

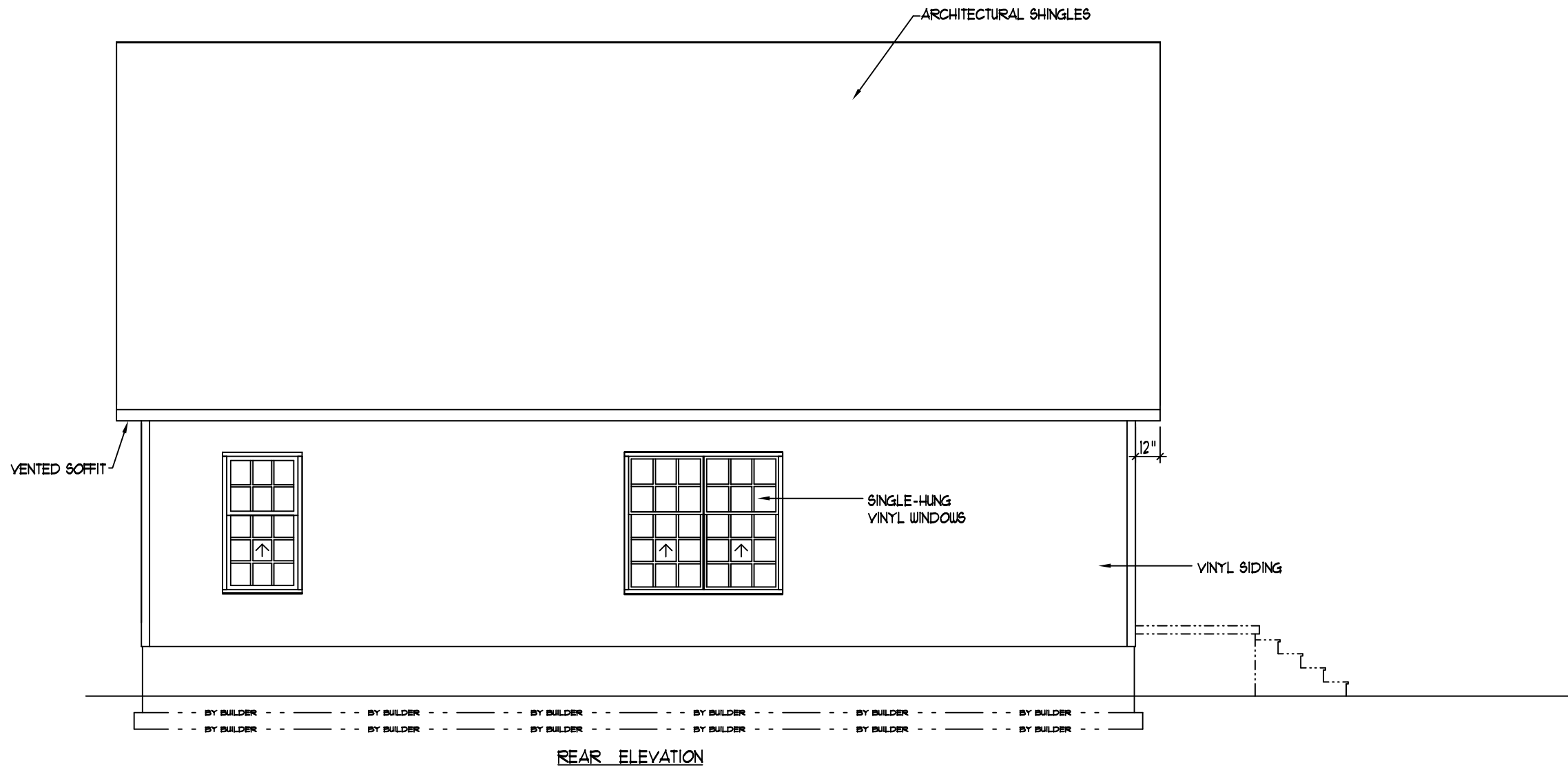




FOXSIDE
 1,122 SQ. FT. - 1ST FLOOR
 752 SQ. FT. - ATTIC

BY BUILDER BY BUILDER
 NOTE:
 PORCHES, DECKS AND/OR GARAGE TO
 BE THE DECISION OF THE BUILDER OR
 OWNER PER LOCAL CODES & REQUIREMENTS.
 BY BUILDER BY BUILDER



