



Residential Prints

Skill Trades 1201



Outline

- Introduction
- Elevation view
- Plan view
- Sectional view
- Detail view
- Plumbing plan
- Electrical plan



Introduction

- Blue prints are a set of technical or working drawings (multi-view).
- They provide trades people the necessary information needed to construct a building.



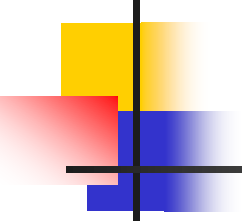
Introduction

- A complete set of prints contain most of the information needed to construct a building.
- The information is presented using different types of drawings, charts and views.

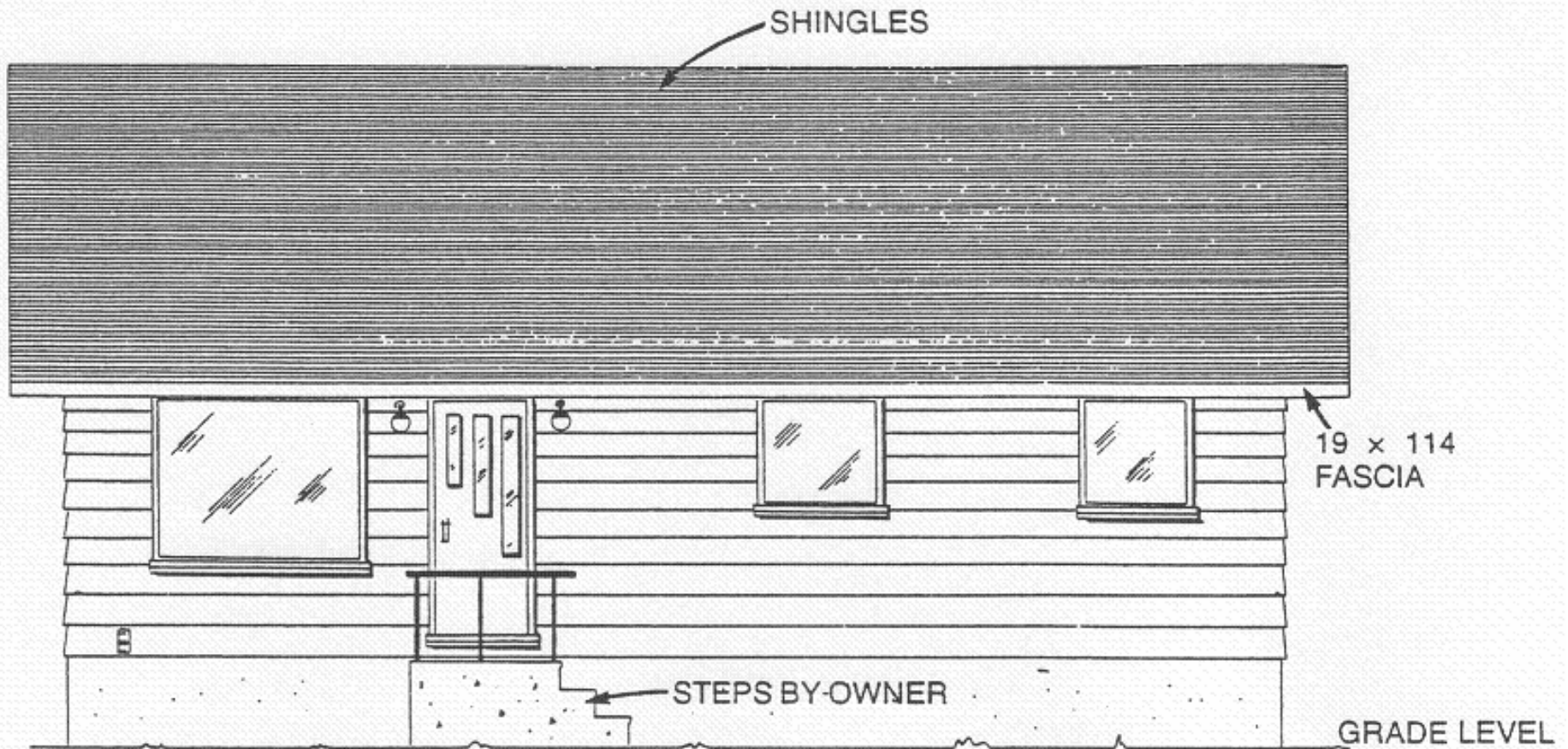


Elevation View

- Elevation views show what the completed house will look like if you were standing in front, to the side, or to the back of the building.

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- Elevation views contain information such as:
 - The type of exterior siding
 - Roofing materials and slope
 - Windows and doors
 - Location of decks
 - Patio and steps

