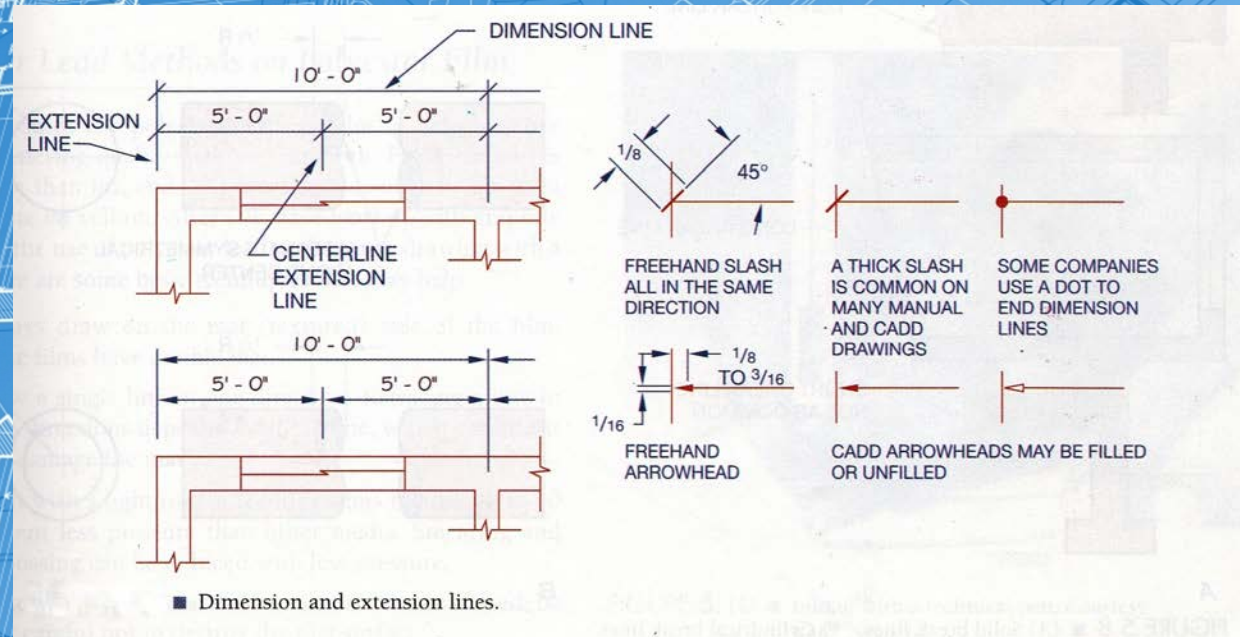
- Electrical symbols on power and lighting plans

ELECTRICAL SYMBOLS

	CEILING OUTLET FIXTURE		SINGLE RECEPTACLE OUTLET		SINGLE-POLE SWITCH
	RECESSED OUTLET FIXTURE		DUPLEX RECEPTACLE OUTLET		DOUBLE-POLE SWITCH
	DROP CORD FIXTURE		TRIPLEX RECEPTACLE OUTLET		THREE-WAY SWITCH
	FAN HANGER OUTLET		QUADRUPLUX RECEPTACLE OUTLET		FOUR-WAY SWITCH
	JUNCTION BOX		SPLIT-WIRED DUPLEX RECEPTACLE OUTLET		WEATHERPROOF SWITCH
	FLUORESCENT FIXTURE		SPECIAL PURPOSE SINGLE RECEPTACLE OUTLET		LOW VOLTAGE SWITCH
	TELEPHONE		230 VOLT OUTLET		PUSH BUTTON
	INTERCOM		WEATHERPROOF DUPLEX OUTLET		CHIMES
	CEILING FIXTURE WITH PULL SWITCH		DUPLEX RECEPTACLE WITH SWITCH		TELEVISION ANTENNA OUTLET
	THERMOSTAT		FLUSH MOUNTED PANEL BOX		DIMMER SWITCH
	SPECIAL FIXTURE OUTLET A, B, C Etc.		SPECIAL DUPLEX OUTLET A, B, C Etc.		SPECIAL SWITCH A, B, C Etc.

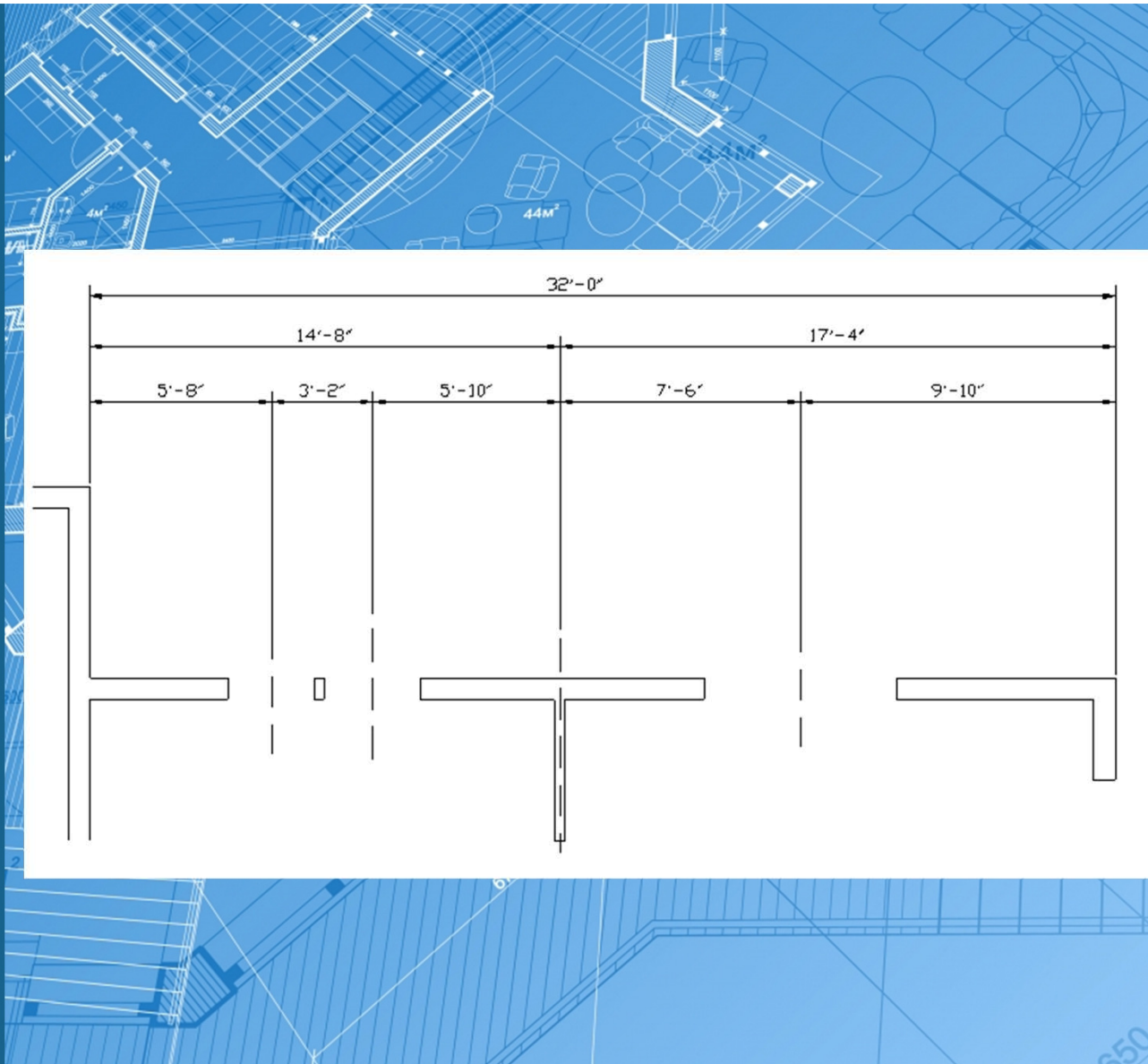
Reading architectural dimensions

- The purpose of dimensioning is to define size and location of the various materials and components
- Extension lines show the extent of a dimension.
- Dimension lines show the length of the dimension and terminate at the related lines with slashes, arrowheads, or dots.



