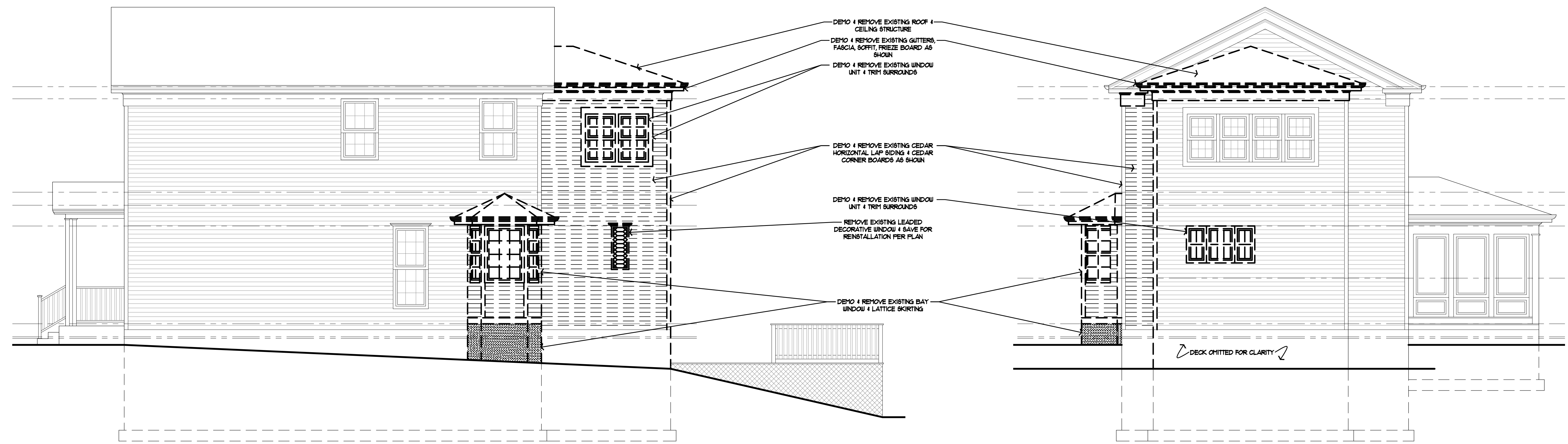


PROPOSED RIGHT ELEVATION
SCALE: 1/4"=1'-0"

PROPOSED REAR ELEVATION
SCALE: 1/4"=1'-0"



DEMO RIGHT ELEVATION
SCALE: 1/4"=1'-0"

DEMO REAR ELEVATION
SCALE: 1/4"=1'-0"

RESUBMITTAL SET
OCTOBER 12, 2023

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THE BROUN RESIDENCE
8 SOUTH COLUMBIA STREET
NAPEVILLE, ILLINOIS
1280 SQ. FT. TWO-STORY ADDITION

CELEBRATING OVER 27 YEARS IN BUSINESS
JB ARCHITECTURE
DESIGN · BUILD
1320 NORTH ROUTE 59
SUITE 124
NAPEVILLE, ILLINOIS
630.357.8100