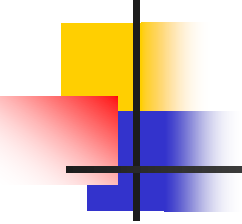
Elevation View



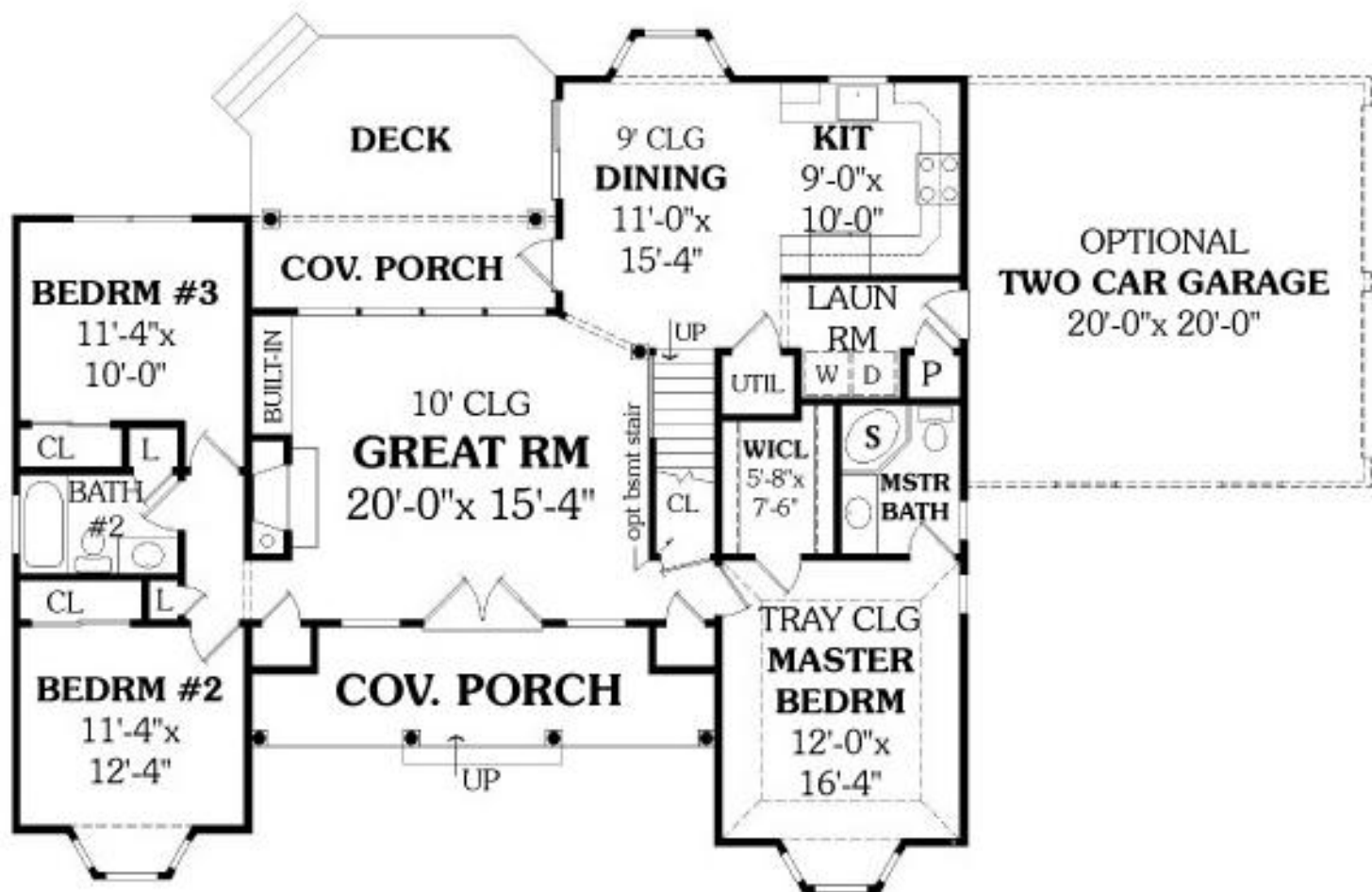


Plan View

- Plan views or floor plans are used to show the interior layout of the building.

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- Plan views show the location of the:
 - Rooms
 - Doors and windows
 - Interior walls
 - Closets
 - Stairwell
 - Electrical and plumbing systems

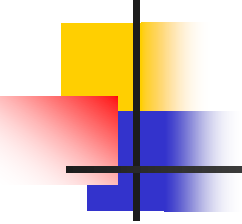
Plan View



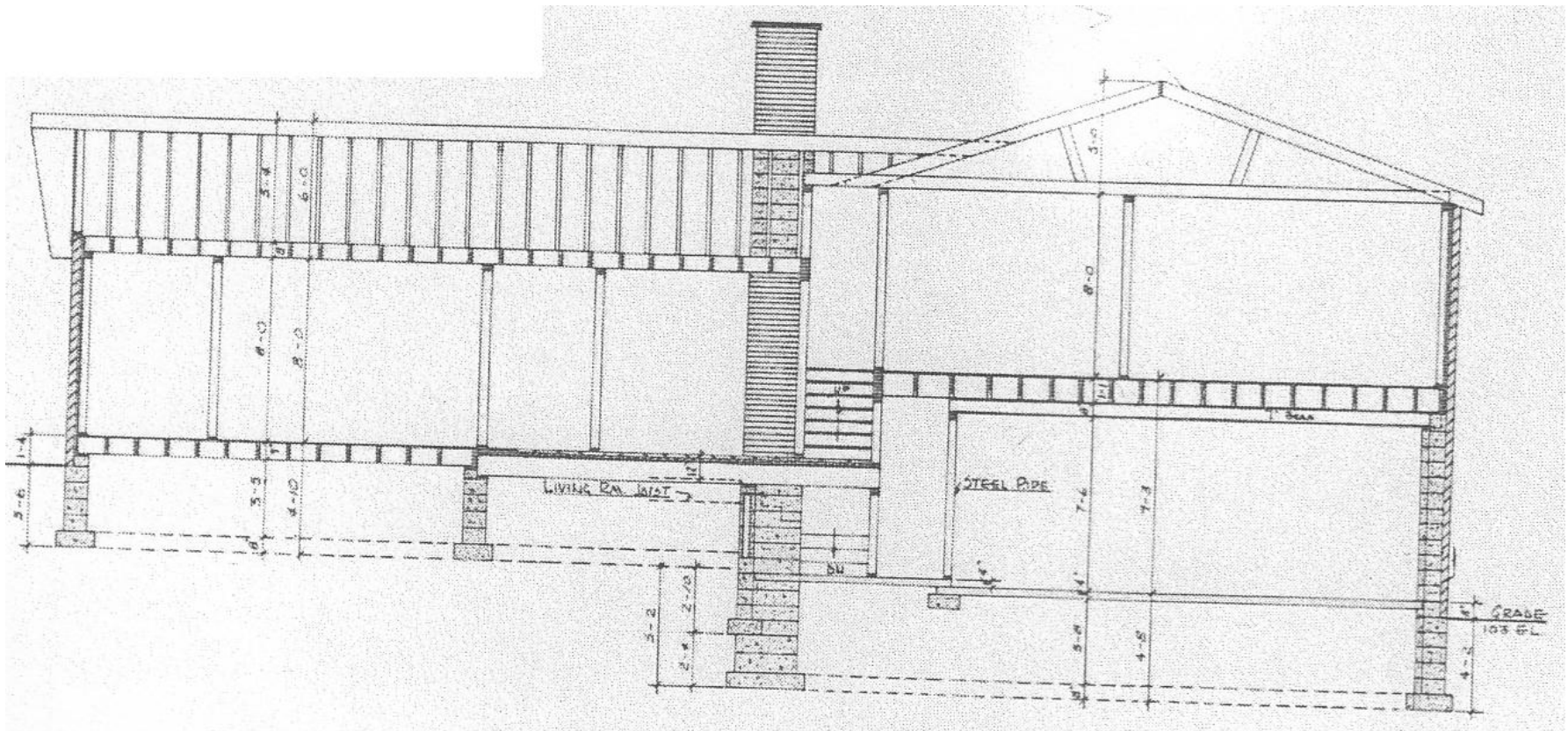


Sectional View

- Sectional views are a type of drawing used to illustrate structural details that are not easily show on other views.