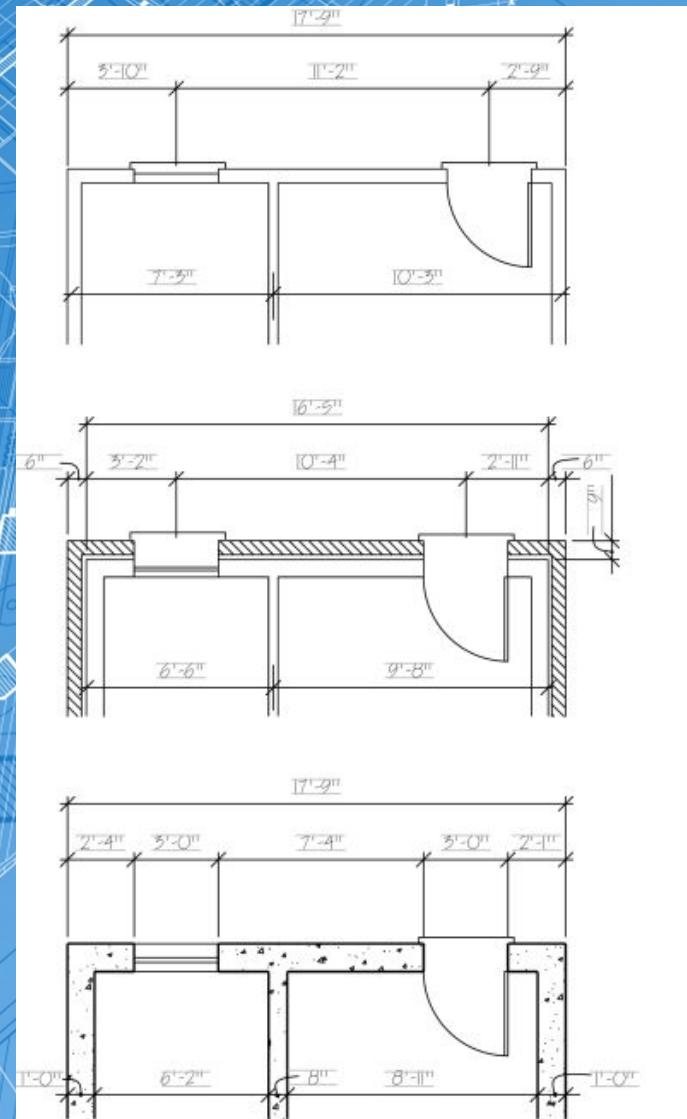
Reading architectural dimensions

There are usually three dimension lines: the line closest to the building describes small elements - for example, piers, door widths, and window openings; the second line carry some of the small dimensions and reflect major features such as a wing, section or offset; the third line (farthest from the building line) is an overall dimension that will show the total distance from outside face to outside face of the building. Various types of construction will demand slight changes in dimensioning; for instance, wood frame dimensioned from face of stud to face of stud.



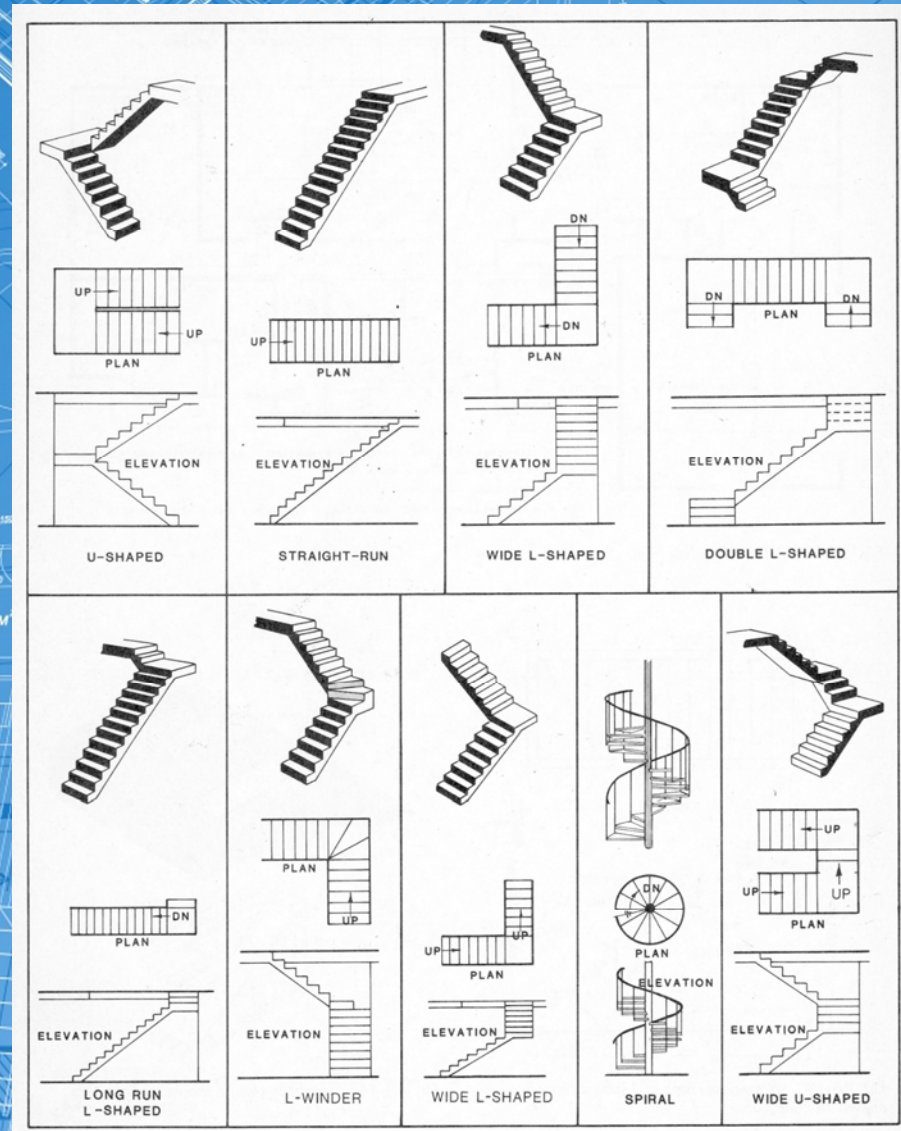
Reading architectural dimensions

- Wood frame buildings are dimensioned from the face of exterior stud to the center of openings to the center of the interior stud.
- Masonry (units of brick, block or stone) are dimensioned to their edges.