DATE: JULY 25, 2023
DRAWN BY: JMT & AJL
CHECKED BY: JAB

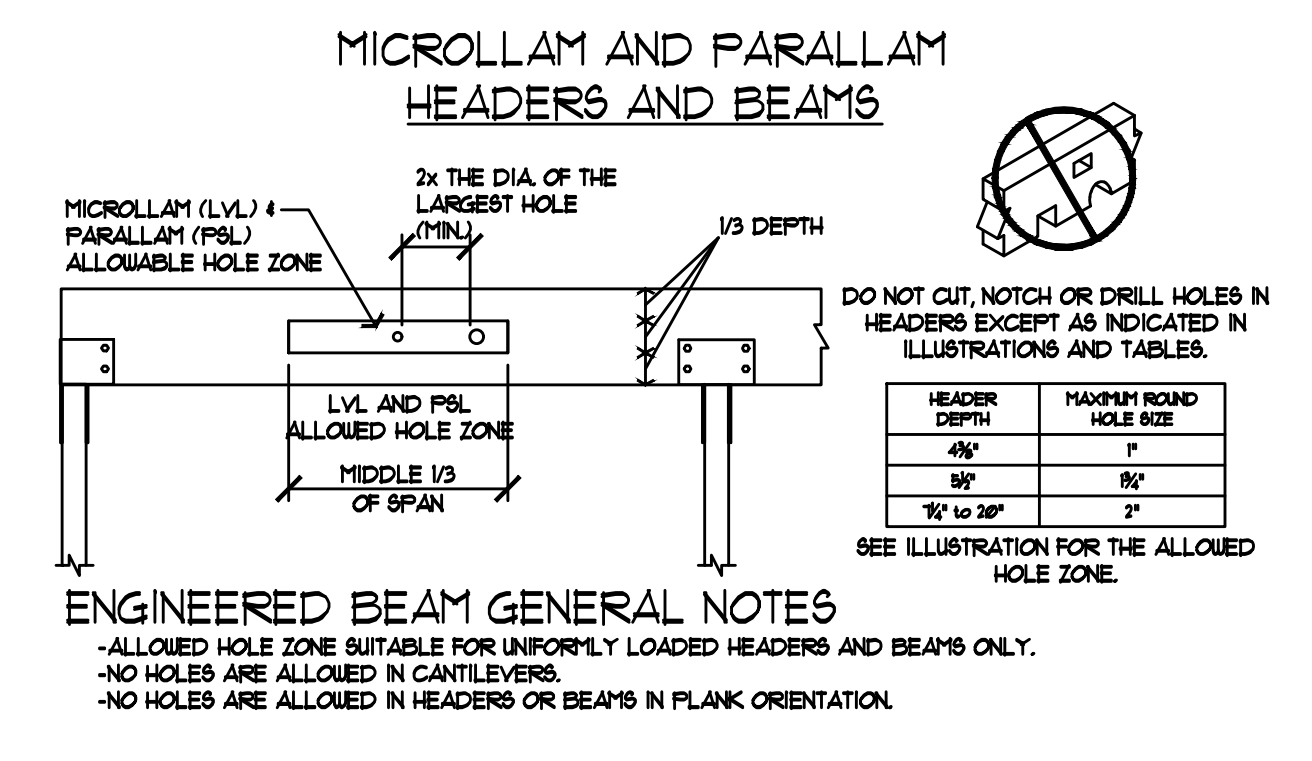
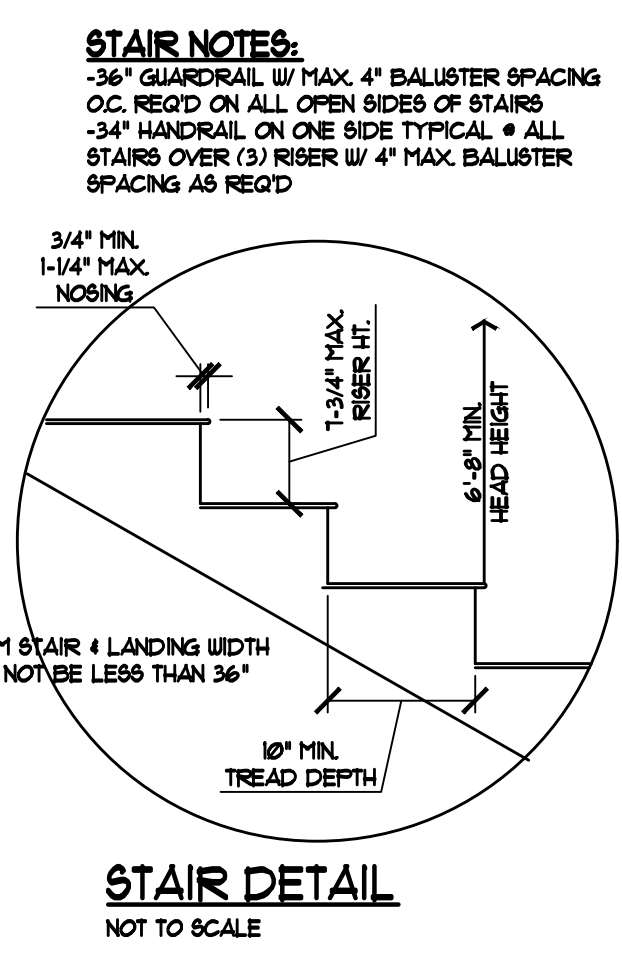
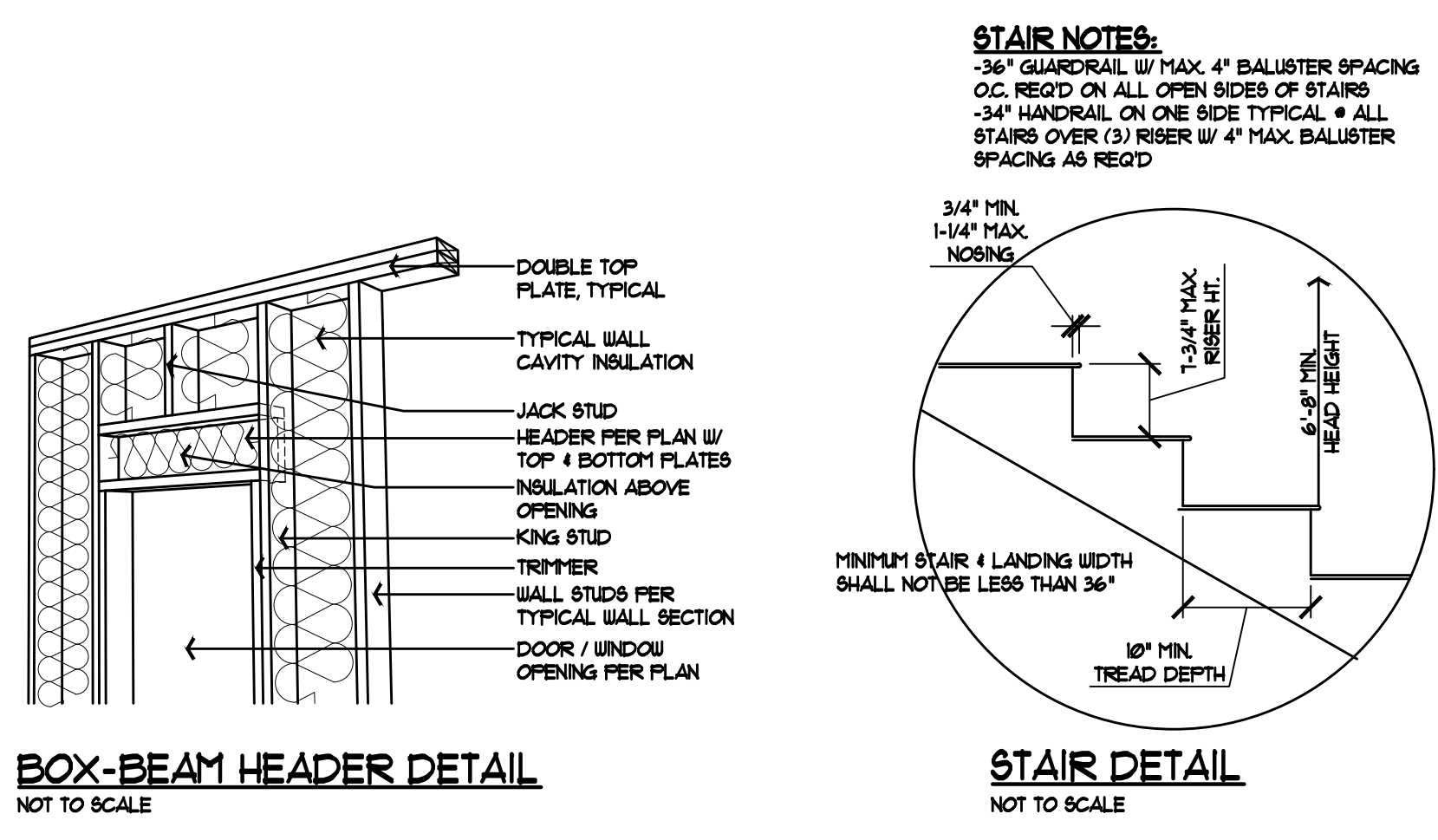
REVISIONS:
REVISIONS PER CITY REVIEW - JMT
OCTOBER 12, 2023