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- Sectional views show the:
 - Dimensions of the exterior wall
 - Materials used in its construction such as:
 - Insulation
 - Sheathing
 - Siding
 - Foundation

Sectional View

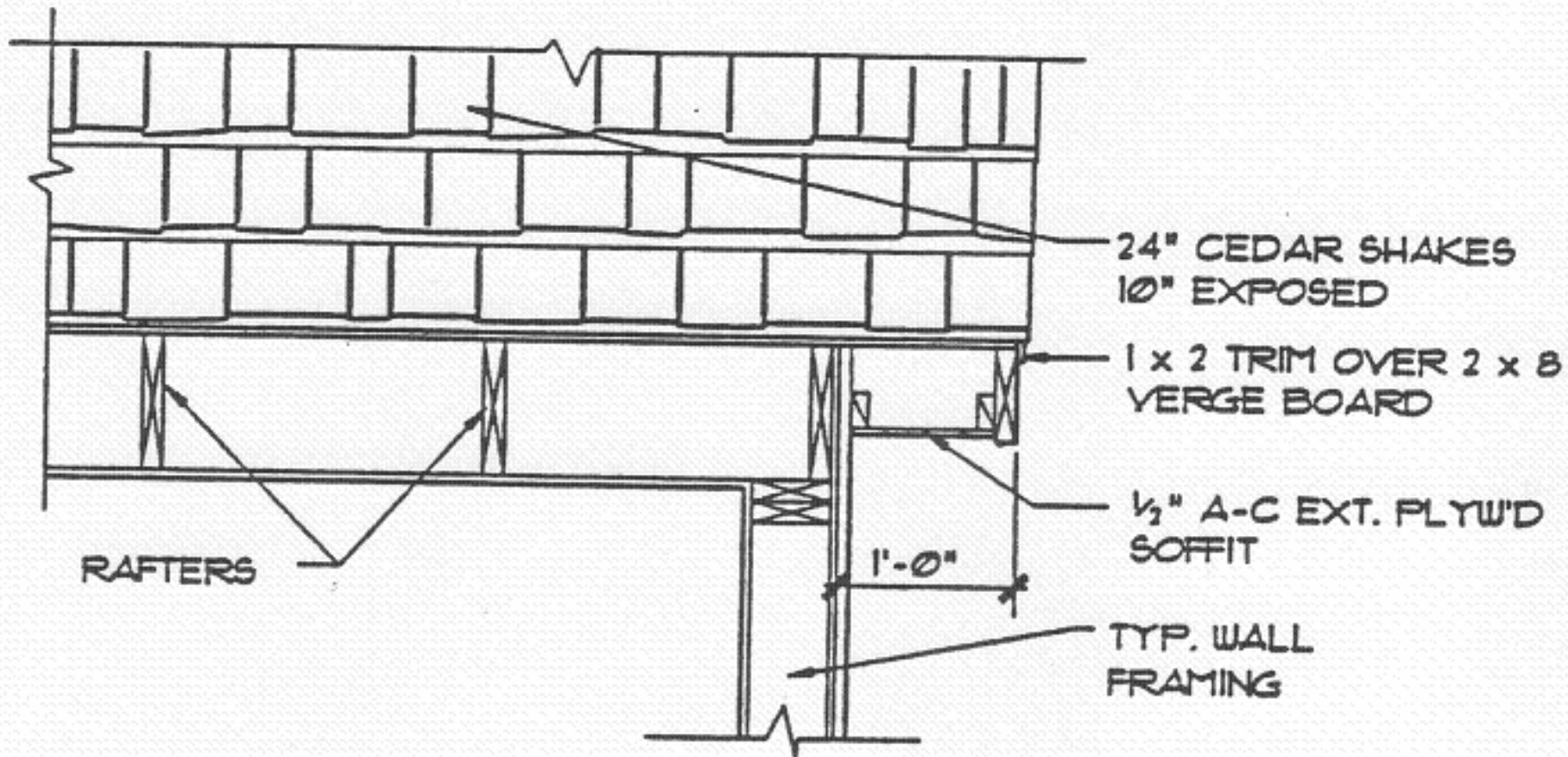




Detail View

- Detail views are used to show the construction details of a small component of the building.

Detail View



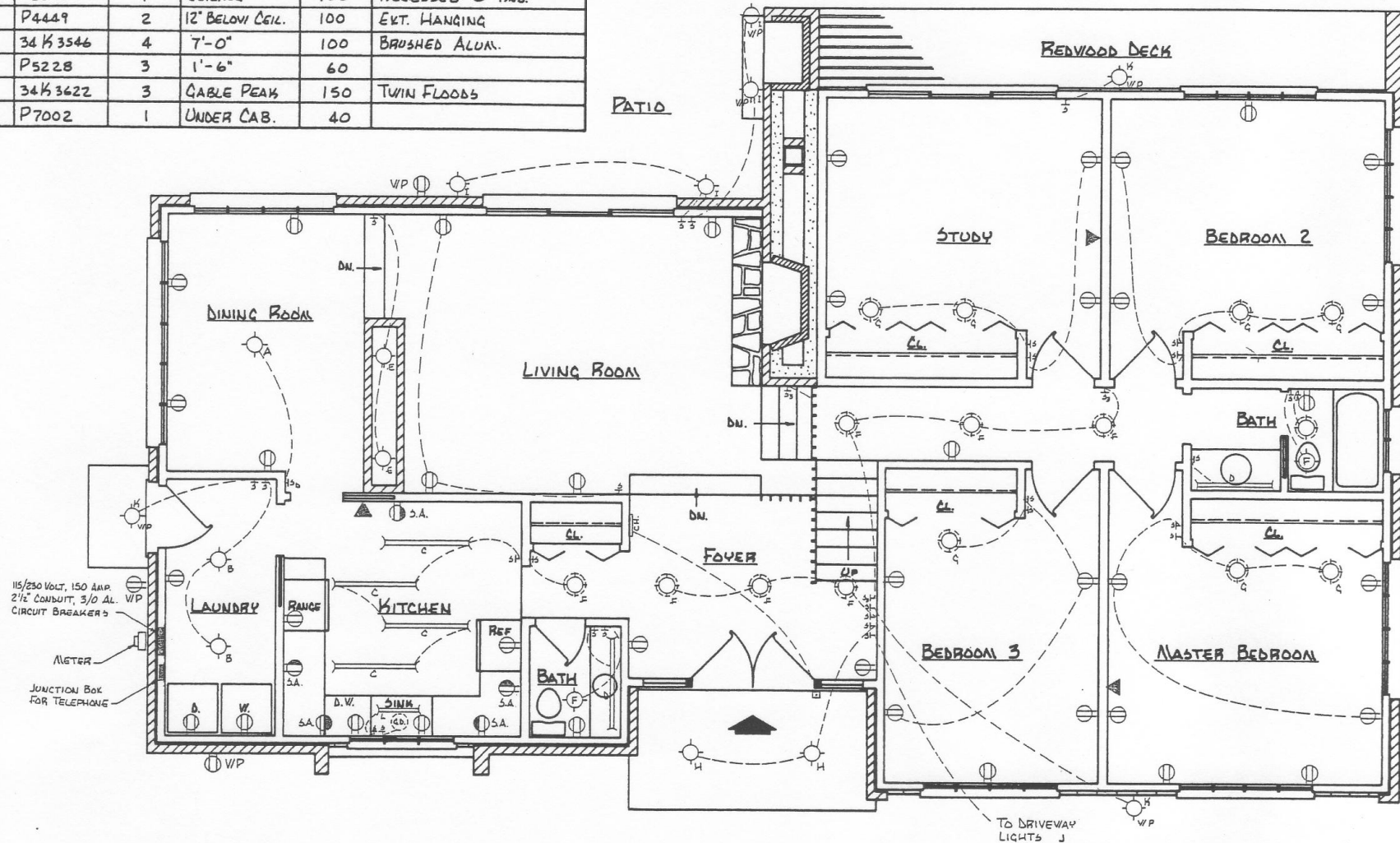


Electrical Plan

- Electrical plans will show locations of light fixtures, fans, outlets, light switches, etc.