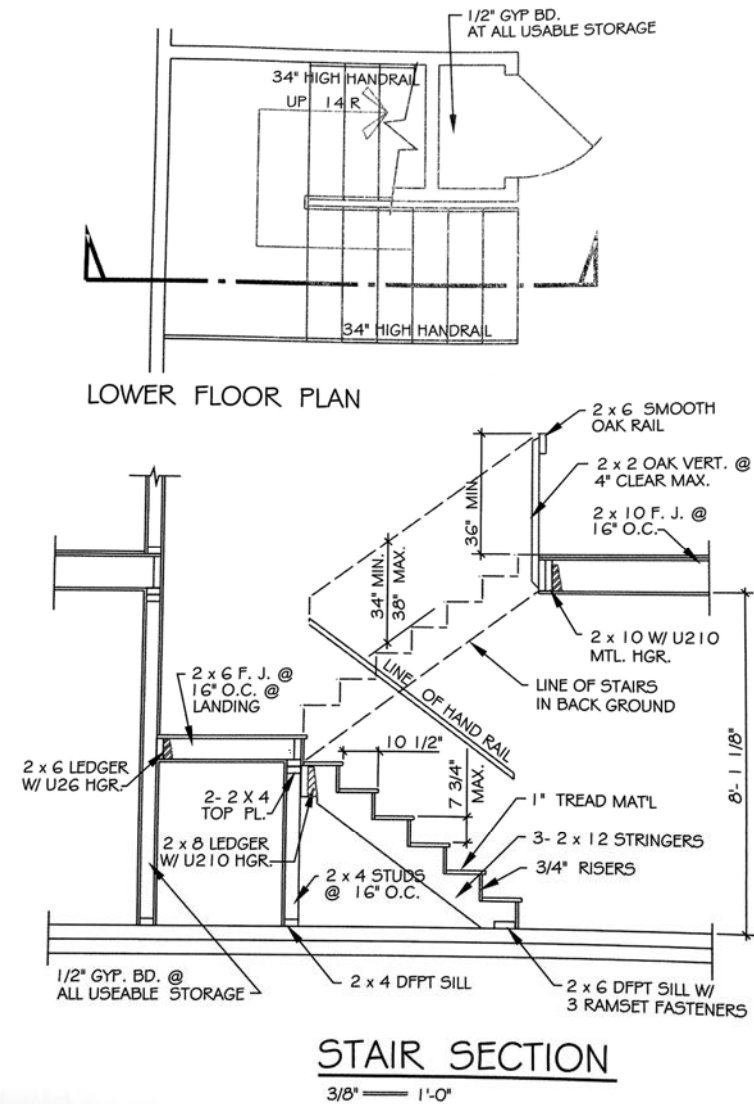
Stairs

- Stairs on plan will be drawn as a straight run, open, and U-shaped stair layouts.
- Masonry (units of brick, block or stone) are dimensioned to their edges.



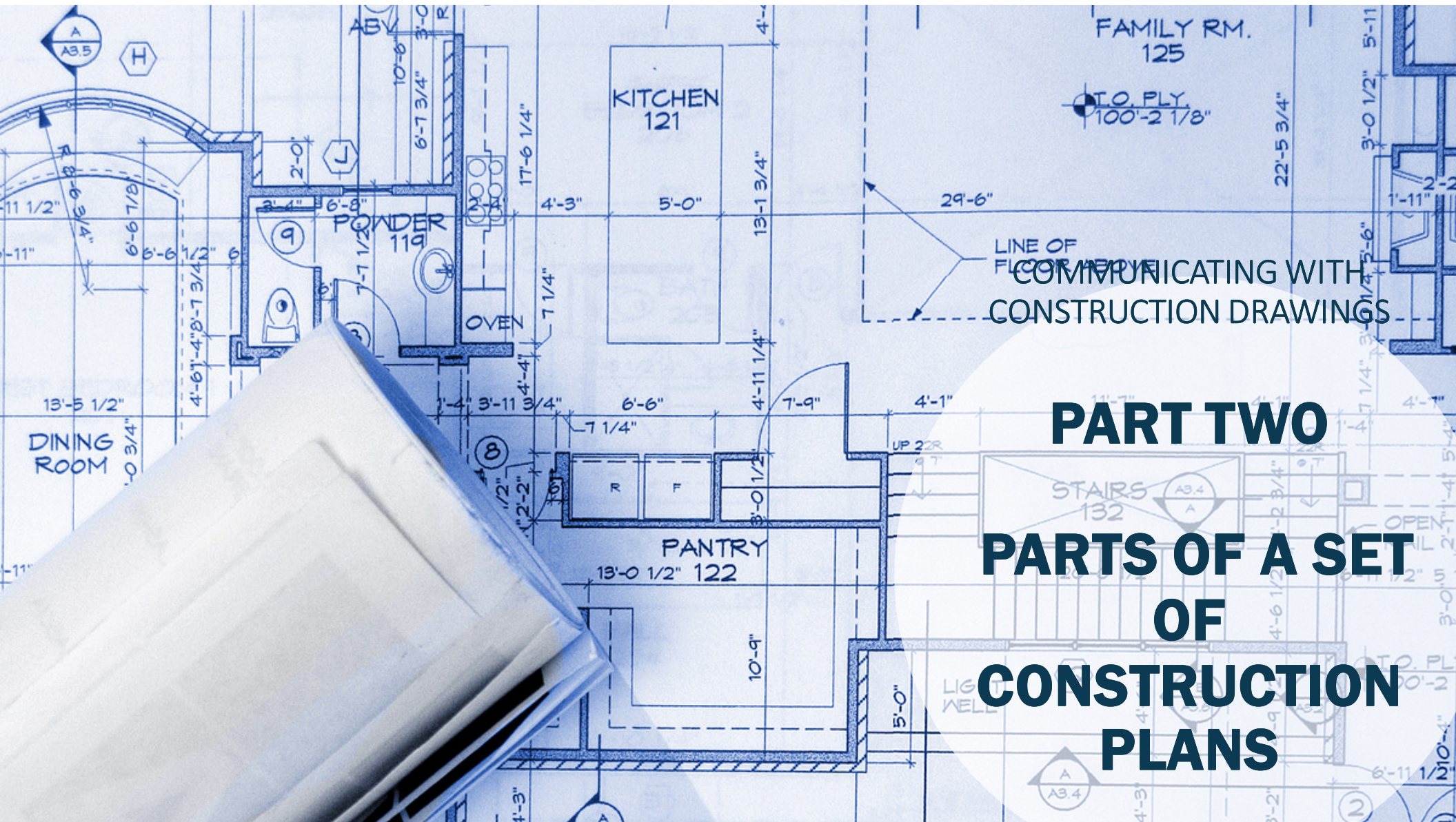
Stairs

- Plan of a U-Shaped stair in a construction set.