JOB NUMBER: JB2024

PROFESSIONAL ARCHITECT
JONATHAN BERTZ
001-111847
SIGNED: 10/12/2023
EXPIRES: 11/30/2024

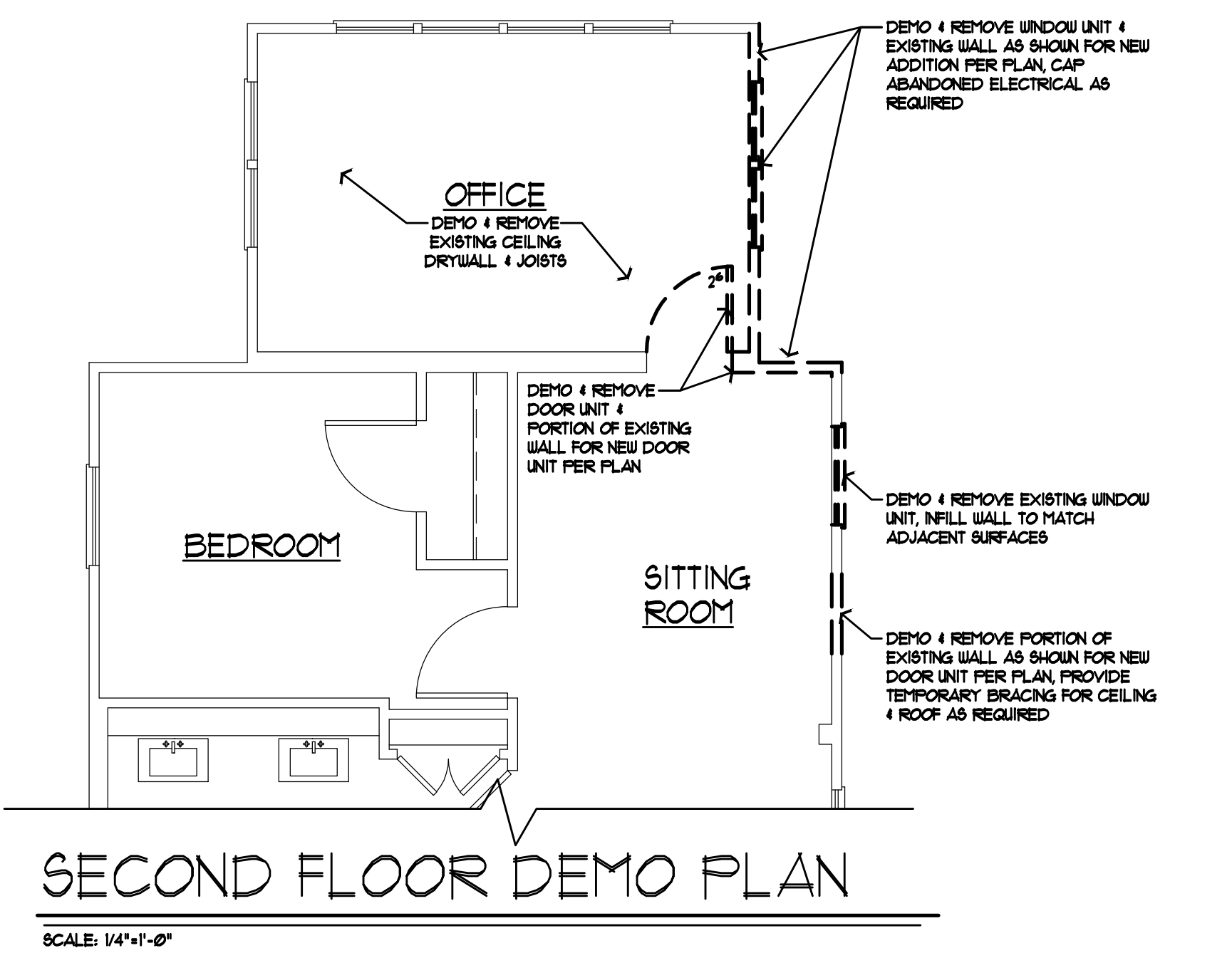