LIGHTING FIXTURE SCHEDULE

TYPE	MANUF.	CAT. NO.	NO. REQ.	MOUNTING HGT.	WATTS	REMARKS
A	PROGRESS	P4014	1	CEILING	240	CHANDELIER
B	SEARS	34 K 5165	2	CEILING	100	CERAMIC HOLDERS
C	SEARS	34 K 3113	4	CEILING	80	SUSPENDED CEILING
D	PROGRESS	P7163	2	ABOVE MIRROR	80	RAPID START
E	SEARS	34 K 2734	2	CEILING	100	
F	PROGRESS	P6406	6	CEILING	100	RECESSED 10" SQ.
G	PROGRESS	P6676	7	CEILING	100	RECESSED 8" RND.
H	PROGRESS	P4449	2	12" BELOW CEIL.	100	EXT. HANGING
I	SEARS	34 K 3546	4	7'-0"	100	BRUSHED ALUM.
J	PROGRESS	P5228	3	1'-6"	60	
K	SEARS	34 K 3622	3	GABLE PEAK	150	TWIN FLOODS
L	PROGRESS	P7002	1	UNDER CAB.	40	



ELECTRICAL PLAN

SCALE — 1/8" = 1'-0"



Plumbing Plan

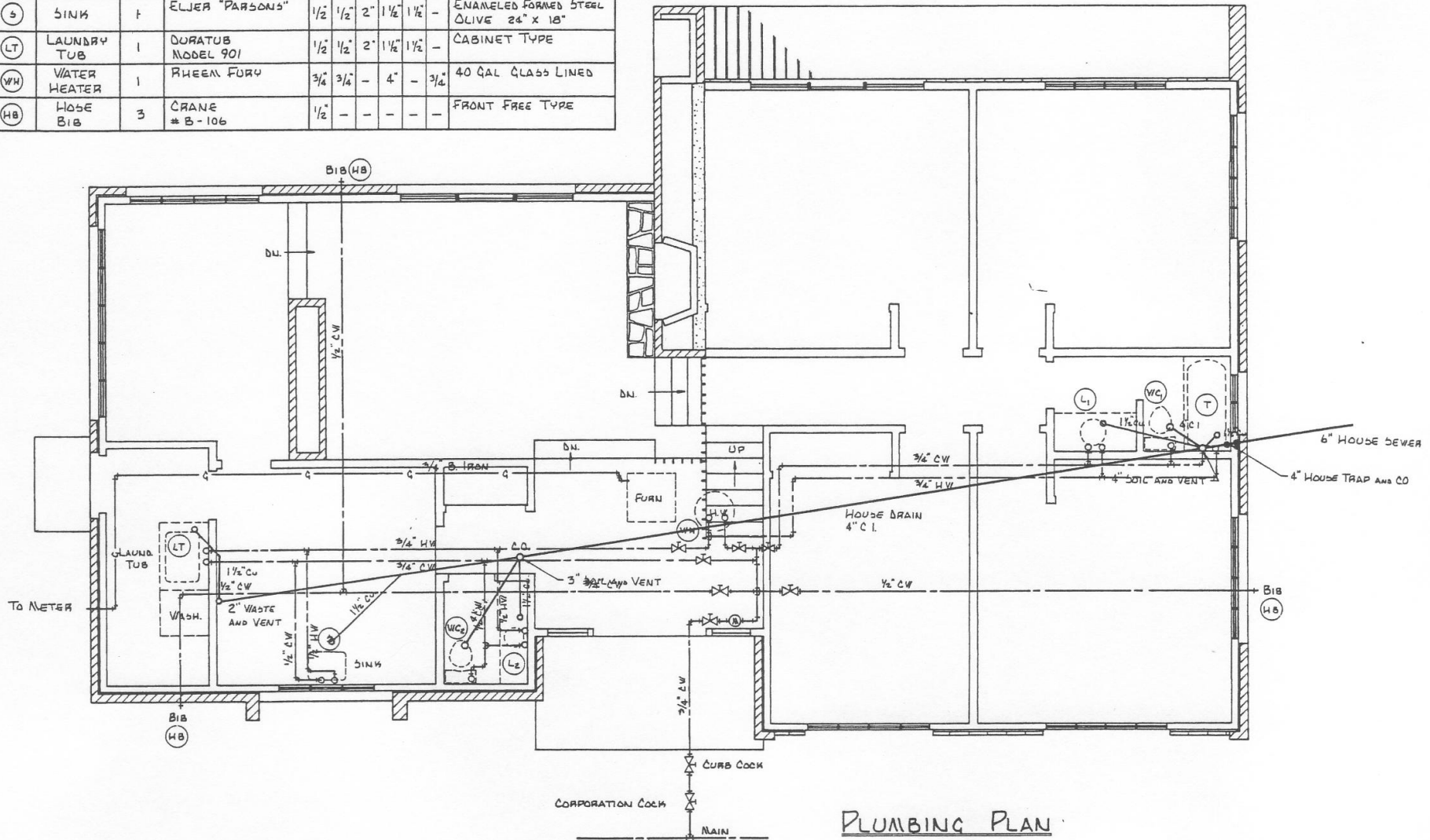
- Plumbing plans will show locations of the main service lines and fixtures such as:
 - Tub
 - Shower
 - Sink

PLUMBING FIXTURE SCHEDULE

IDENT. SYMB.	TYPE OF FIXTURE	NO. REQD.	MANUFACTURER AND CATALOG NO.	PIPE CONNECTION SIZES						REMARKS
				CW	HW	5-W	VENT	TRAP	CS	
(WC ₁)	WATER CLOSET	1	CRANE "HARVARD" # 3-175	3/8"	-	4"	3"	-	-	VITREOUS CHINA PALE JADE
(WC ₂)	WATER CLOSET	1	CRANE "HARVARD" # 3-175	3/8"	-	4"	3"	-	-	VITREOUS CHINA SUN TAN
(L ₁)	LAVATORY	1	CRANE "APRIL" # 1-294	1/2"	1/2"	2"	1 1/2"	-	-	ENAMELED CAST IRON PALE JADE
(L ₂)	LAVATORY	1	CRANE "APRIL" # 1-294	1/2"	1/2"	2"	1 1/2"	-	-	ENAMELED CAST IRON SUN TAN
(T)	BATHTUB	1	CRANE "CRITERION" # 2-80	1/2"	1/2"	2"	1 1/2"	2"	-	ENAMELED CAST IRON PALE JADE
(S)	SINK	1	ELJER "PARSONS"	1/2"	1/2"	2"	1 1/2"	1 1/2"	-	ENAMELED FORMED STEEL OLIVE 24" x 18"
(LT)	LAUNDRY TUB	1	DORATUS MODEL 901	1/2"	1/2"	2"	1 1/2"	1 1/2"	-	CABINET TYPE
(WH)	WATER HEATER	1	RHEEM FURY	3/4"	3/4"	-	4"	-	3/4"	40 GAL GLASS LINED
(HB)	HOSE BIB	3	CRANE # B-106	1/2"	-	-	-	-	-	FRONT FREE TYPE