Stairs

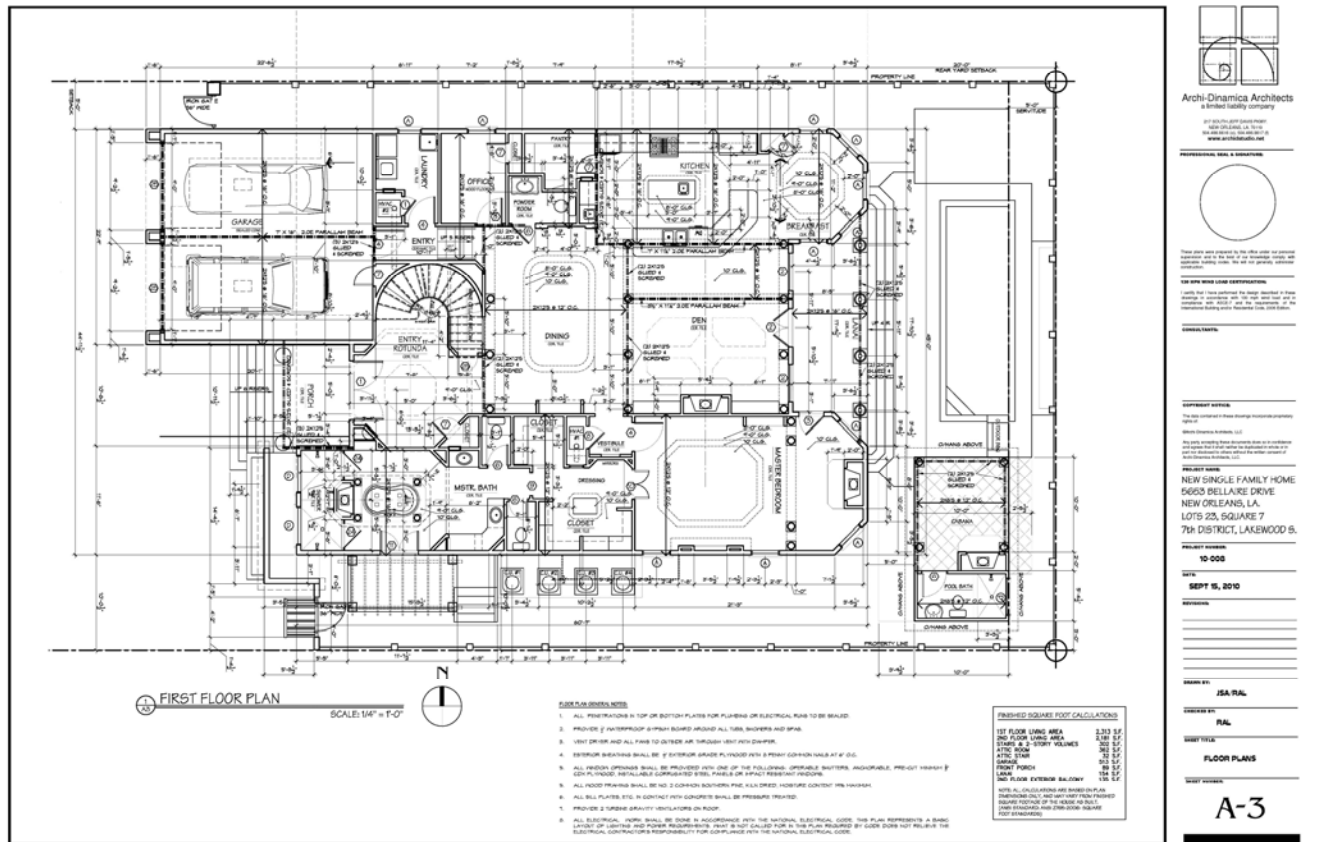


COMMUNICATING WITH
CONSTRUCTION DRAWINGS

PART TWO

PARTS OF A SET OF CONSTRUCTION PLANS

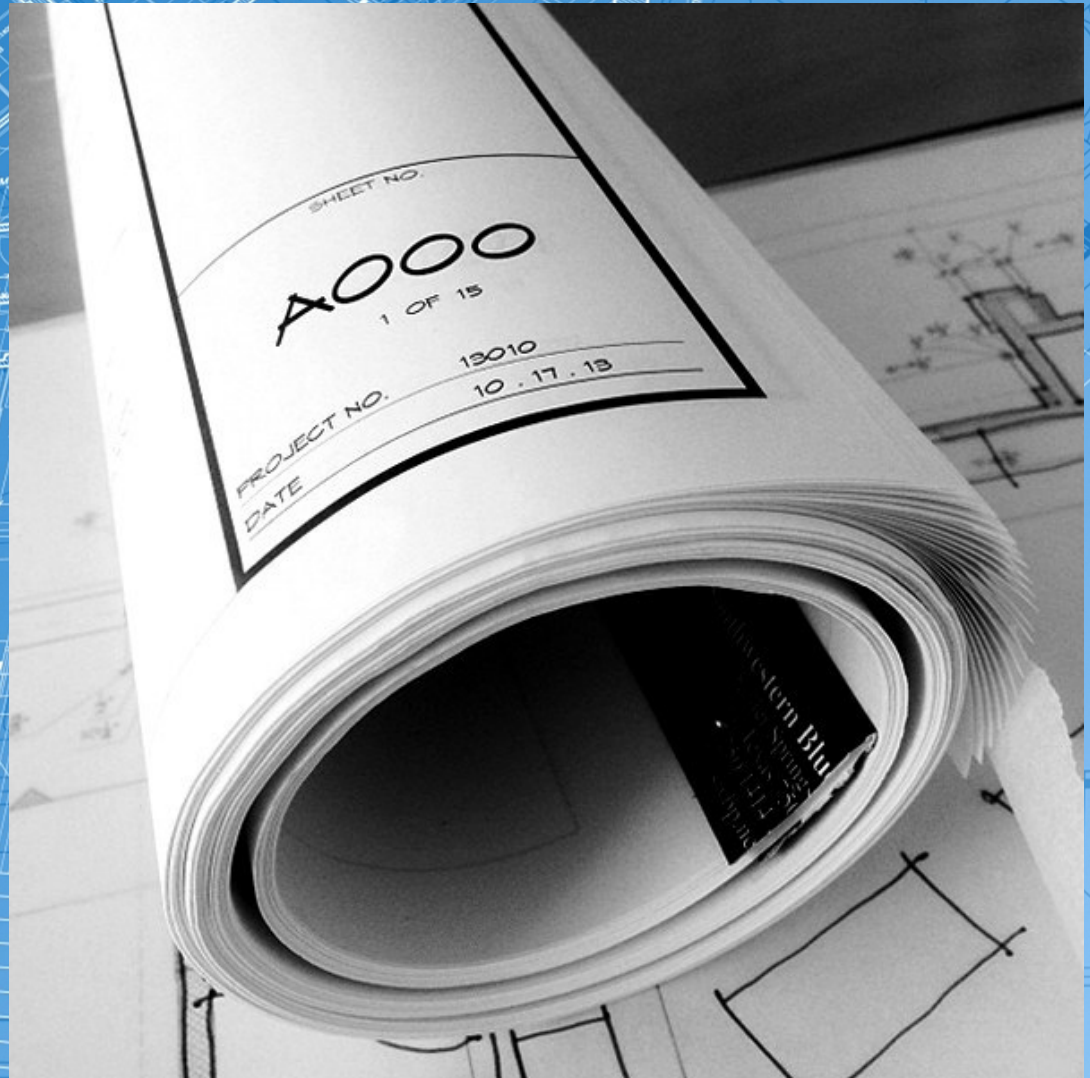
- Title Block
- Border
- Drawing area
- Revision block
- Legend



A residential drawing set is composed of 8 major types of drawings.

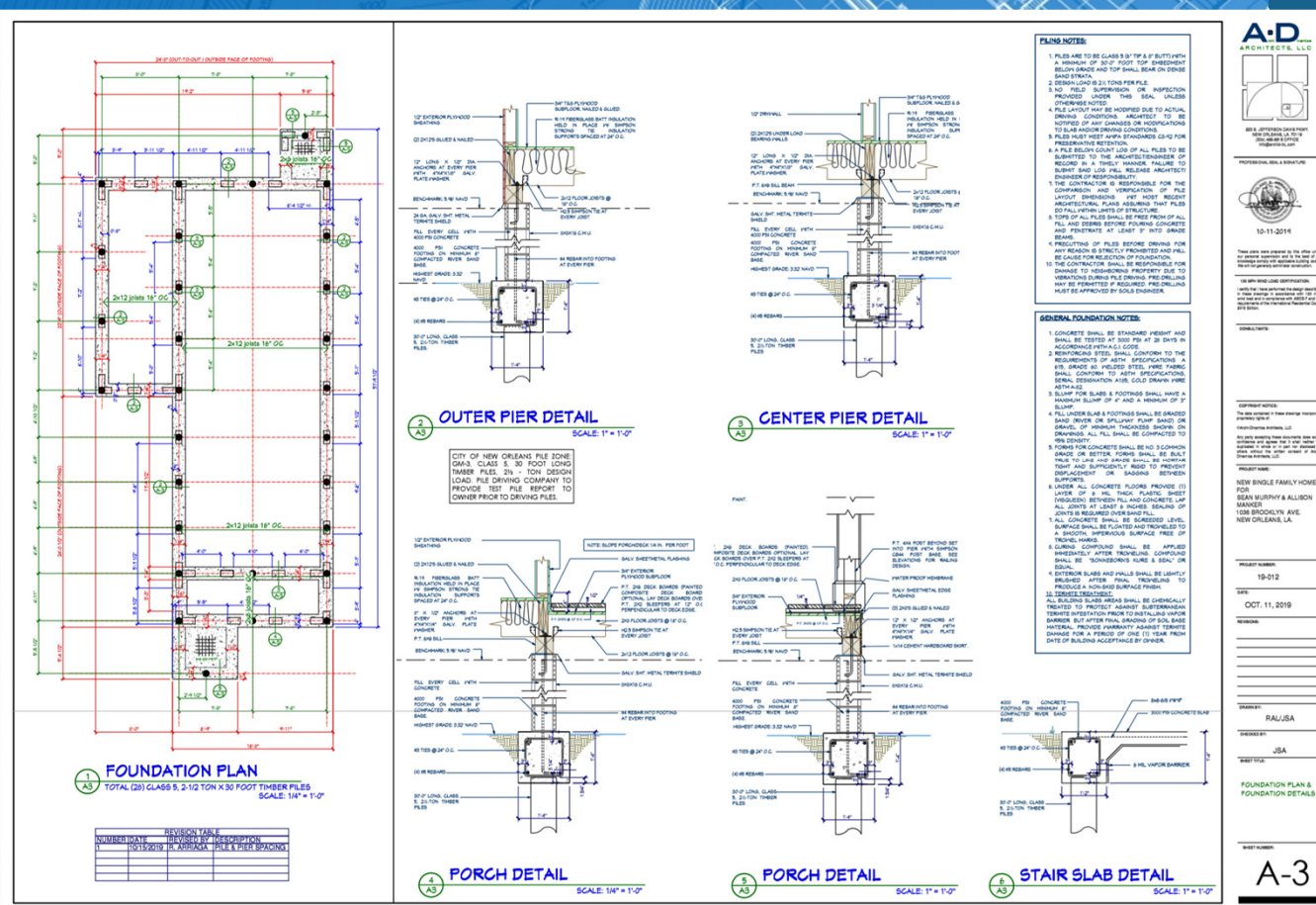
- Title Sheet
- Project Information Sheet
- Site Plan
- Foundation Plan
- Floor Plans
- Exterior Elevations
- Electrical & Lighting Plan
- Building Sections & Construction Details.