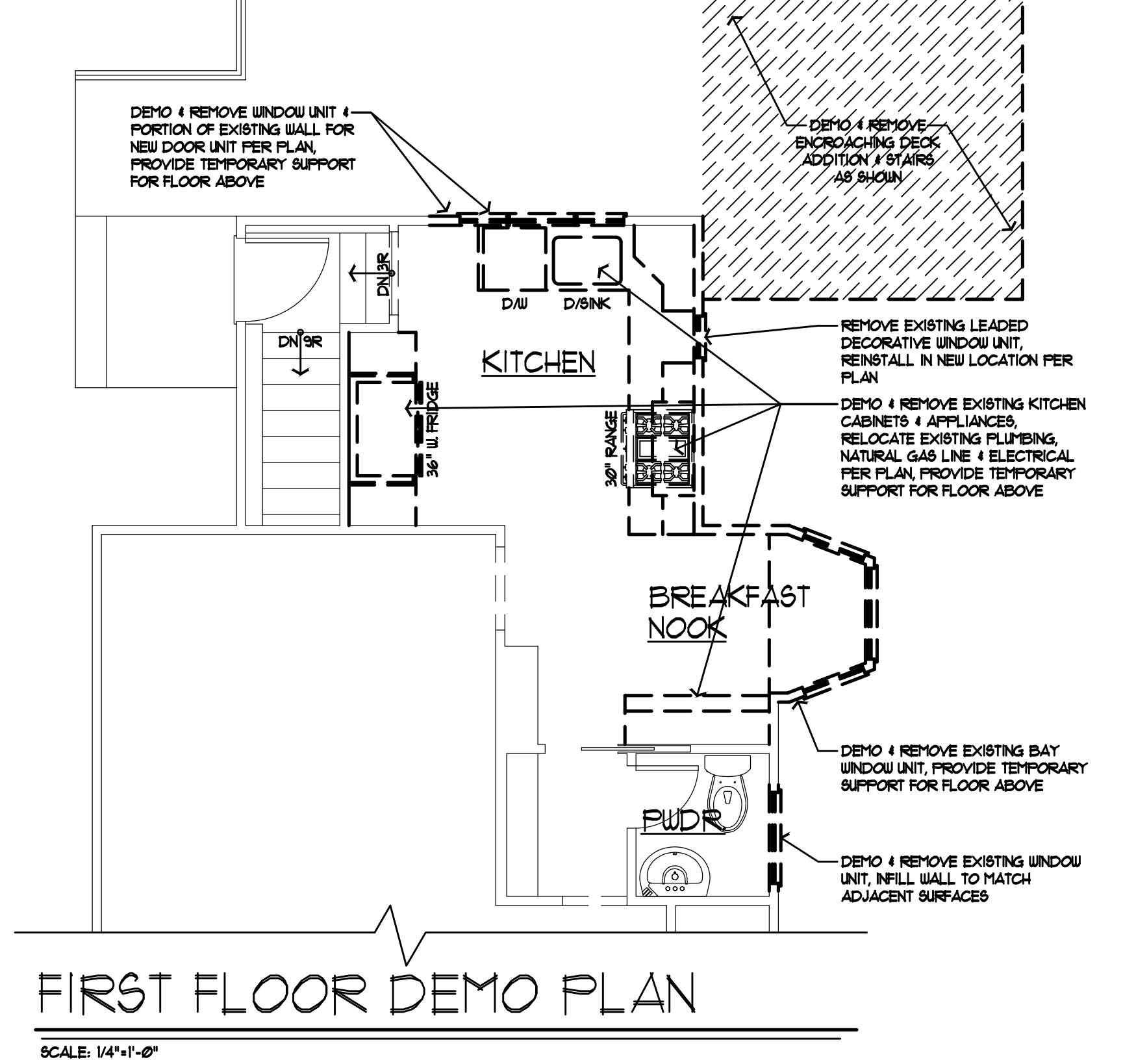
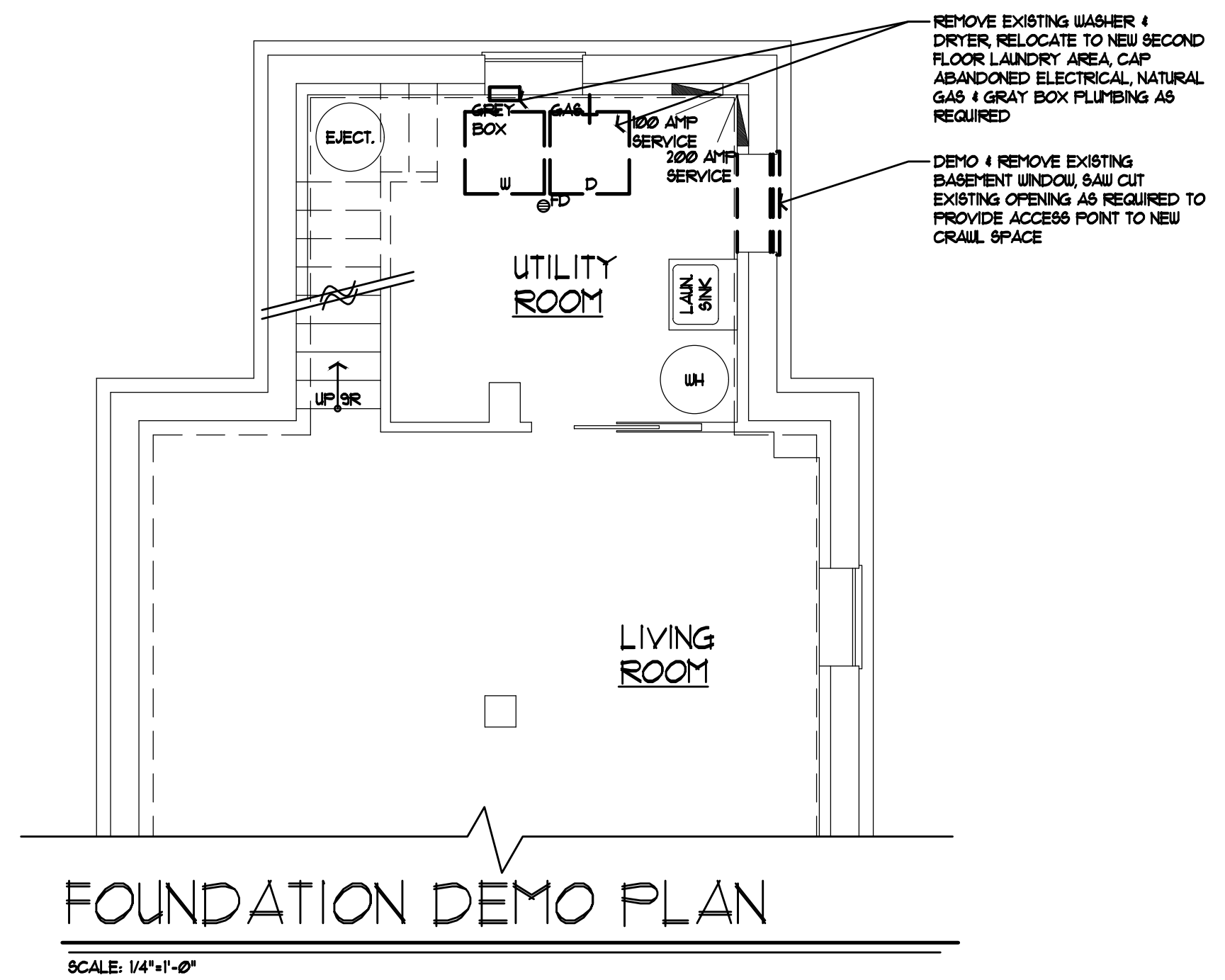
25th ANNIVERSARY
1993-2018