 Cardinal Homes	 BetterLiving	REVISIONS		Drawn By: <i>D. Crute</i>	Print No.: 40707	FP. NO. -
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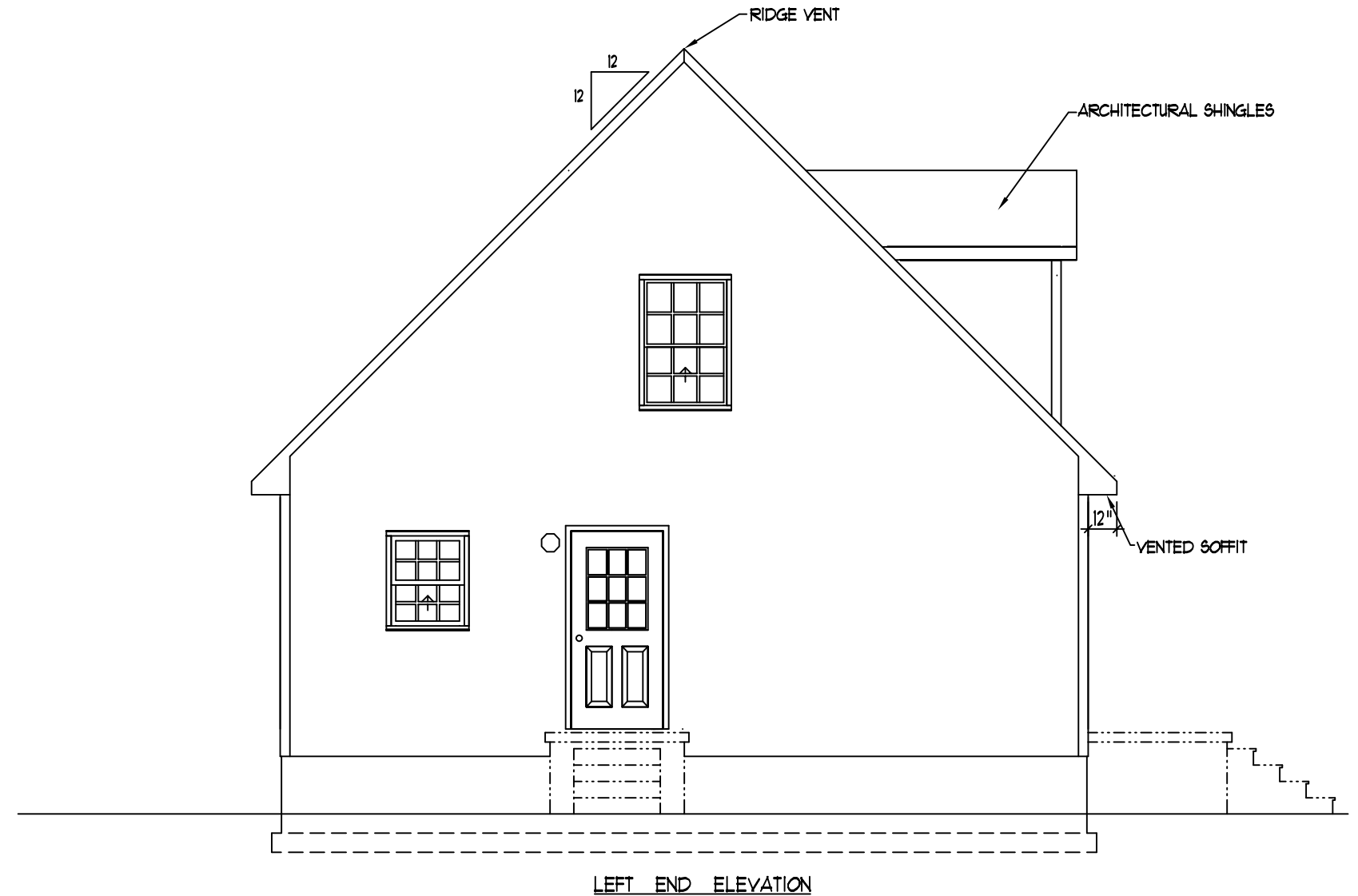
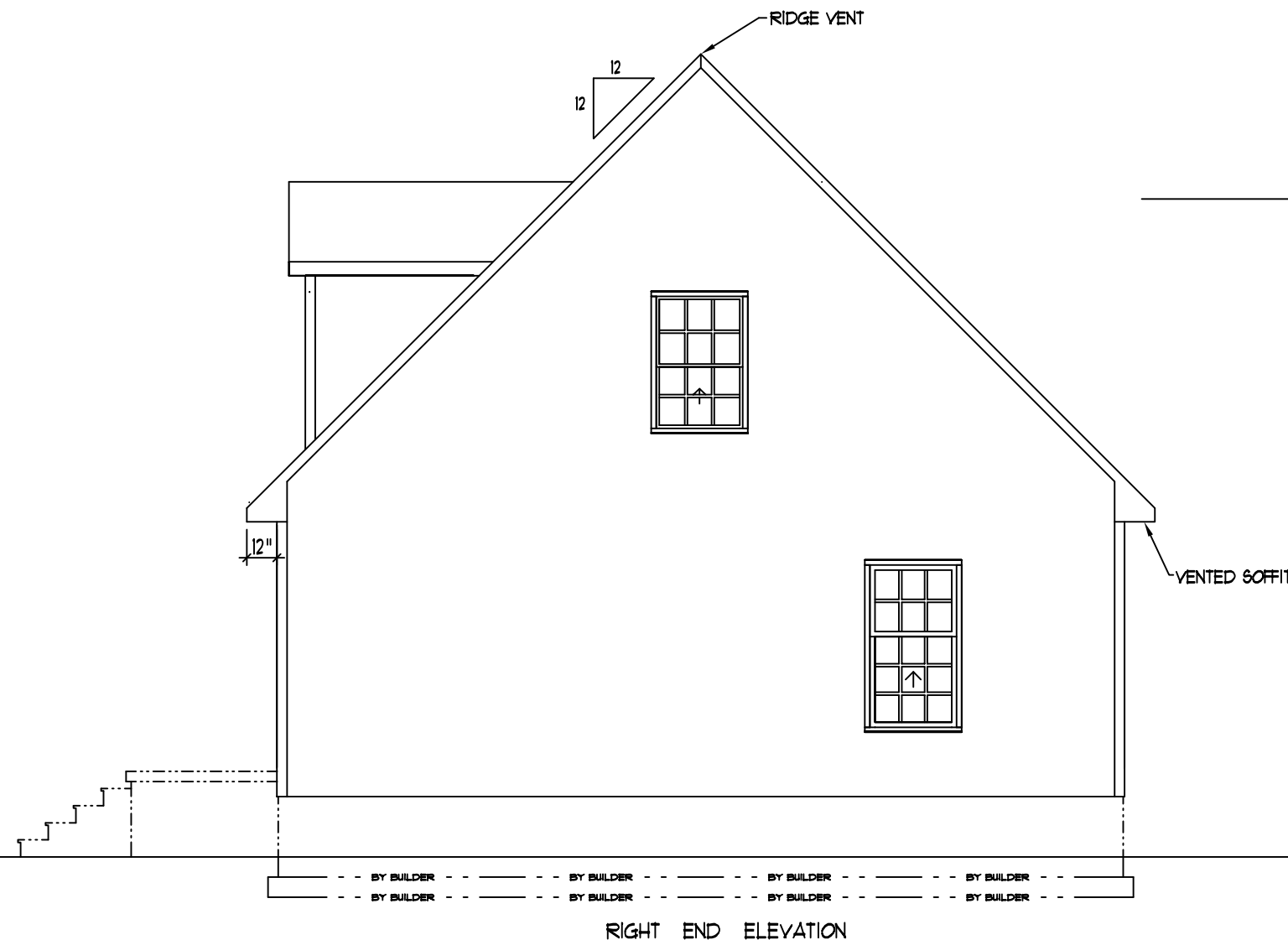
REAR ELEVATION