Sometimes Landscape, HVAC, and Plumbing Plans are included in the drawing set for public bid projects.





- Sheet index
- Rendering of project
- Title of project
- Responsibility Statements



Raised Foundation

The Raised Foundation Plan shows an elevation structure above the Base Floor Elevation. Typically a raised foundation is called a pier are constructed with concrete cinder blocks.

A.D. ARCHITECTS, LLC

10-11-2019

NEW SINGLE FAMILY HOME FOR SEAN MURPHY & ALLISON MANKER 1008 BROOKLYN AVE. NEW ORLEANS, LA

19-012

OCT. 11, 2019

RALUSA

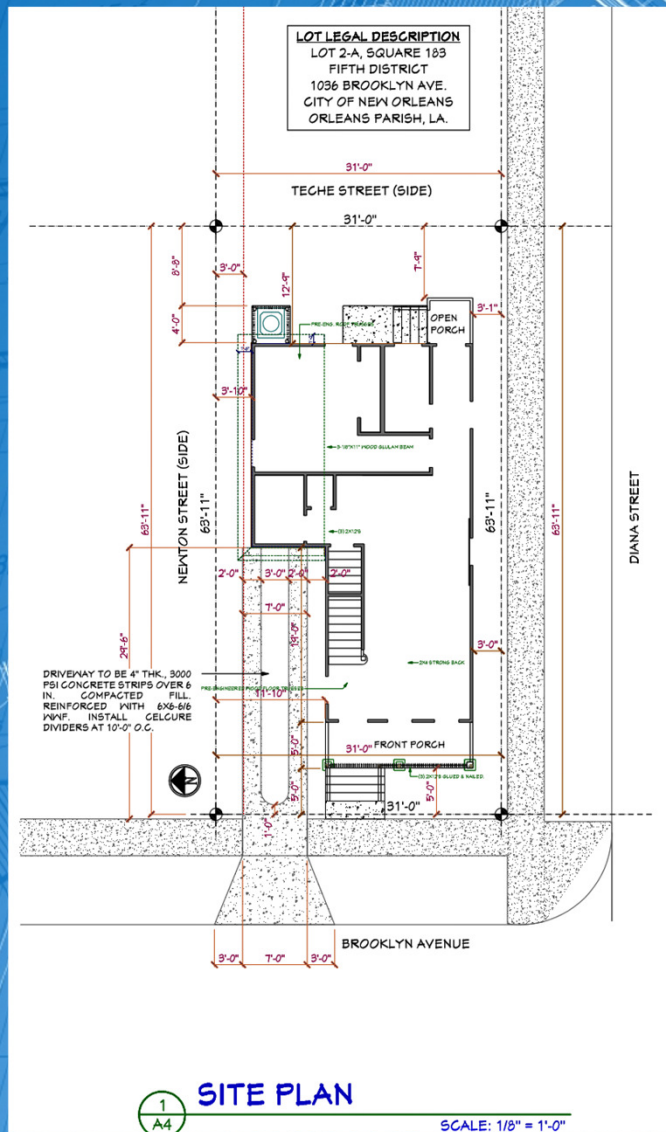
JSA

FOUNDATION PLAN & FOUNDATION DETAILS

A-3

Site Plan

The Site Plan locates the building 'footprint' on the actual site and describes the required site work. The Site Plan shows sidewalks, driveways, flatwork, and all details related to site work.

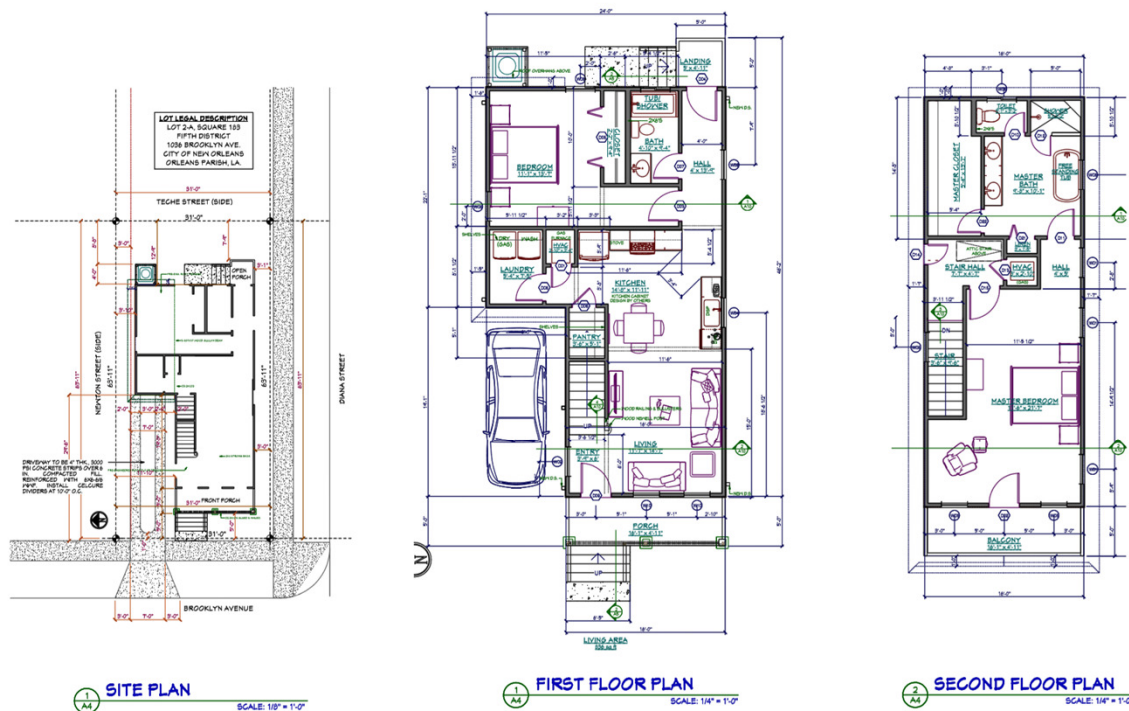


15M²

Floor Plan View

FLOOR PLAN FOR A HOUSE

Floor plans are simply that. Each floor of the building is drawn to scale (usual a 1/8" or 1/4" scale). These plans show interior and exterior walls, door and window locations, room dimensions, stairs, cabinets, toilets and sinks, and other relevant information.