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ENGINEERED BEAM GENERAL NOTES

- ALLOWED HOLE ZONE SUITABLE FOR UNIFORMLY LOADED HEADERS AND BEAMS ONLY.
- NO HOLES ARE ALLOWED IN CANTILEVERS.
- NO HOLES ARE ALLOWED IN HEADERS OR BEAMS IN PLANK ORIENTATION.

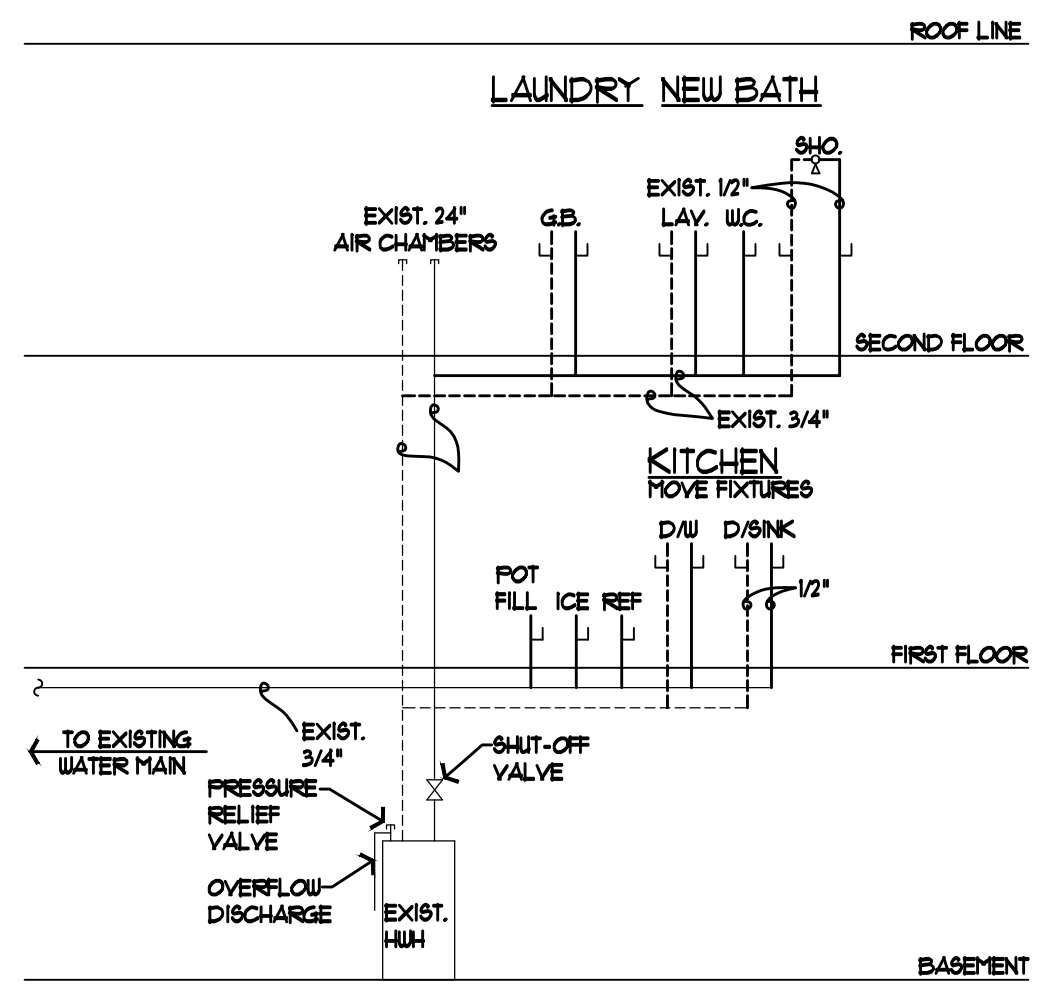
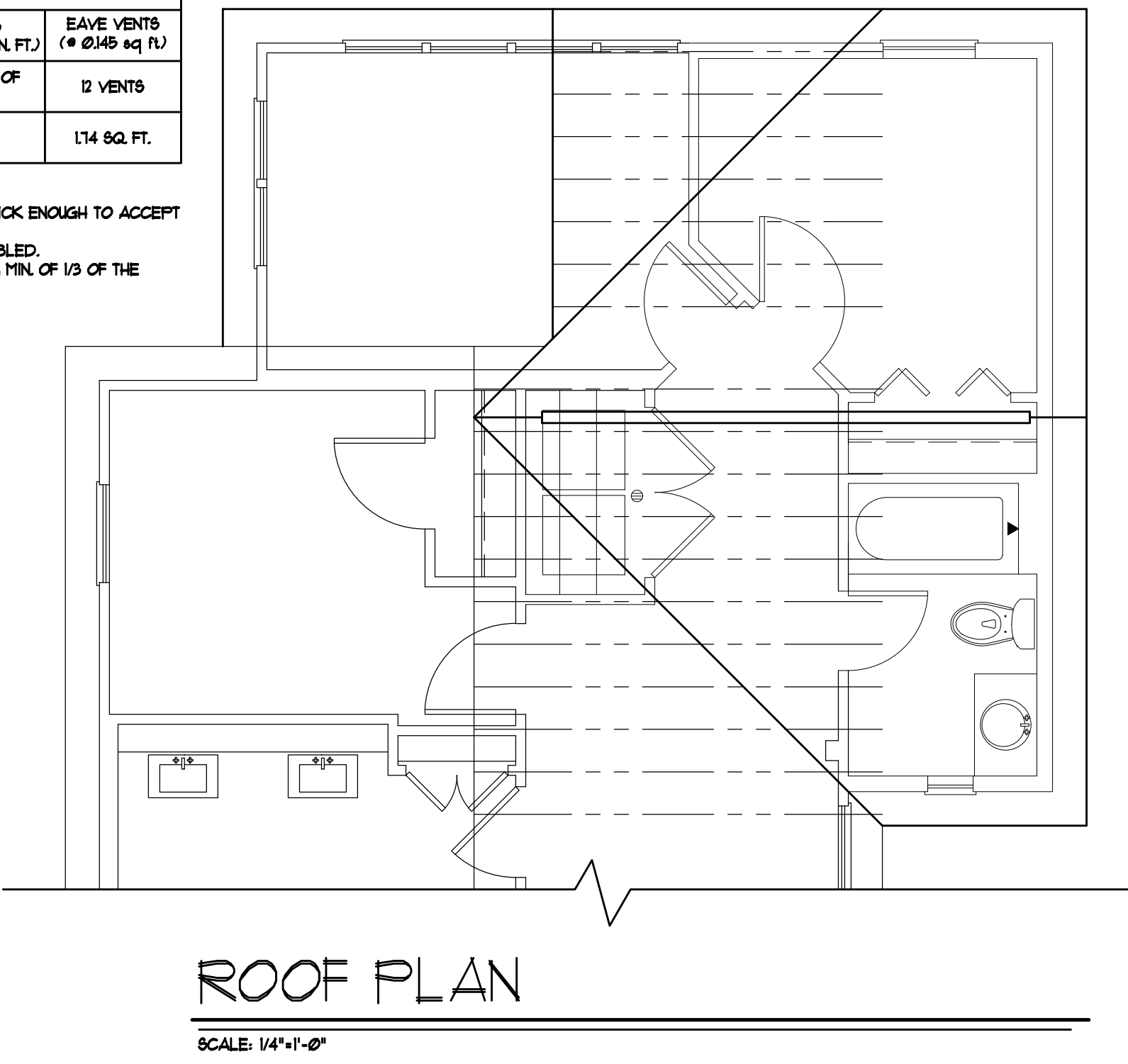


ADDITIONAL ROOF VENTS
(PER SECTION R-806 IN 2018 IRC)

ADDITIONAL ATTIC AREA	SO. FT. OF VENT REQ'D. (1:320)	VENT SUPPLIED	
1/4 SQ. FT.		RIDGE VENTS (# @ 125 SQ. FT. / LN. FT.)	EAVE VENTS (# @ 145 sq ft.)
344 SQ. FT.	3.49 SQ. FT.	14 LINEAR FEET OF RIDGE VENT	12 VENTS
		175 SQ. FT.	174 SQ. FT.

ROOF NOTES:

- ALL RIDGE, HIP, AND VALLEY MEMBERS SHALL BE THICK ENOUGH TO ACCEPT FULL BEARING FROM RAFTERS.
- ALL LIVE VALLEYS OVER 12'-0" LONG SHALL BE DOUBLED.
- 2x6 COLLAR TIES TO BE INSTALLED @ 4'-0" O.C. AT A MIN. OF 1/3 OF THE HEIGHT DOWN FROM THE RIDGE.