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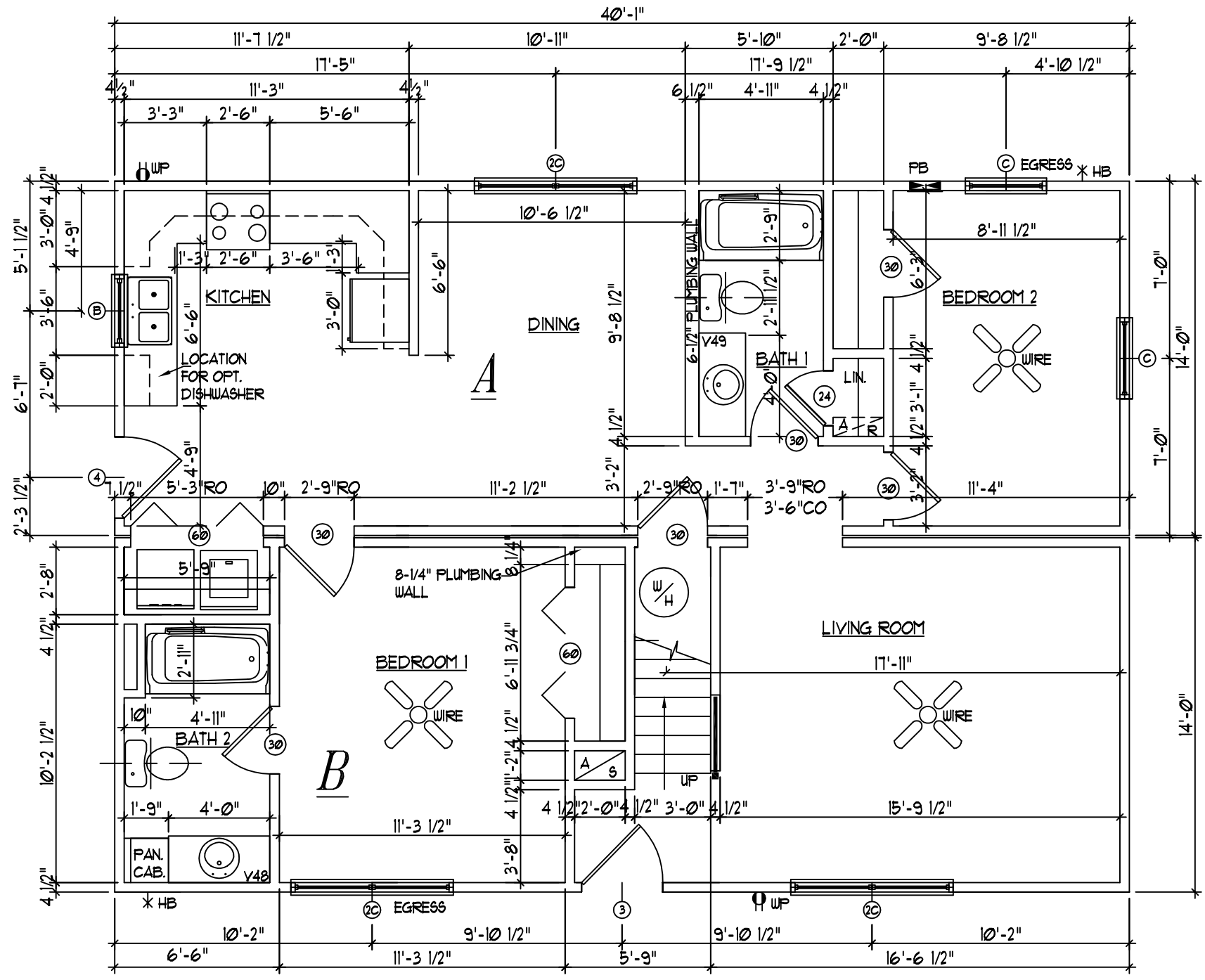
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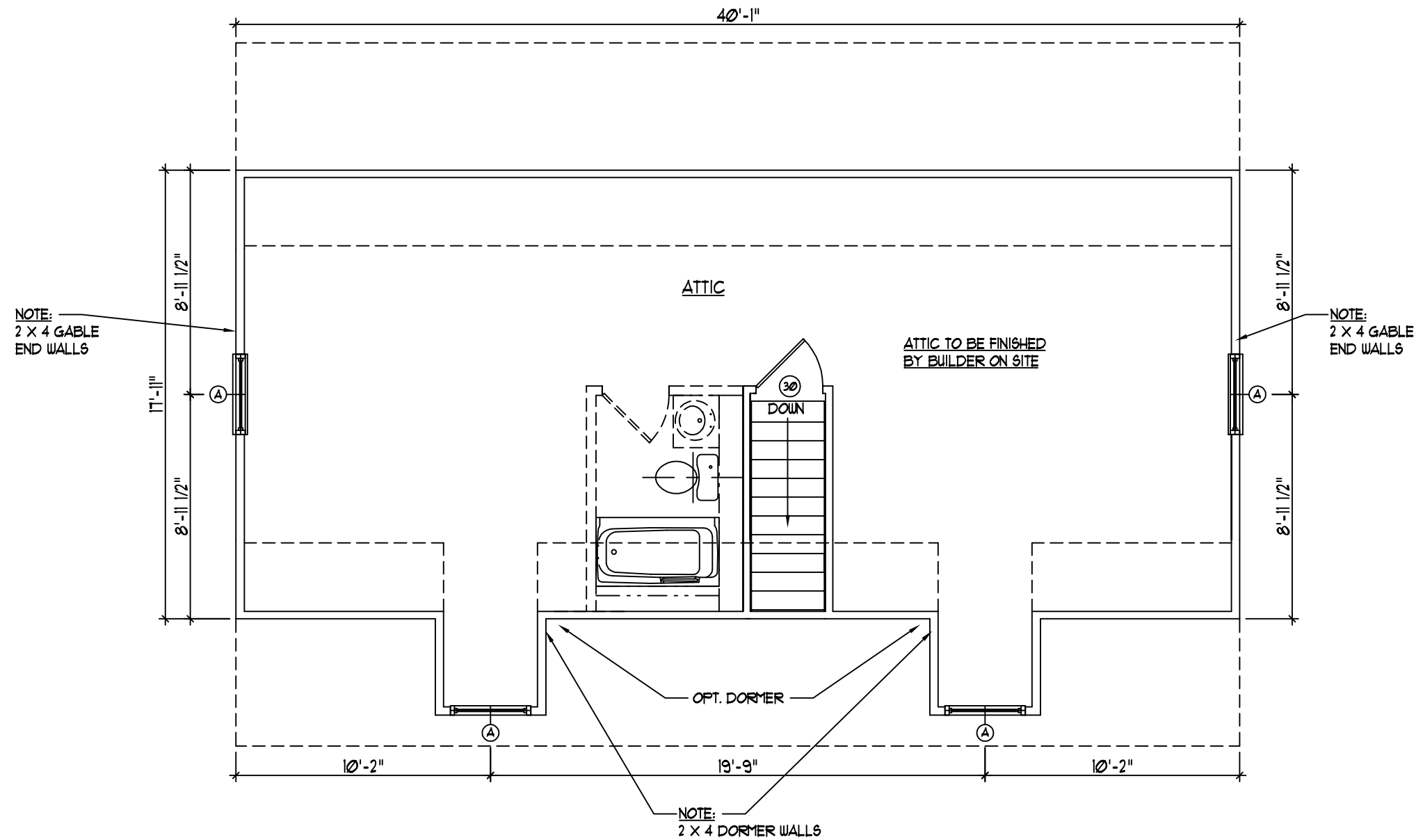
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Mark	Num Of	Size	WINDOW DESCRIPTION	Frame Lintel
C	2	3'-2 1/2" x 5'-9 3/4"	36" x 66" Single Hung Cottage With Grills	(2) 2" x 6" w/ 1/2" Spacer
B	1	2'-10 1/2" x 3'-5 3/4"	32" x 38" Single Hung With Grills	(2) 2" x 6" w/ 1/2" Spacer
2C	3	6'-5" x 5'-9 3/4"	36" x 66" Single Hung Cottage Twin With Grills	(2) 2" x 10" w/ 1/2" Spacer