PERMEABLE OPEN SPACE CALCULATIONS:

1. ZONING: S-RD (SUBURBAN TWO-FAMILY RESIDENTIAL DISTRICT)
2. LOT AREA: 1,981.4 S.F.
3. TOTAL IMPERVIOUS SURFACE AREA: 1,037.8 (INCLUDES ROOF OVERHANGS, COVERED PORCHES, STEPS, C.U. PLATFORMS)
4. DRIVEWAY COVERAGE: 119.5 S.F.
5. TOTAL IMPERVIOUS SURFACE COVERAGE: 1,156.8 S.F.
6. TOTAL OPEN SPACE ON LOT: 1,981.4 - 1,156.8 = 824.6 S.F.
7. OPEN SPACE RATIO = 824.6 / 1,981.4 = 0.416
8. TOTAL OPEN SPACE = 824.6 S.F. (70%) > 594.4 S.F. (30%)

AREA CALCULATIONS

1ST FLOOR LIVING AREA	843.1 SF
2ND FLOOR LIVING AREA	724.1 SF
TOTAL LIVING AREA	1,567.2 SF
FRONT PORCH	82.5 SF
2ND FLOOR BALCONY	82.5 SF
TOTAL UNDER ROOF	1,732.2 SF

NOTE: ALL CALCULATIONS ARE BASED ON PLAN DIMENSIONS ONLY AND MAY VARY FROM FINISHED SQUARE FOOTAGE OF THE HOUSE AS BUILT. (ANSI Z390-2006 SQUARE FOOT STANDARDS)

A.D.
ARCHITECTS, LLC



PROFESSIONAL SEAL & SIGNATURE



10-11-2011

These plans were prepared by the above named architect and are the work of the architect and are not to be used for any other purpose without the written consent of the architect.

NO OTHER WORK (AND IDENTIFICATION)

These plans were prepared by the above named architect and are the work of the architect and are not to be used for any other purpose without the written consent of the architect.

REVISIONS

REVISIONS

The following is a list of revisions to these drawings:

1. Revision 1: Added dimensions for the front porch.

2. Revision 2: Added dimensions for the rear porch.

3. Revision 3: Added dimensions for the balcony.

4. Revision 4: Added dimensions for the stairs.

5. Revision 5: Added dimensions for the bedrooms.

6. Revision 6: Added dimensions for the bathroom.

7. Revision 7: Added dimensions for the kitchen.

8. Revision 8: Added dimensions for the dining area.

9. Revision 9: Added dimensions for the living area.

10. Revision 10: Added dimensions for the front porch.

11. Revision 11: Added dimensions for the rear porch.

12. Revision 12: Added dimensions for the balcony.

13. Revision 13: Added dimensions for the stairs.

14. Revision 14: Added dimensions for the bedrooms.

15. Revision 15: Added dimensions for the bathroom.

16. Revision 16: Added dimensions for the kitchen.

17. Revision 17: Added dimensions for the dining area.

18. Revision 18: Added dimensions for the living area.

19. Revision 19: Added dimensions for the front porch.

20. Revision 20: Added dimensions for the rear porch.

21. Revision 21: Added dimensions for the balcony.

22. Revision 22: Added dimensions for the stairs.

23. Revision 23: Added dimensions for the bedrooms.

24. Revision 24: Added dimensions for the bathroom.

25. Revision 25: Added dimensions for the kitchen.

26. Revision 26: Added dimensions for the dining area.

27. Revision 27: Added dimensions for the living area.

28. Revision 28: Added dimensions for the front porch.

29. Revision 29: Added dimensions for the rear porch.

30. Revision 30: Added dimensions for the balcony.

31. Revision 31: Added dimensions for the stairs.

32. Revision 32: Added dimensions for the bedrooms.

33. Revision 33: Added dimensions for the bathroom.

34. Revision 34: Added dimensions for the kitchen.

35. Revision 35: Added dimensions for the dining area.

36. Revision 36: Added dimensions for the living area.

37. Revision 37: Added dimensions for the front porch.

38. Revision 38: Added dimensions for the rear porch.

39. Revision 39: Added dimensions for the balcony.

40. Revision 40: Added dimensions for the stairs.

41. Revision 41: Added dimensions for the bedrooms.

42. Revision 42: Added dimensions for the bathroom.

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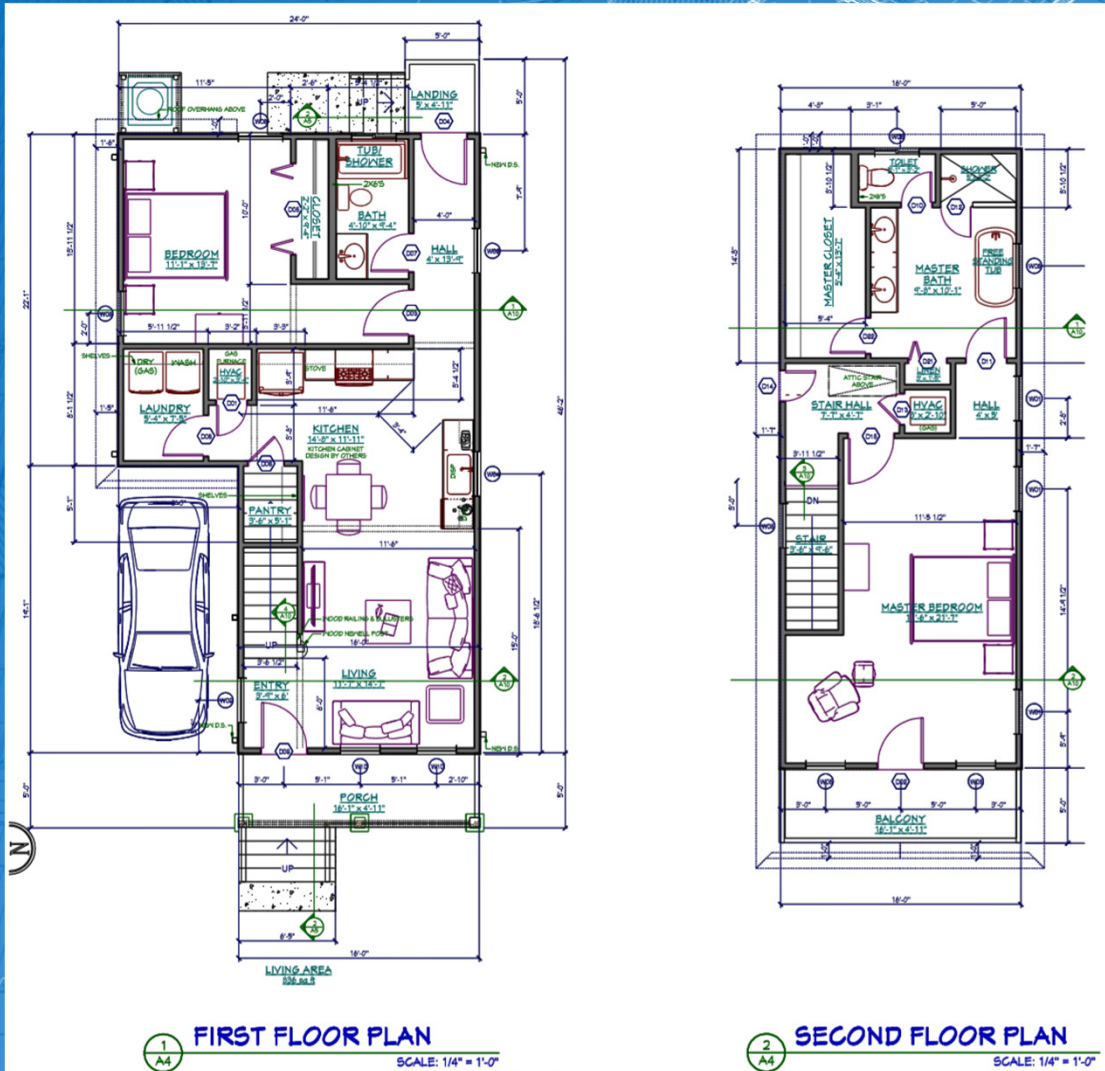
198. Revision 198: Added dimensions for the living area.