NOTES:

- ALL PIPE IN THE WATER SUPPLY SYSTEM INSIDE THE HOUSE IS TYPE L COPPER WITH SOLDERED JOINTS.
- ALL VENT AND WASTE PIPE SMALLER THAN 4" IS TYPE M COPPER.
- ALL SOIL AND WASTE PIPE WHICH IS 4" IS NO-HUB CAST IRON WITH SLEEVE COUPLINGS.
- ALL STOP VALVES ARE BRASS.
- ALL TRIM IS CHROME PLATED.

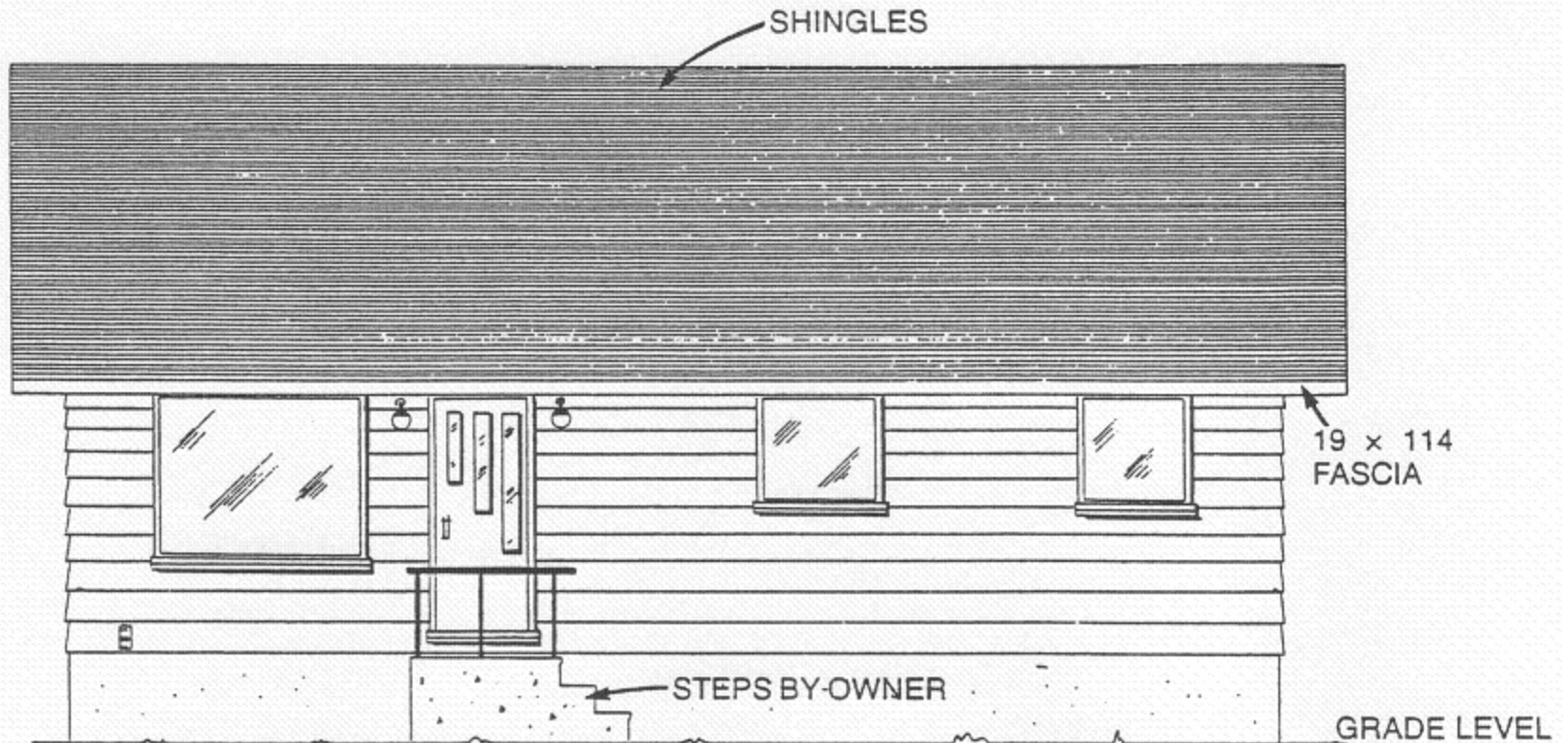


PLUMBING PLAN

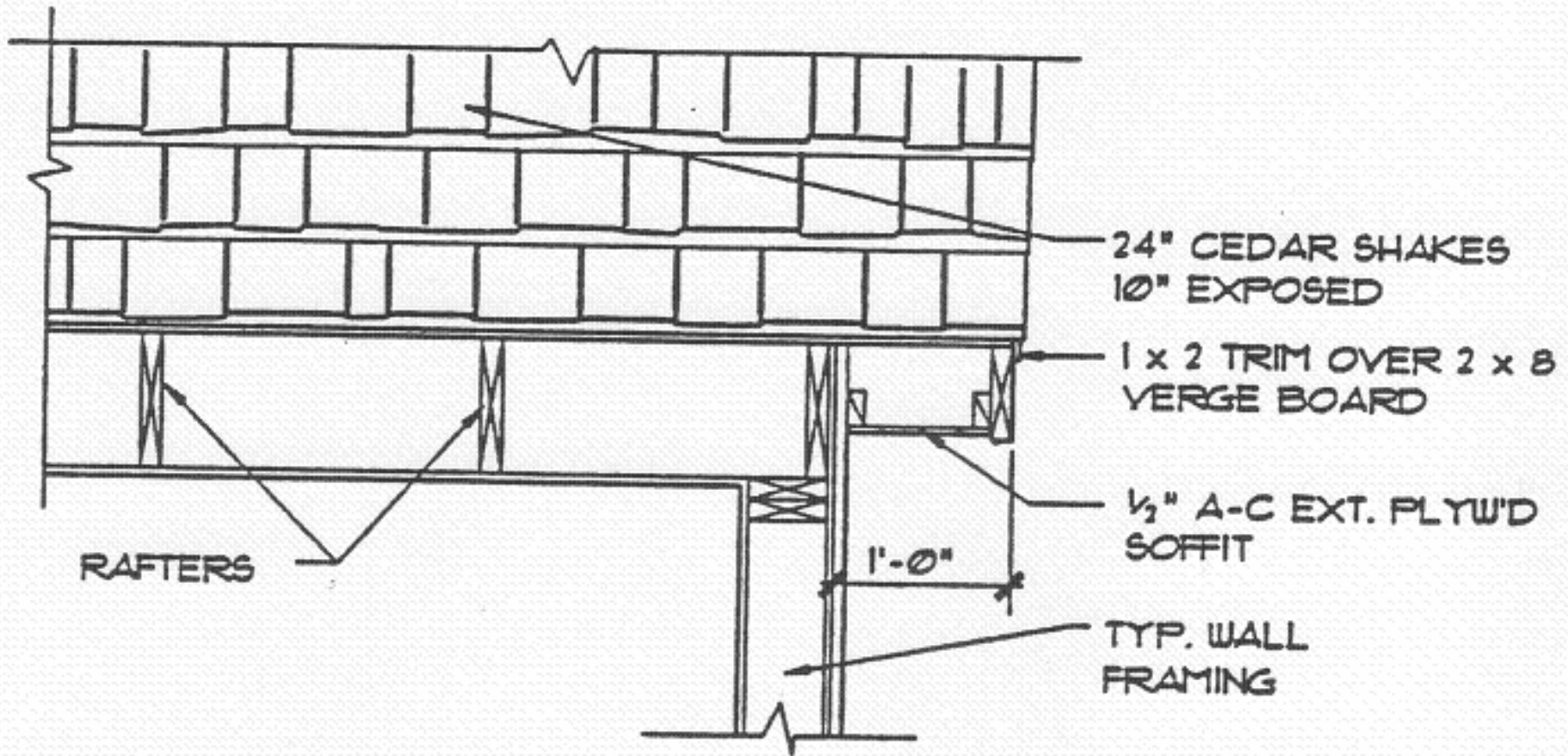
SCALE - 1/4" = 1'-0"