Mark	Num Of	Size	DOOR DESCRIPTION	Frame Lintel
3	1	3'-2 1/2" x 6'-10 1/2"	3'-0" Ext. 6 Panel	(2) 2" x 10" w/ 1/2" Spacer
4	1	3'-2 1/2" x 6'-10 1/2"	3'-0" Ext. 9 Lite	(2) 2" x 6" w/ 1/2" Spacer
24	1	2'-2" x 6'-10 1/2"	2'-0" Int. 6 Panel	2" x 4" Flat
30	4	2'-8" x 6'-10 1/2"	2'-6" Int. 6 Panel	2" x 4" Flat
60	1	5'-2" x 6'-10 1/2"	5'-0" Int. Bi-Fold	(2) 2" x 6" w/ 1/2" Spacer
60	1	5'-3" x 6'-10 1/2"	5'-0" Int.(Marriage Wall) Bi-Fold	(2) 2" x 10" w/ 1/2" Spacer





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FOXSIDE
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 752 SQ. FT. - ATTIC

Mark	Num Of	Size	WINDOW DESCRIPTION	Frame Lintel
A	4	3'-2 1/2" x 4'-9 3/4"	36" x 54" Single Hung With Grills	(2) 2" x 6" w/ 1/2" Spacer
Mark	Num Of	Size	DOOR DESCRIPTION	Frame Lintel
36	1	3'-2" x 6'-10 1/2"	3'-0" Int. 6 Panel	2" x 4" Flat

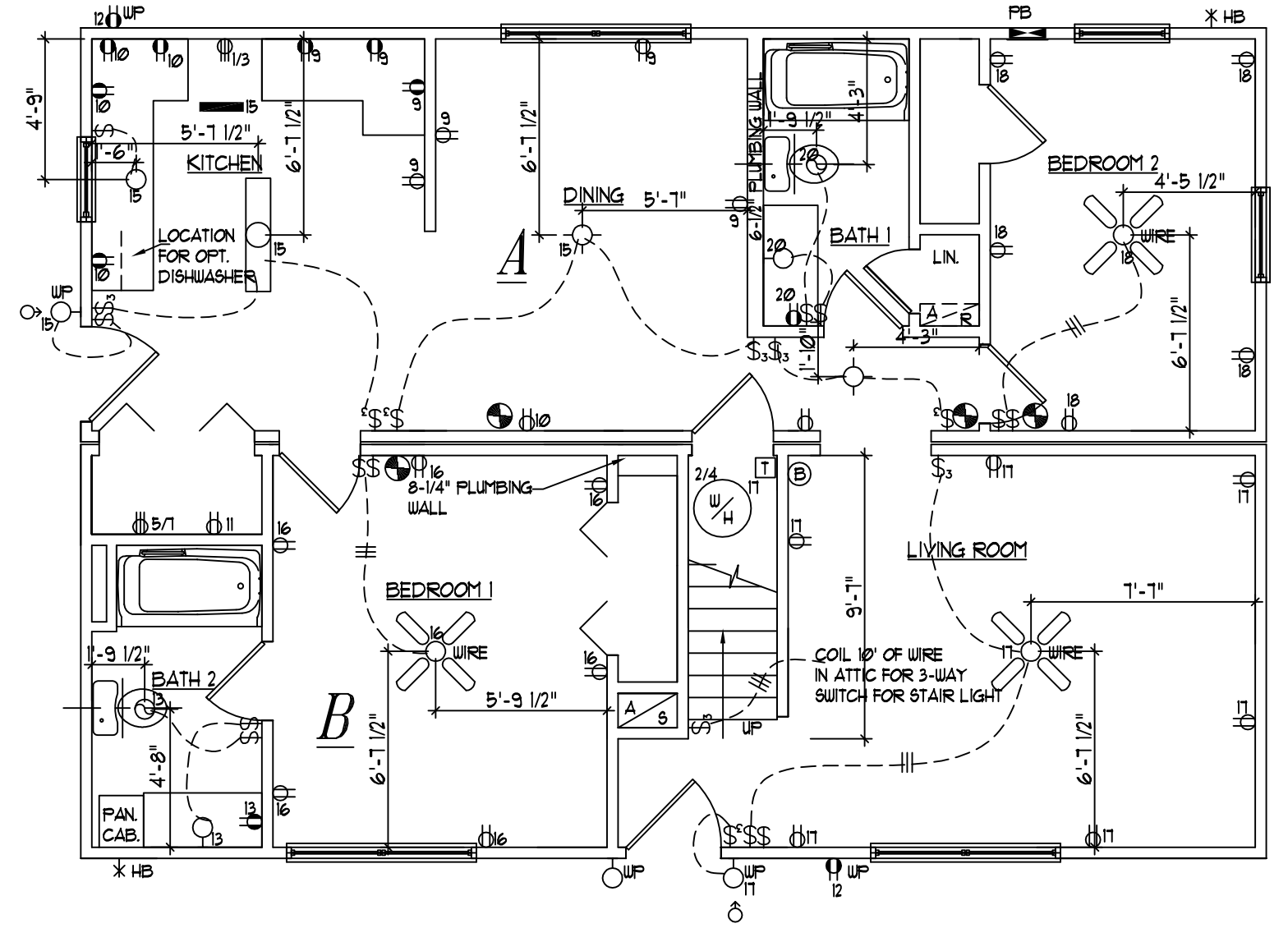
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ELECTRICAL NOTES