199. Revision 199: Added dimensions for the front porch.

200. Revision 200: Added dimensions for the rear porch.

201. Revision 201: Added dimensions for the balcony.

202. Revision 202: Added dimensions for the



Close up of Floor Plan View

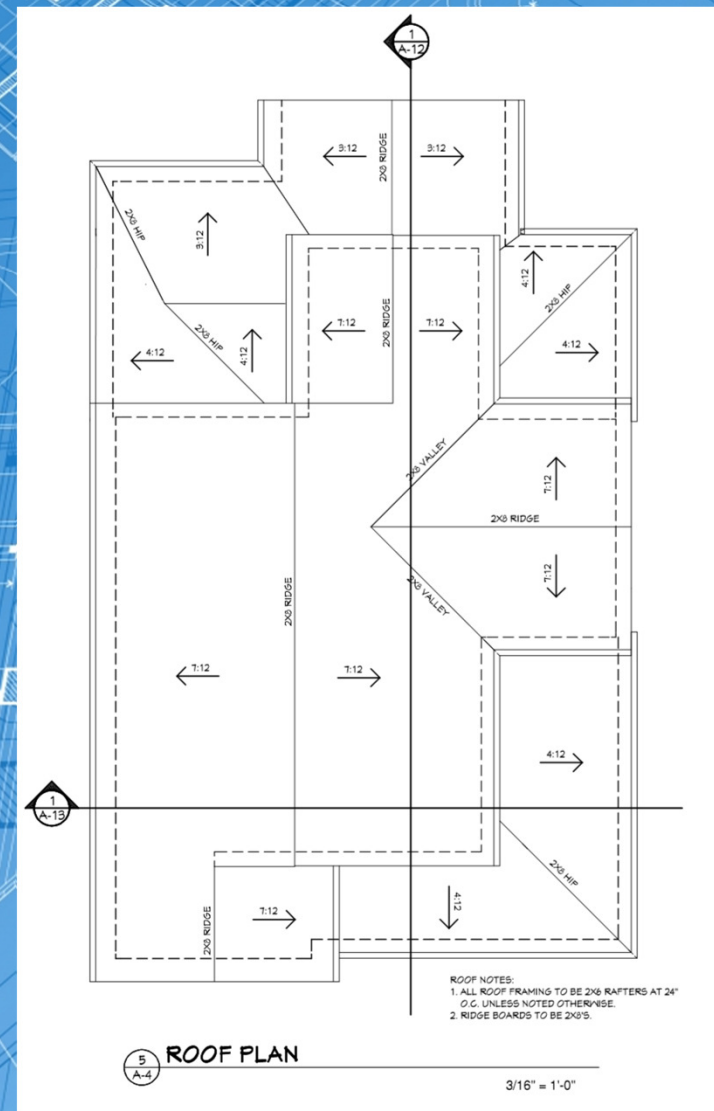
FLOOR PLAN FOR A HOUSE

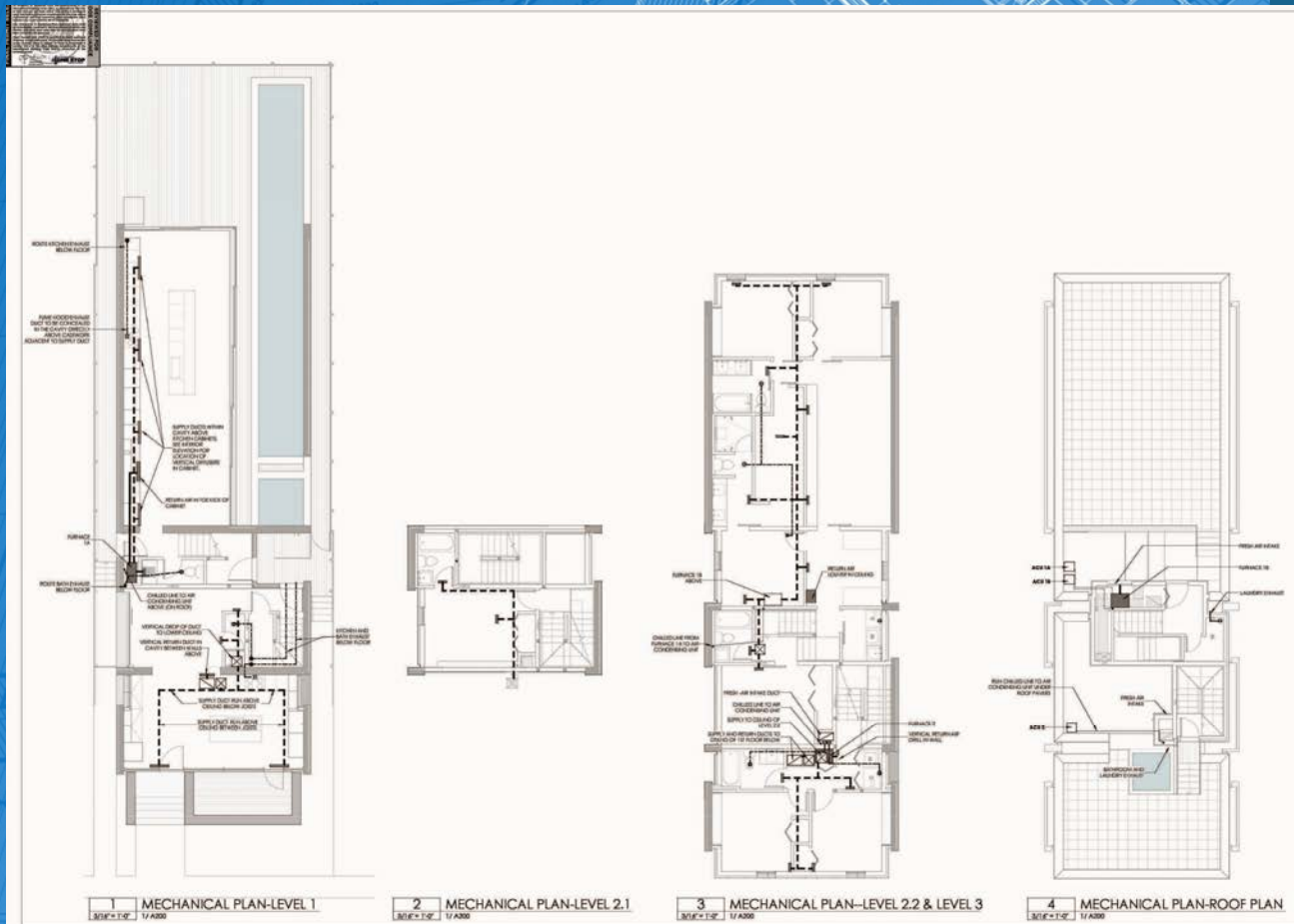
Floor plans are simply that. Each floor of the building is drawn to scale (usual a $\frac{1}{8}$ " or $\frac{1}{4}$ " scale). These plans show interior and exterior walls, door and window locations, room dimensions, stairs, cabinets, toilets and sinks, and other relevant information.

Roof Plan View

ROOF PLAN FOR A HOUSE

Roof plans show dormers, hips, valleys, roof slope, roof pitch, roof-mounted equipment and other related details such as materials to be used and roof penetrations like plumbing or exhaust vents.





Air Conditioning Duct Layout

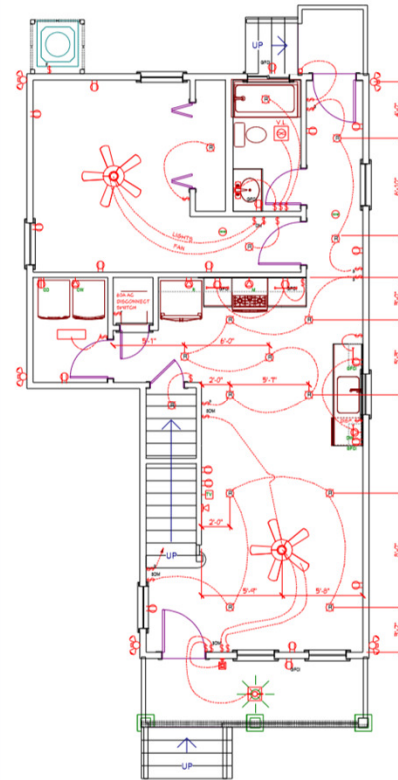
MEP - MECHANICAL, ELECTRICAL, PLUMBING PLANS FOR A RESIDENTIAL PROJECT

Plumbing, mechanical and electrical plans are usually needed for larger projects, but under certain public bid circumstances in housing projects each individual discipline can be shown on separate sheets without making the Architectural Plan too crowded and difficult to understand.