Review

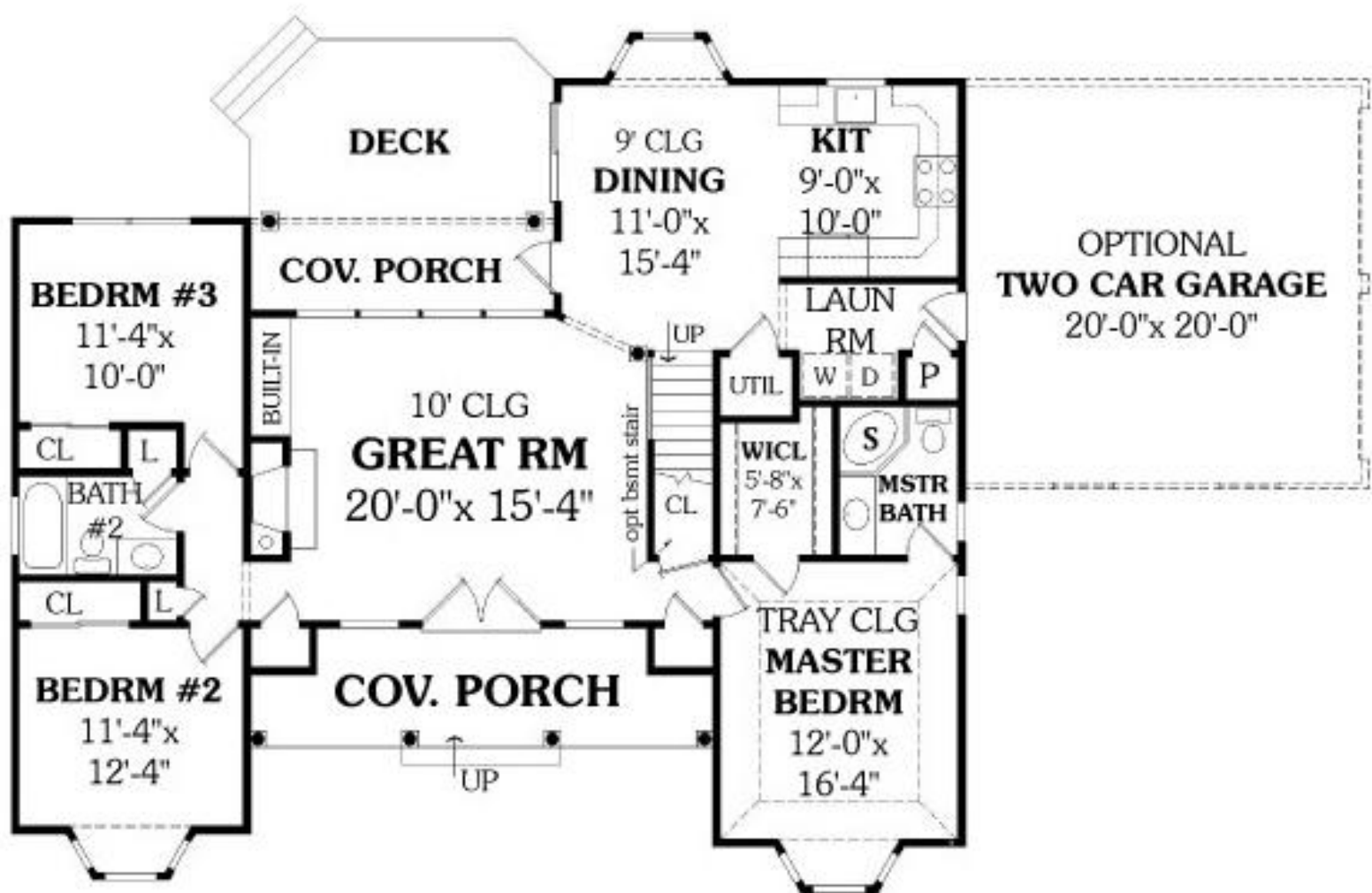
- What type of view is this?