- THE CAPACITY OF ALL GENERAL BRANCH CIRCUITS SHALL BE 20 AMPS. ALL OTHER CIRCUITS LISTED AS DEDICATED ON THE ELECTRICAL PANEL CIRCUIT DIRECTORY SHALL BE SIZED AS REQUIRED BY LISTING FOR INDIVIDUAL ITEMS.
- GENERAL CIRCUITING INFORMATION:
 - ONE CENTRAL HEATING CIRCUIT (SPACE SHALL BE ALLOWED FOR ON MAIN PANEL UNLESS OTHERWISE NOTED)
 - KITCHEN SMALL APPLIANCE AND DINING AREA RECEPTACLES - 20 AMP CIRCUITS, MINIMUM NUMBER IS 2. ALL EATING SPACES, INCLUDING DINING ROOM, DINING NOOKS, BREAKFAST AREAS, ETC. SHALL BE PROVIDED WITH THIS 20 AMP PROTECTION.
 - LAUNDRY CIRCUIT - ONE 20 AMP CIRCUIT FOR WASHER AND ASSOCIATED RECEPTACLE IN AREA AND ONE DEDICATED 30 AMP CIRCUIT FOR DRYER.
 - GENERAL LIGHTING AND CONVENIENCE RECEPTACLE BRANCH CIRCUITS AS DESIGNED PER RESIDENCE.
- CARDINAL HOMES SHALL INSTALL A CIRCUIT DIRECTORY ON THE INSIDE COVER OF EVERY PANEL BOARD ENCLOSURE FOR CIRCUIT IDENTIFICATION. THE NUMBERS 1 THROUGH 14 SHALL BE RESERVED FOR THE FOLLOWING DEDICATED CIRCUITS: RANGE, WATER HEATER, DRYER, WELL, WASHER, BATH GFCI, SMOKE DETECTORS, AND KITCHEN SMALL APPLIANCE BRANCH CIRCUITS. THEY ARE TO BE CONSIDERED DEDICATED CIRCUITS AND MAY NOT SERVE ANY OTHER ITEM IN COMBINATION WITH THE DEDICATED LISTING. ALL OTHER NUMBERS MAY BE USED FOR GENERAL BRANCH CIRCUITS OR AS REQUIRED FOR ADDITIONAL DEDICATED CIRCUITS. ANY CIRCUIT LISTED AS DEDICATED ON THE DIRECTORY MAY ONLY SERVE THE ITEM(S) LISTED AS DEDICATED TO THAT CIRCUIT.
- NON-METALLIC CABLE (NM) IS USED THROUGHOUT AND IS INSTALLED AND SUPPORTED AS PER IT'S LISTING.
- POWER AND LIGHTING DISTRIBUTION:
 - GENERAL USE RECEPTACLES SHALL BE DISTRIBUTED WITHIN THE RESIDENCE.
 - SMALL KITCHEN APPLIANCE SHALL NOT BE COMBINED WITH ANY OTHER RECEPTACLE TO COMPLETE ANY OTHER CIRCUIT. ALL SMALL KITCHEN APPLIANCE CIRCUITS SHALL NOT SERVE ANY OTHER OUTLETS OR DEVICES. SMALL KITCHEN APPLIANCE COUNTER TOP RECEPTACLES SHALL BE PROVIDED WITH GROUND FAULT PROTECTION. SMALL KITCHEN APPLIANCE CIRCUITS SHALL BE ON 20 AMP BREAKERS.
 - BATHROOM RECEPTACLES - EACH BATHROOM SHALL HAVE A MINIMUM OF ONE WALL RECEPTACLE INSTALLED ADJACENT TO EACH LAVATORY. THIS RECEPTACLE SHALL BE PROVIDED WITH GROUND FAULT CIRCUIT INTERRUPTION.
 - OUTDOOR RECEPTACLES - EACH HOME SHALL BE PROVIDED WITH A MINIMUM OF TWO OUTDOOR RECEPTACLES, ONE IN FRONT AND ONE IN BACK, BOTH ACCESSIBLE AT GRADE LEVEL. THESE RECEPTACLES SHALL BE PROVIDED WITH GROUND FAULT CIRCUIT INTERRUPTION PROTECTION.
- SMOKE DETECTORS:

ALL SMOKE DETECTORS SUPPLIED AND INSTALLED BY CARDINAL HOMES AND ALSO THOSE THAT ARE SITE INSTALLED SHALL BE APPROVED AND LISTED AS REQUIRED. THEY SHALL BE INSTALLED AND LOCATED IN EACH RESIDENCE. ALL DETECTORS SHALL BE WIRED AS TO BE INTERCONNECTED, RECEIVING PRIMARY POWER FROM A PERMANENT LIGHTING SOURCE, WITH PROVISIONS FOR BATTERY BACK-UP POWER. THE POWER SOURCE SHALL BE FROM A CIRCUIT THAT WOULD BE IN NORMAL DAILY USE BY THE HOUSEHOLD. THE SMOKE DETECTOR POWER SOURCE SHALL BE SO NOTED ON THE PLANS AND CIRCUIT DIRECTORY. ALL SMOKE DETECTORS MUST BE WIRED TO BE CONTAINED IN THE SAME CIRCUIT.
- ARC FAULT BREAKERS (APPLICABLE IN NORTH CAROLINA, VIRGINIA, & SOUTH CAROLINA)

ALL BRANCH CIRCUITS SUPPLYING 15 AND 20 AMP OUTLETS IN BEDROOMS ARE PROTECTED BY ARC-FAULT CIRCUIT INTERRUPTER IN ACCORDANCE WITH 2002 NEC. SECTION 210-12 FOR VIRGINIA & SOUTH CAROLINA AND 2005 NEC. SECTION 210-12 FOR NORTH CAROLINA. SMOKE DETECTORS MANDATED TO BE ARC-FAULT PROTECTED PER NORTH CAROLINA & VIRGINIA REQUIREMENTS.