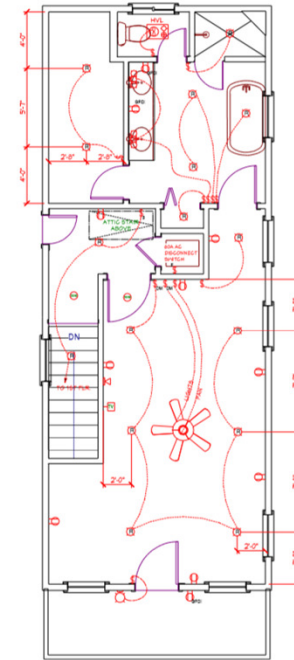
Electrical & Lighting Plan View

ELECTRICAL & LIGHTING PLAN FOR A RESIDENTIAL BUILDING

The lighting plan shows locations of all light fixtures, switches, emergency lighting, and special lighting.



1
A1
1ST FLOOR POWER &
LIGHTING PLAN
SCALE: 1/4" = 1'-0"

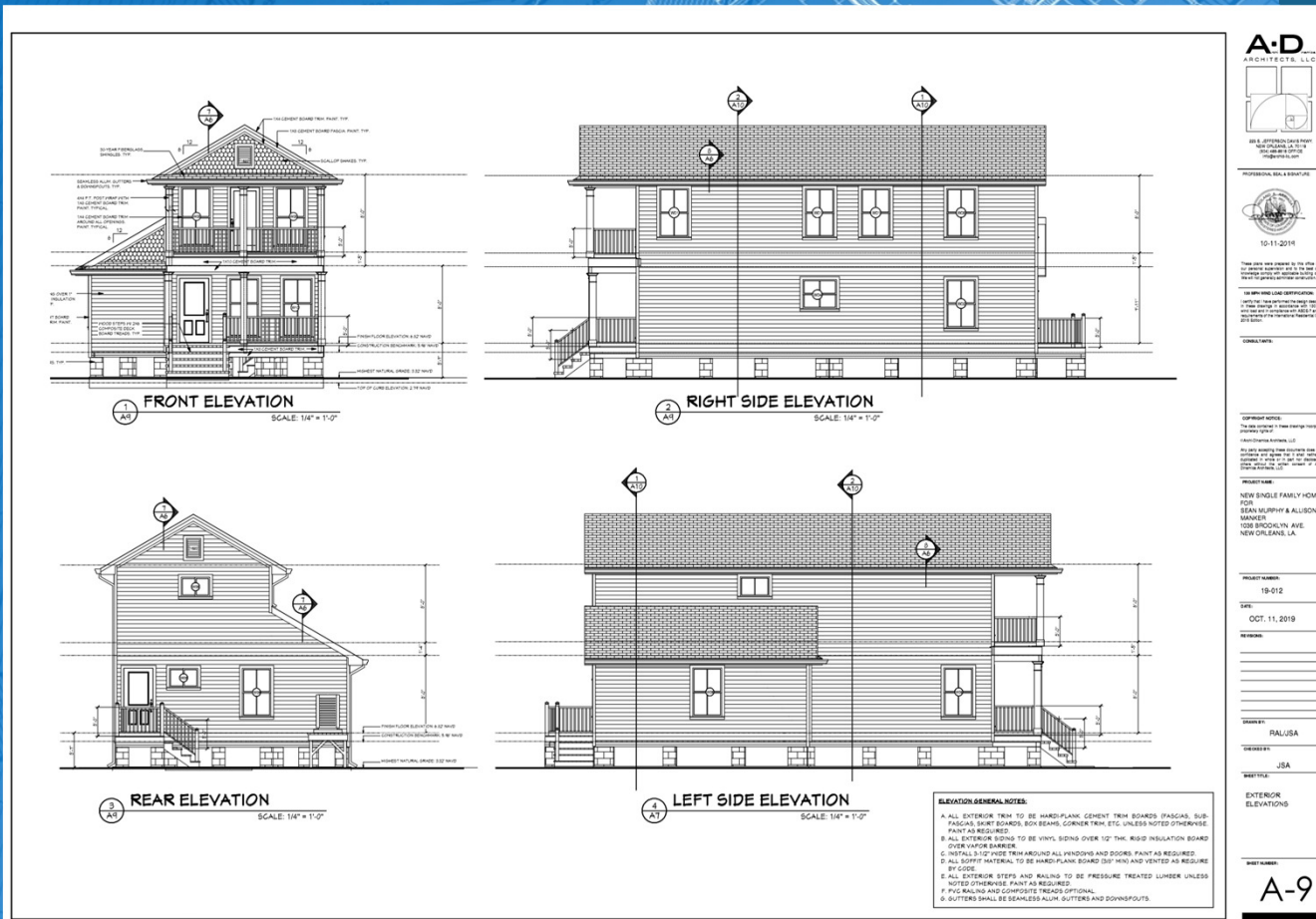


2
A1
2ND FLOOR POWER &
LIGHTING PLAN
SCALE: 1/4" = 1'-0"

ELECTRICAL SYMBOLS LEGEND	
	INCANDESCENT LIGHT (CEILING MOUNTED)
	WALL MOUNTED INCANDESCENT
	RECESSED CAN INCANDESCENT
	VAPOR PROOF LIGHT
	WALL MOUNTED LIGHT FIXTURE
	1' X 4' FLUORESCENT LIGHT (2 LAMP)
	2' X 4' FLUORESCENT LIGHT (2 OR 4 LAMP)
	CEILING FAN
	VENT / LIGHT
	HEATER / VENT / LIGHT
	WIRE OR CIRCUIT
	CABLE TV OUTLET
	DOORBELL
	DOORBELL BUZZER
	JUNCTION BOX
	SINGLE POLE LIGHT SWITCH
	3 WAY LIGHT SWITCH
	4 WAY LIGHT SWITCH
	LIGHT SWITCH WITH DIMMER
	DUPLEX OUTLET
	250 VOLT OUTLET
	WEATHER PROOF OUTLET
	250 VOLT OUTLET
	FLOOR OUTLET
	TWIN FLOOD LIGHT
	DISCONNECT SWITCH
	CEILING SMOKE DETECTOR
	WALL MOUNTED SMOKE DETECTOR
	PHONE JACK

STRUCTURAL FRAMING PLANS





Elevations

ELEVATIONS

Elevations are side views showing each of the exterior walls of the building. Usually the elevations are noted north, south, east, and west and they should be cross-referenced on the First Floor Plan.

Exterior Renderings

EXTERIOR RENDERING

Describe the project in three-dimensional form. It helps with the understanding of volumes, roof planes, and certain features that cannot be described in two-dimensional format. It makes the plans easier to understand.



1 FRONT



3 REAR VIEW



2 REAR VIEW FROM LEFT



4 KITCHEN



10-11-2016

PROJECT NAME:
NEW SINGLE FAMILY HOME
FOR SEAN MURPHY & ALLISON
MURPHY
1000 BUCKLEY AVE
NEW ORLEANS, LA

19-012

OCT. 11, 2019

REVISIONS:

REVISION BY:

REVISION BY:

REVISION BY:

REVISION BY:

REVISION BY:

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REVISION BY:

A-8

Plan views and elevations are not sufficient to fully describe the various building components needed or how each component relates to the others. This is where 'sections' are used. Sections are basically 'slices' through a building or building component.



Cabinet Sections

INTERIOR CASEWORK

Other sections include cabinet and countertop sections to depict all dimensions, relationships to other elements and interior cabinet shelving and other features. Sections are cross referenced on plan views, and elevations, so the reader can understand where the relevant 'slice' was taken. Mostly used in high end residential working drawings.