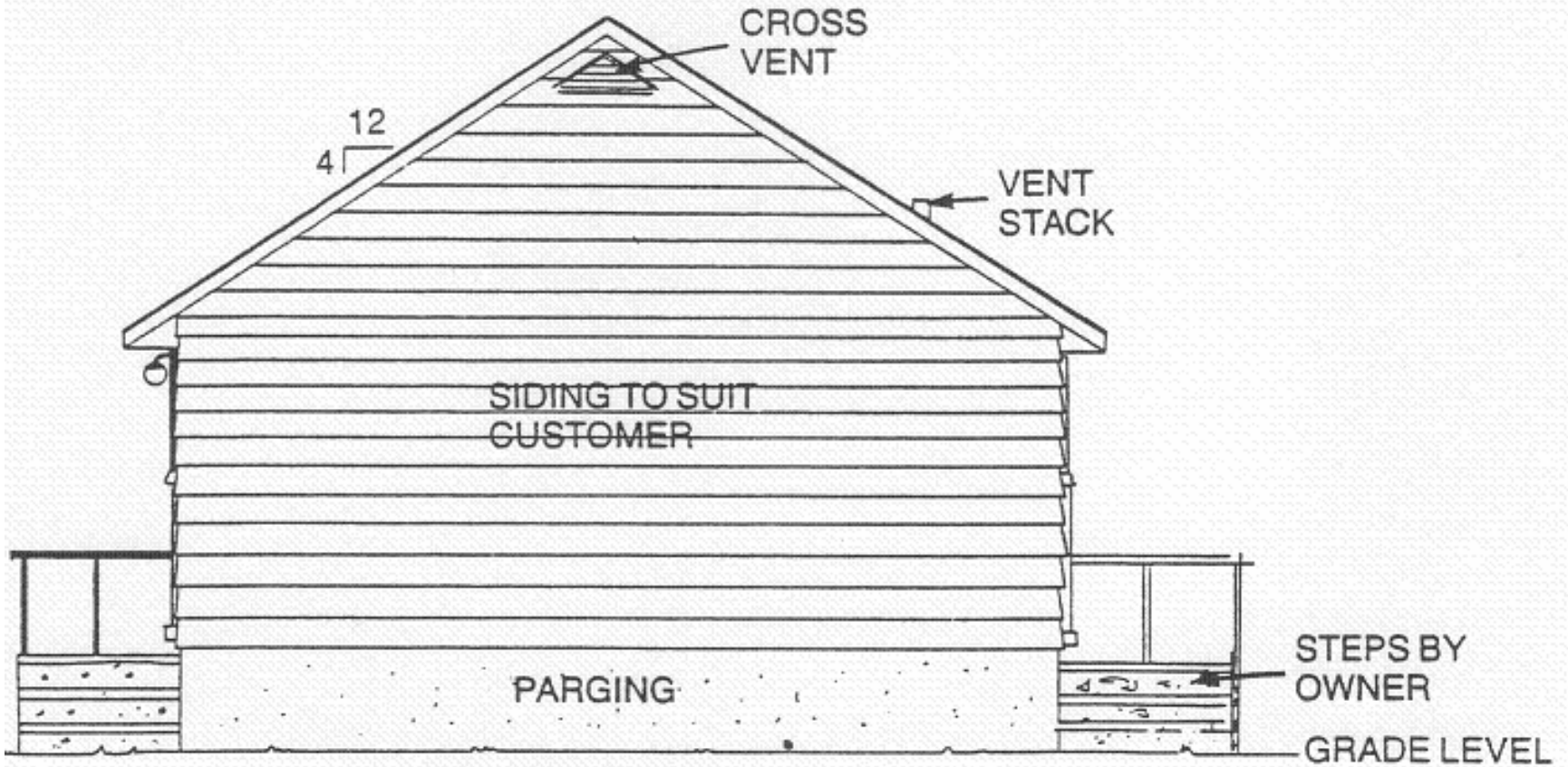
What type of views is this?