ELECTRICAL PANEL SCHEDULE

200 AMP					
RANGE	40A	1	2	30A	WATER HEATER
RANGE	40A	3	4	30A	WATER HEATER
DRYER	30A	5	6	20A	WELL
DRYER	30A	7	8	20A	WELL
SM. APPL. - (DIN./KIT.)	20A	9	10	20A	SM. APPL. - (DIN./KIT.)
LAUNDRY	20A	11	12	20A	EXT. GFCI RECS.
BATH 2 & GFCI RECS.	20A	13	14	20A	HALL & SM. DETS. AFCI
KIT./DIN./BI LGTS	20A	15	16	20A	BEDROOM 1-AFCI
LIVING ROOM	20A	17	18	20A	BEDROOM 2-AFCI
OPT. DISHWASHER W/LOCKOUT	20A	19	20	20A	BATH 1 & GFCI RECS.
		21	22		
		23	24		
		25	26		
		27	28		
		29	30		
		31	32		
		33	34		
		35	36		
A/C (SITE INSTALLED)	30A	37	38	60A	H. P. (SITE INSTALLED)
A/C (SITE INSTALLED)	30A	39	40	60A	H. P. (SITE INSTALLED)

* BREAKER NOT INSTALLED AT C.H.I. ▲ ARC FAULT CIRCUIT INTERRUPTER

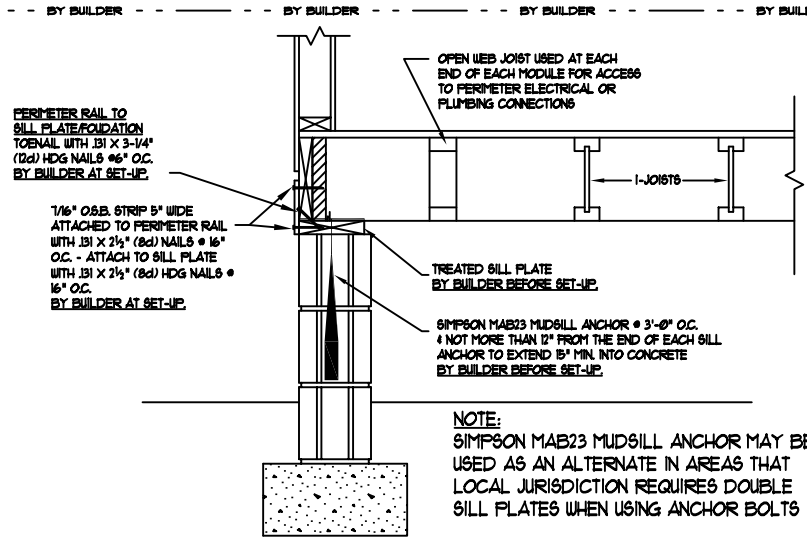
ELECTRICAL LEGEND

	ELEC. PANEL - FLUSH MOUNTED		GROUND FAULT PROTECTED REC.
	SUB-FEED		WEATHER-PROOF REC. - GFCI PROT
	SINGLE POLE SWITCH		DUPLEX RECEPT.
	3-WAY SWITCH		SWITCHED RECEPT.
	4-WAY SWITCH		240 V. REC. - RANGE, DRYER ETC.
	CEILING LIGHT		WALL MOUNTED LIGHT
	FLUORESCENT LIGHT		FULL CHAIN LIGHT
	FLOOD LIGHT		WIRE FOR PADDLE FAN/LIGHT
	DOWNLIGHT		EYEBALL DOWNLIGHT
	UNDER CABINET LIGHT		CEILING EXHAUST FAN
	LIGHT/VENT COMBINATION		SMOKE DETECTOR
	RANGE HOOD		PHONE JACK
	TV JACK		DOORBELL TRANSFORMER
	DOORBELL CHIME		DOORBELL BUTTON
	JUNCTION BOX		

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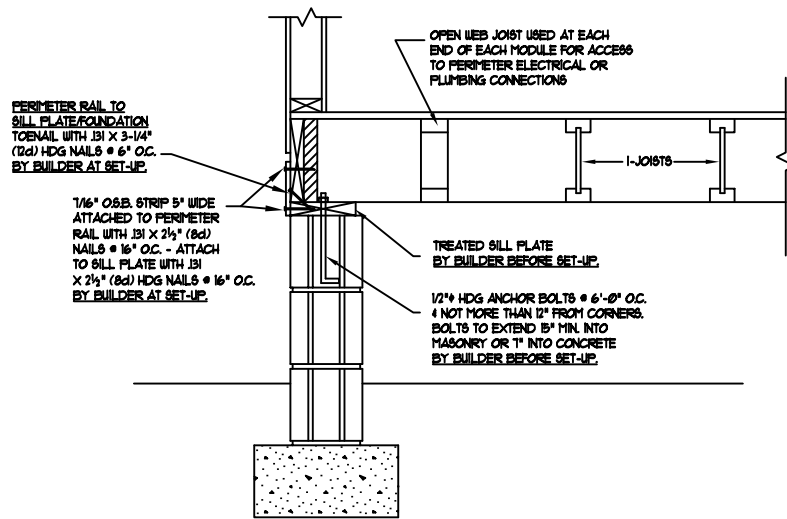


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FLOOR TO FOUNDATION SITE CONNECTIONS USING SIMPSON MAB23 MUDSILL ANCHORS

OR



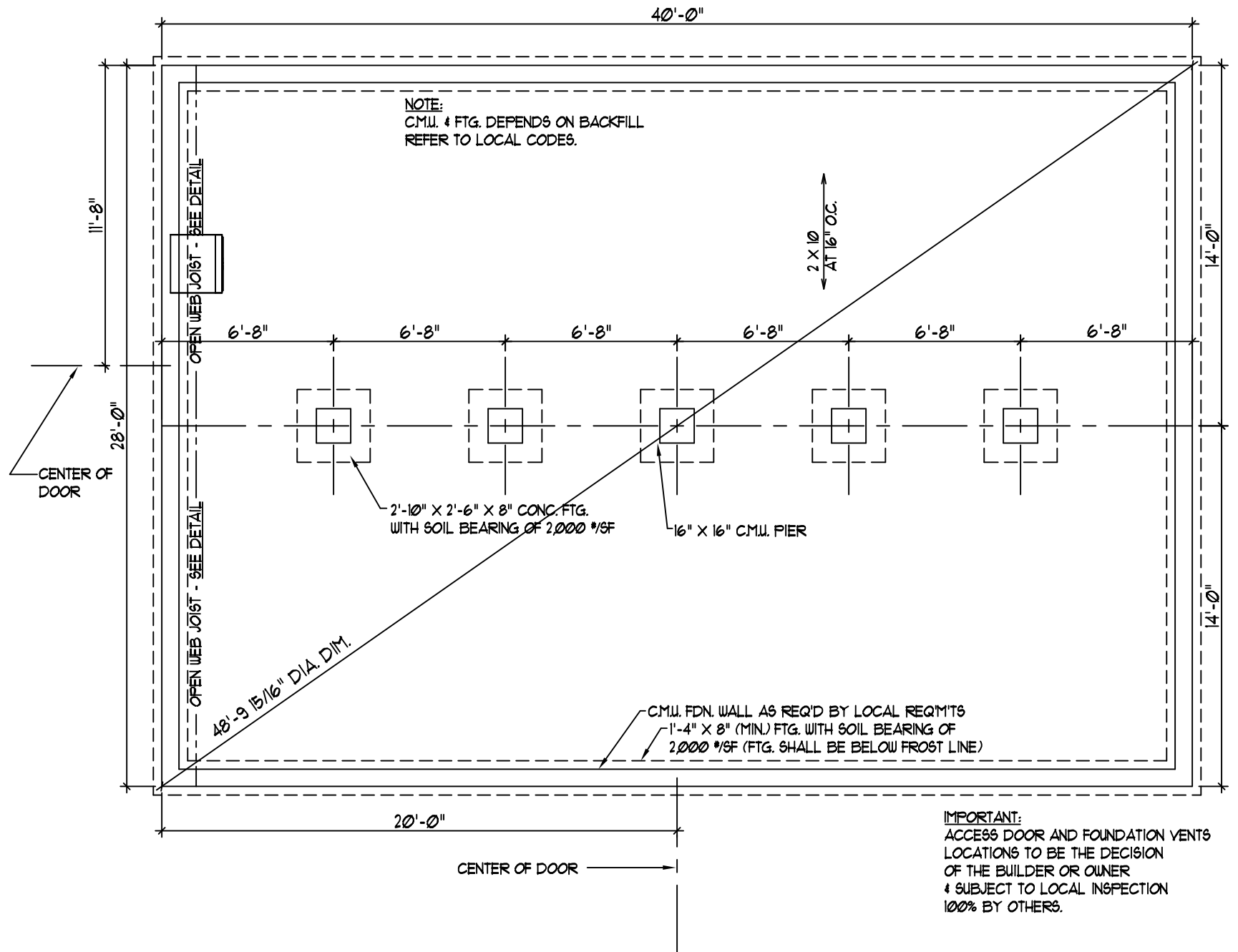
FLOOR TO FOUNDATION SITE CONNECTIONS USING 1/2" ANCHOR BOLTS

NOTES:

- 1.) THIS FOUNDATION IS BASED UPON THE FOLLOWING LOADING CONDITIONS:
 ROOF LIVE LOAD: 23 P.S.F.
 FLOOR LIVE LOAD: 40 P.S.F.
 WIND LOADING: 100 M.P.H.
 MINIMUM ALLOWABLE SOIL BEARING: 2,000 P.S.F.

IF THESE CONDITIONS CANNOT BE VERIFIED (FIELD), THEN THE FOUNDATION MUST BE ADJUSTED BY A REGISTERED ENGINEER OR ARCHITECT IN ACCORDANCE WITH GOOD ENGINEERING PRACTICE.

- 2.) ALL CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH (f_c) OF 2,500 P.S.I. ALL STEEL TO BE GRADE 40 OR BETTER. STEEL MUST COMPLY WITH ASTM A615.
- 3.) ALL MASONRY UNITS ARE TO BE LAID IN TYPE "M" OR "S" MORTAR. HOLLOW MASONRY PIERS TO BE CAPPED WITH 4" SOLID MASONRY FOR 1 STORY & 8" SOLID MASONRY FOR 2 & 2 1/2 STORIES. SEE APPLICABLE CODES FOR ALTERNATE METHODS.
- 4.) THE CRAWLSPACE MUST BE PROVIDED WITH AN ACCESS PANEL MEASURING 18" X 24". IF MECHANICAL EQUIPMENT IS LOCATED IN CRAWLSPACE AREA, THE ACCESS TO BE 22" WIDE X 30" HIGH MINIMUM.
- 5.) CRAWLSPACE AREA SHALL BE PROVIDED WITH VENTILATION OPENINGS THROUGH THE FOUNDATION WALL. THE MINIMUM NET AREA OF VENTILATION SHALL BE 1 SQ. FT. FOR EACH 150 SQ. FT. OF UNDER FLOOR SPACE. THIS NUMBER MAY BE REDUCED DEPENDING ON LOCAL CODE JURISDICTIONS. THE VENTILATION OPENINGS SHALL BE PLACED WITHIN 3 FEET OF EACH CORNER OF THE BUILDING AND MAY BE CORROSION-RESISTANT WIRE MESH WITH THE LEAST DIMENSION BEING 1/8". EXCEPTIONS EXIST THAT MAY REDUCE THE NUMBER OF FOUNDATION VENTS, TYPE OF VENT OR REQUIRE AN APPROVED VAPOR BARRIER IT THE RESPONSIBILITY OF THE BUILDER OR OWNER TO COMPLY WITH LOCAL CODES & REQUIREMENTS.
- 6.) ALL FOOTINGS SHALL BE SUPPORTED ON UNDISTURBED SOIL OR ENGINEERED FILL. EXTERIOR FOOTINGS SHALL EXTEND BELOW APPLICABLE FROST LINE AND AT LEAST 12" BELOW THE UNDISTURBED SOIL. SEE APPLICABLE CODE FOR EXCEPTIONS.
- 7.) FINISH GRADE SHALL FALL AWAY A MINIMUM OF 6 INCHES WITHIN THE FIRST 10 FEET.
- 8.) PROVIDE TERMITE SHIELDS AS REQUIRED BY LOCAL CODE AND SUSCEPTIBLY.
- 9.) FOUNDATION TO BE COMPLETED BY BUILDER INCLUDING FOOTING DRAINS, VAPOR BARRIER, SILL PLATES, WATER-PROOFING, INSULATION, BACKFILL AND ALL FINISH WORK. ALL WORK MUST COMPLY WITH STATE AND LOCAL CODES AS WELL AS PROFESSIONAL STANDARDS.