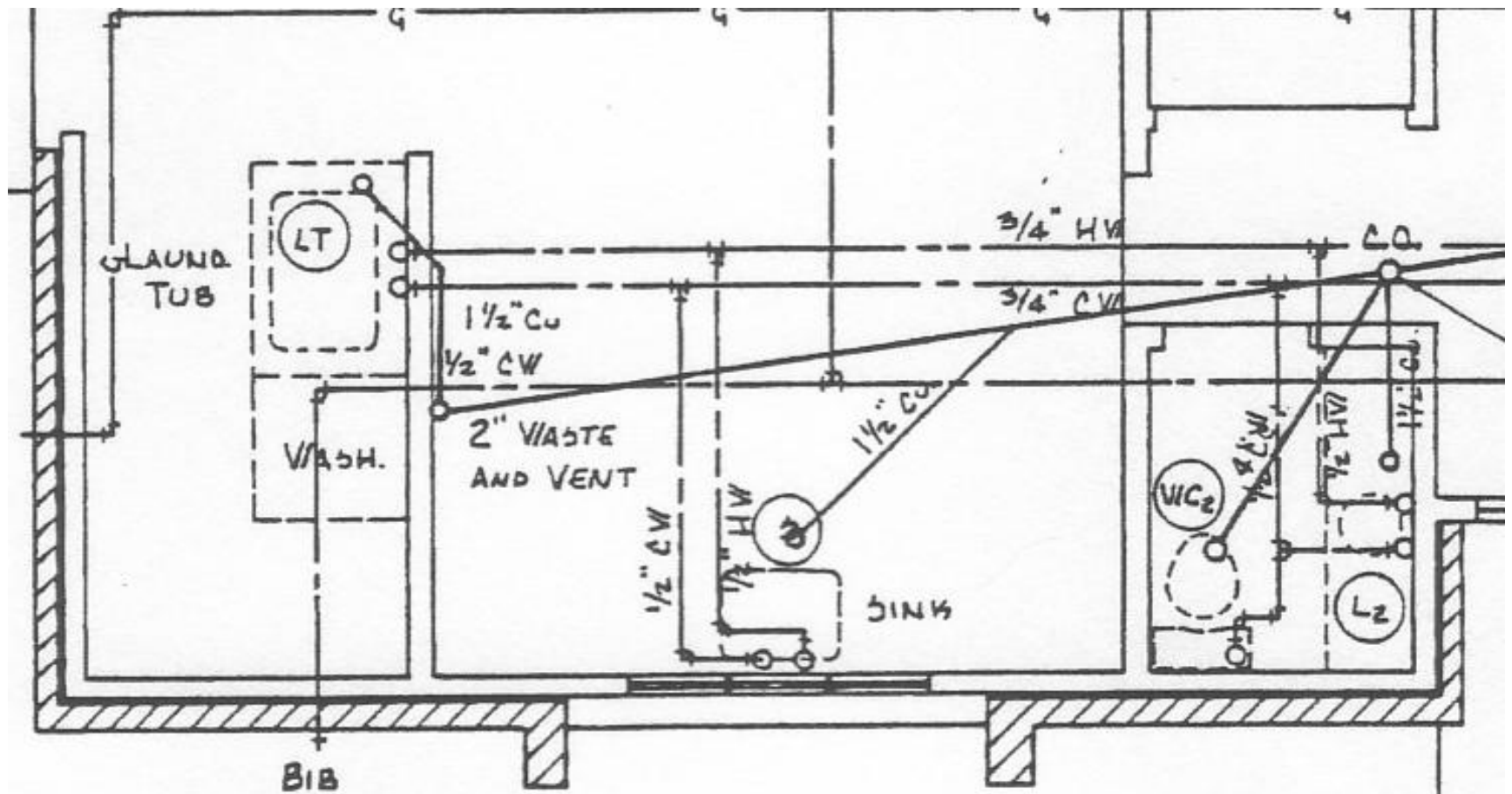
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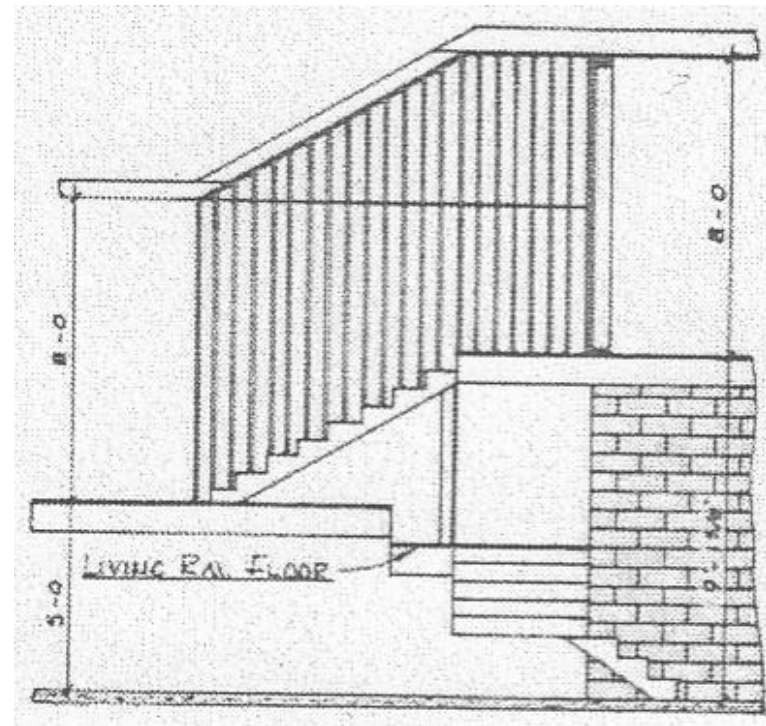
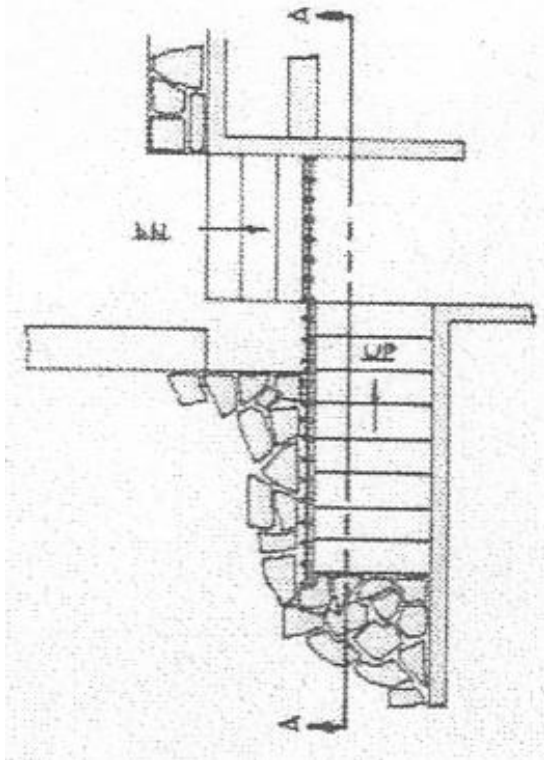
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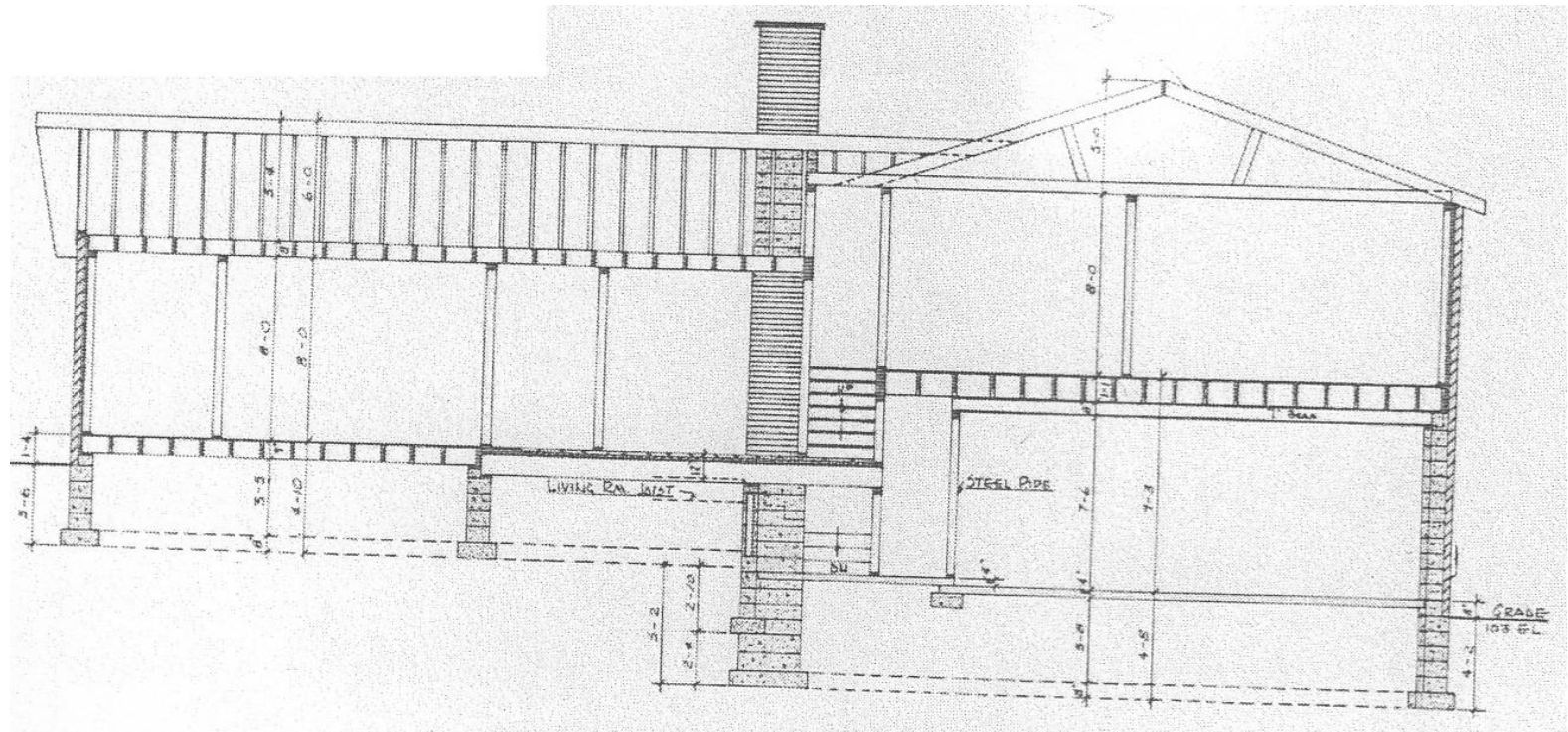
What type of plan is this?



What type of view is this?



What type of view is this?



What type of plan is this?