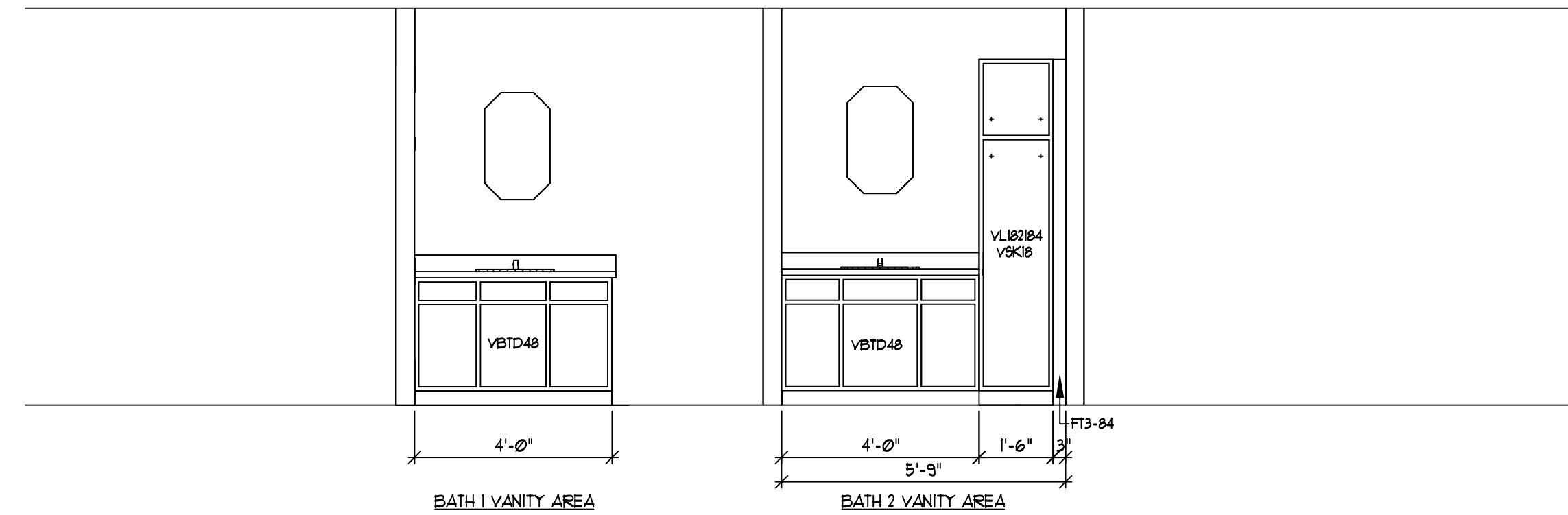
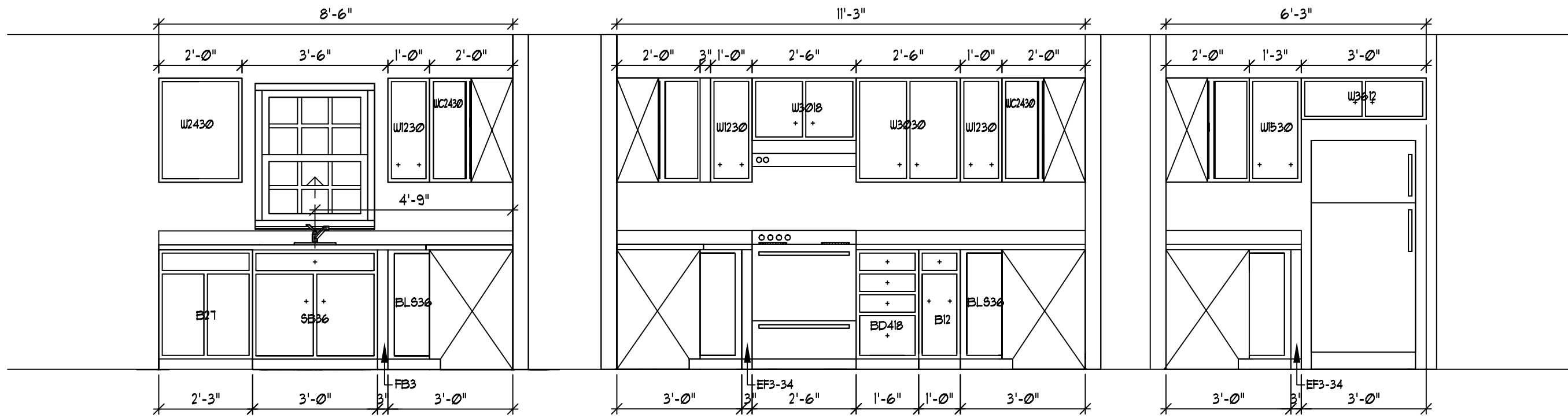


****NOT FOR CONSTRUCTION****



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 752 SQ. FT. - ATTIC

IMPORTANT:
 ACCESS DOOR AND FOUNDATION VENTS LOCATIONS TO BE THE DECISION OF THE BUILDER OR OWNER & SUBJECT TO LOCAL INSPECTION 100% BY OTHERS.

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