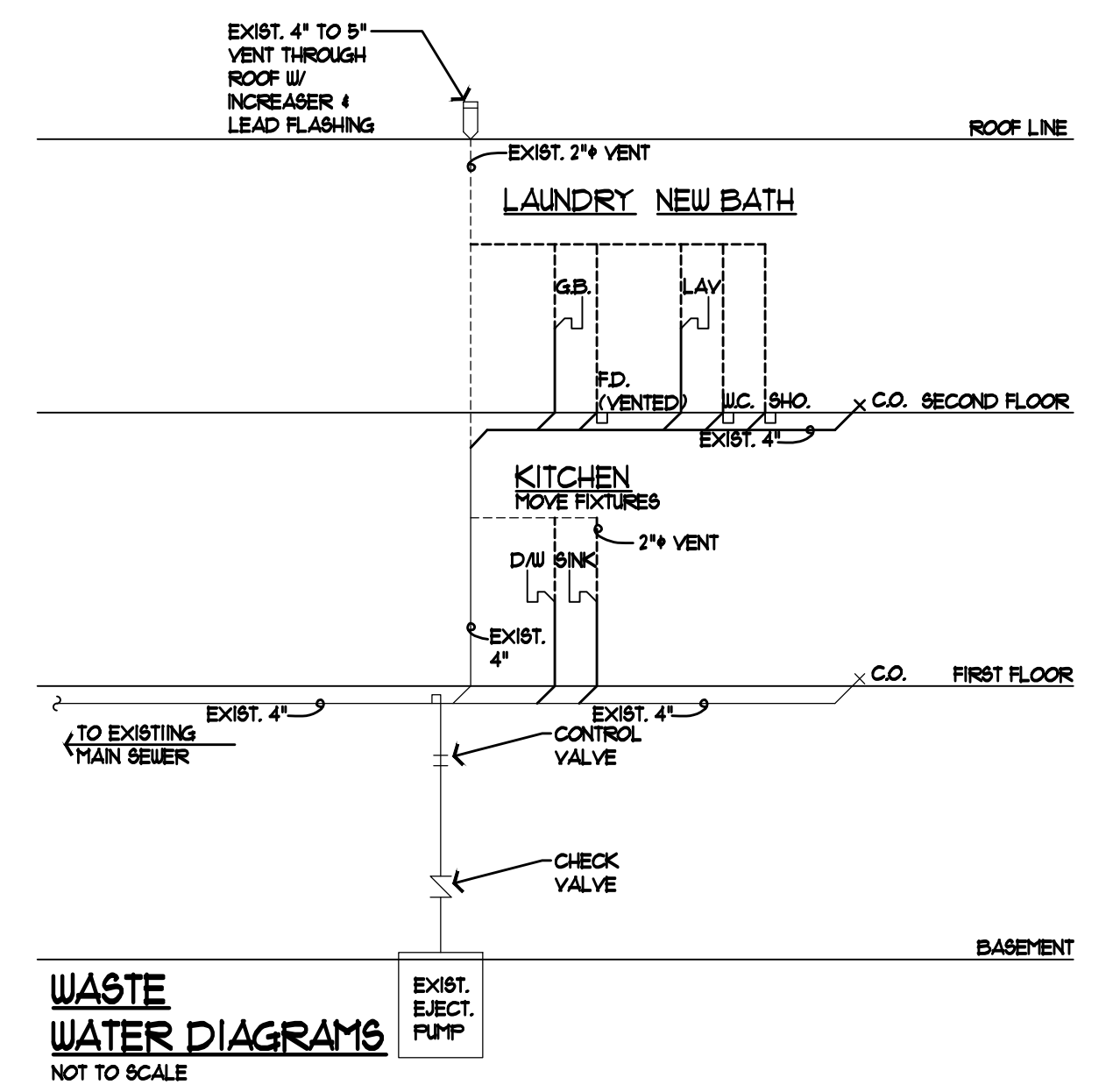


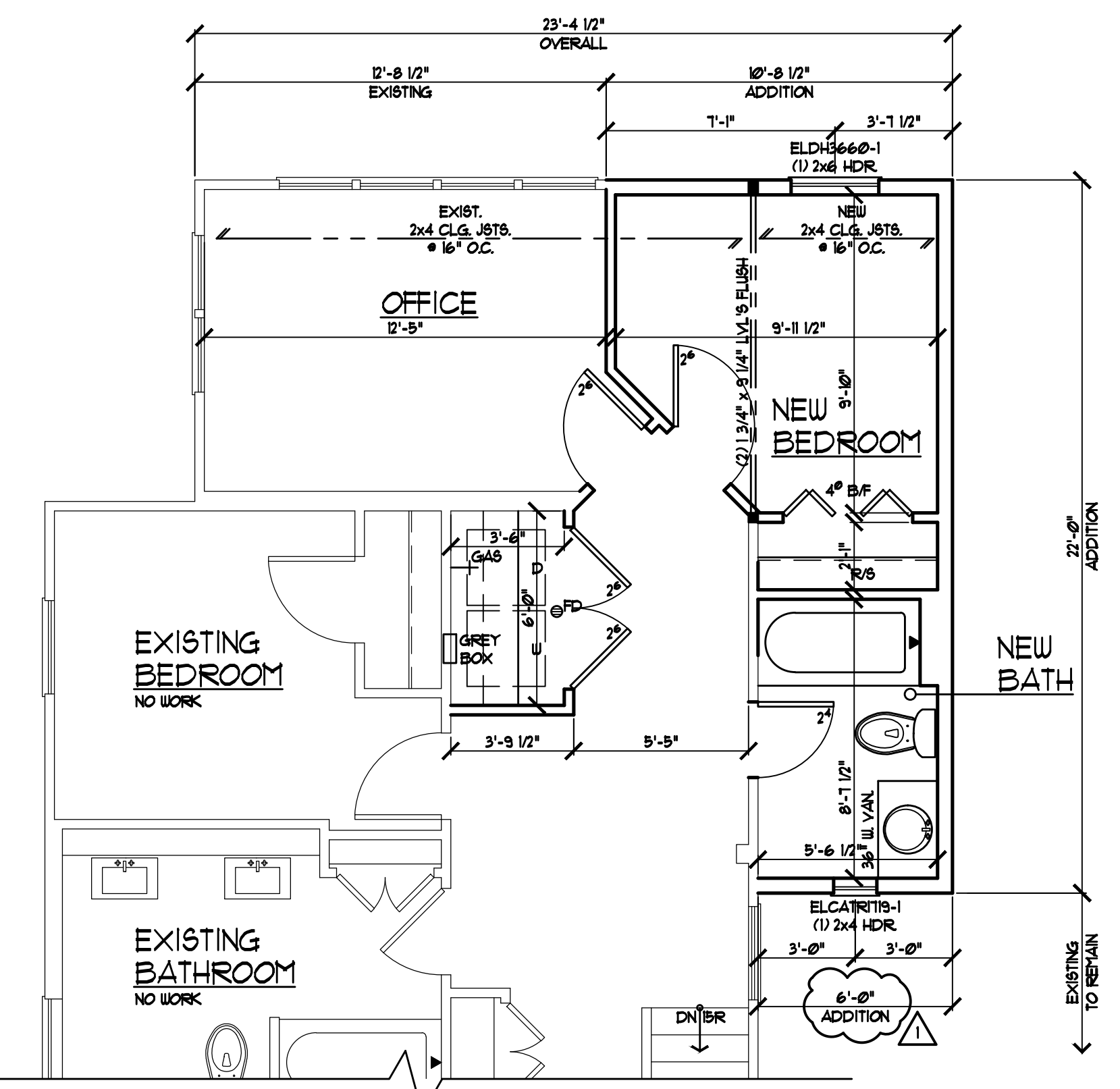
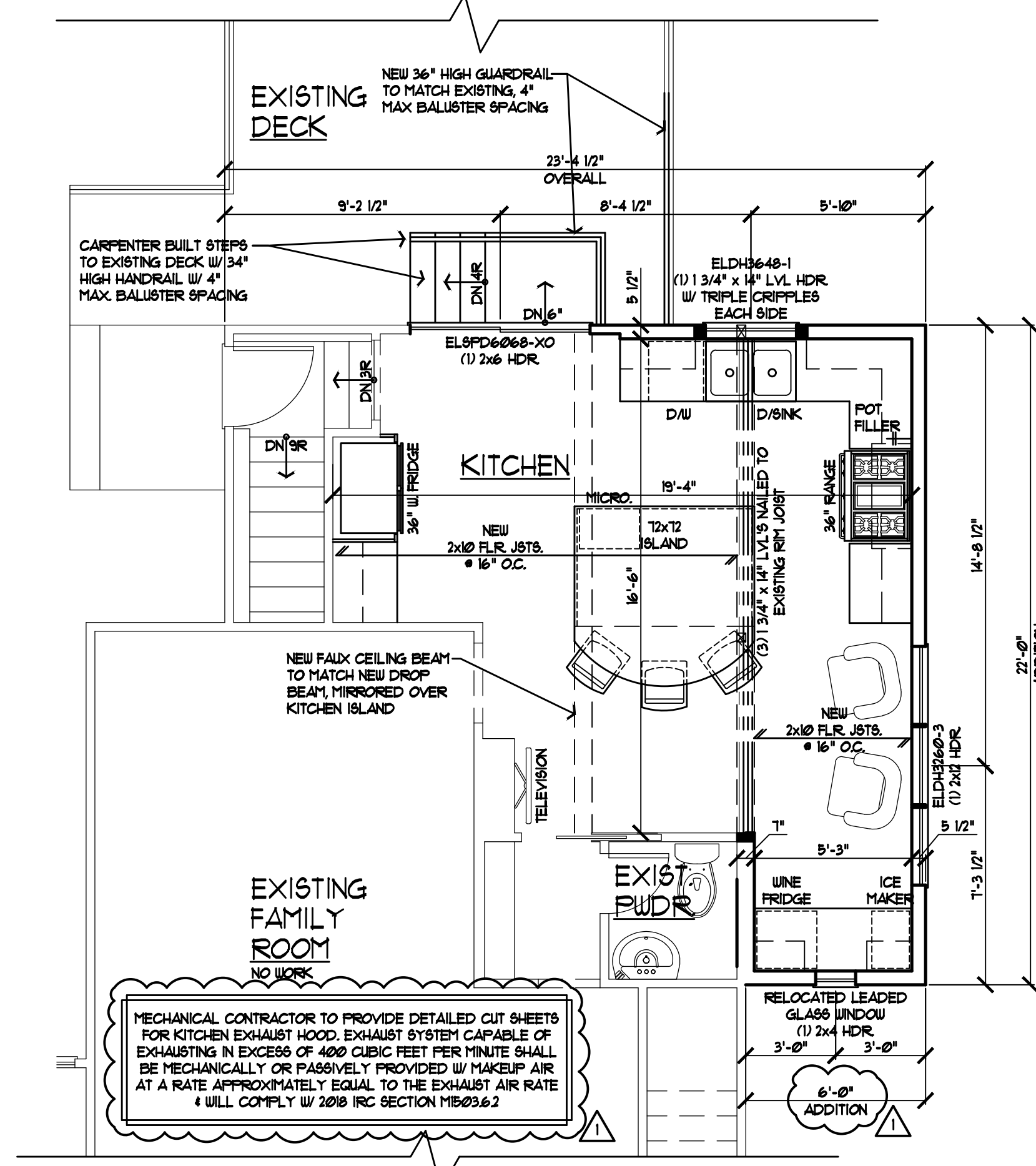
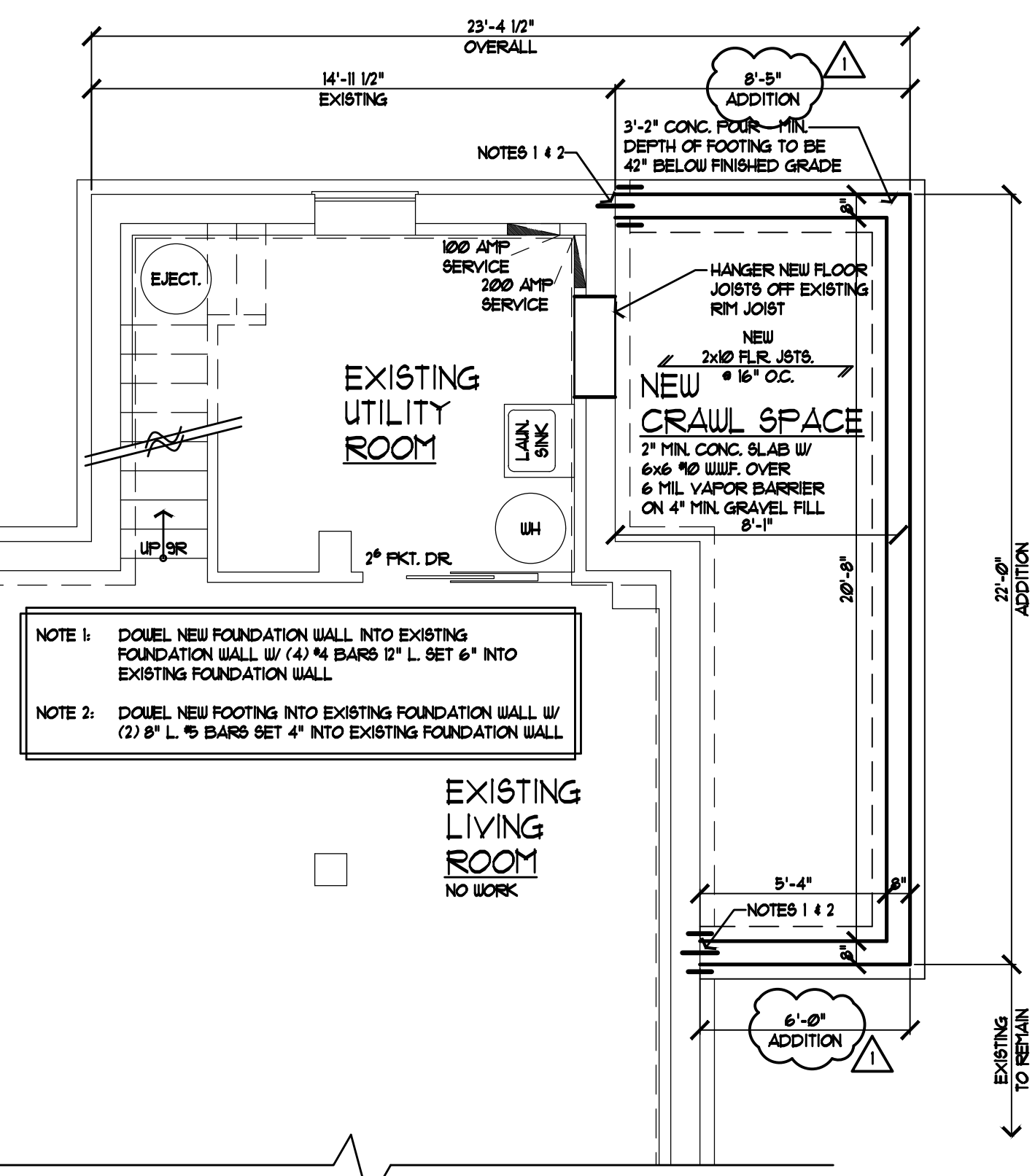
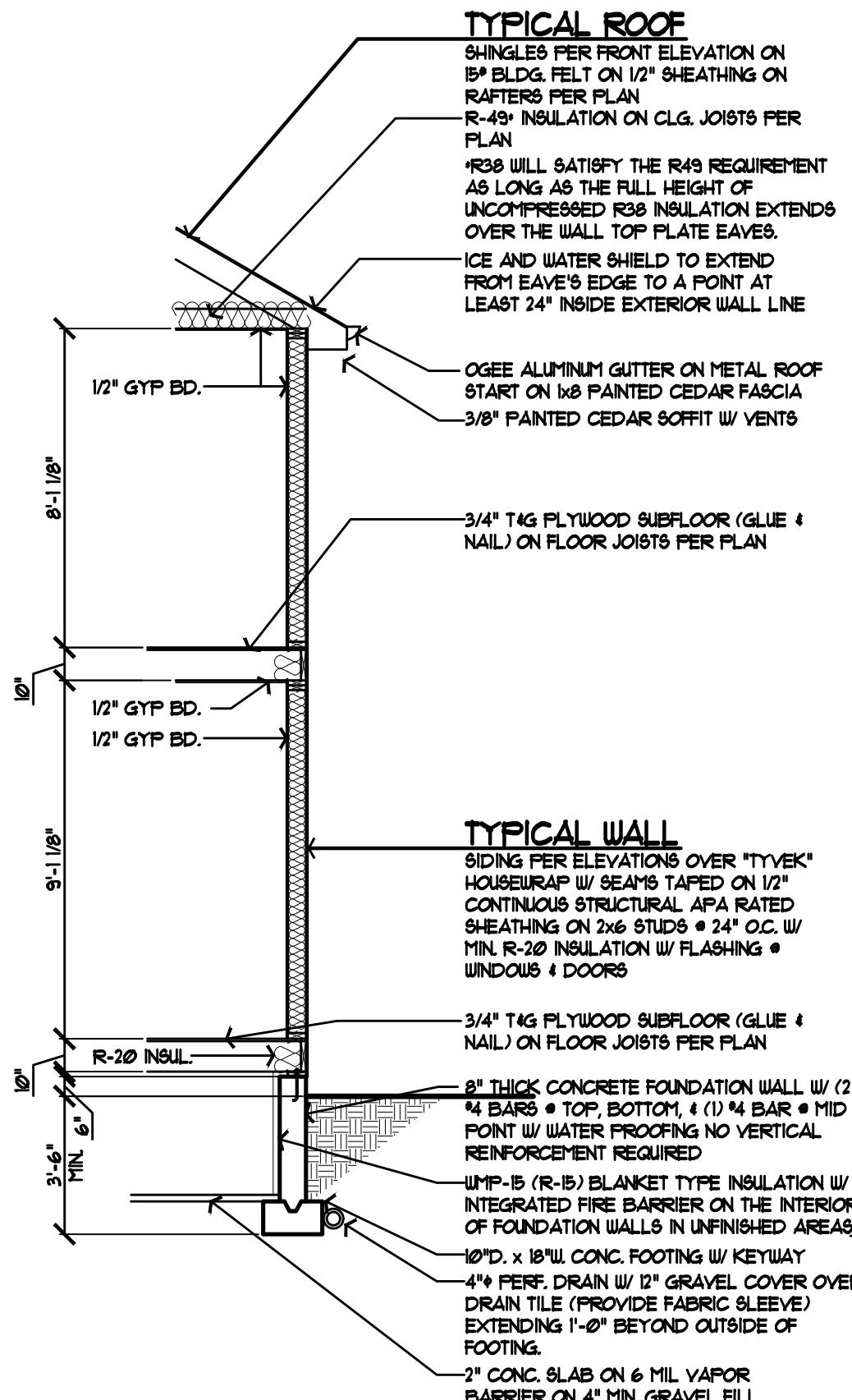
PLUMBING NOTES:

- ALL POTABLE WATER DISTRIBUTION PIPING TO BE TYPE 1/2" COPPER.
- ALL RISERS TO HAVE 2" AIR CHAMBER. ALL FIXTURES TO HAVE 1" AIR CHAMBER SHUTOFF ON ALL RISERS & BRANCHES.
- ALL VENT AND WASTE PIPE TO BE SCHEDULE 40 PVC ASTM 2685 PIPE (NO CELLULAR CORE ALLOWED).
- EXISTING SERVICE & WATER METER TO REMAIN PENDING A WATER PRESSURE TEST.

WSFU PER TABLE "M" OF ILLINOIS PLUMBING CODE

FIXTURE	EXISTING QTY. x UNITS	EXISTING WSFU	NEW QTY. x UNITS	NEW WSFU	TOTAL WSFU
LAVATORIES	(2) x 1.0	2.0	(1) x 1.0	1.0	1.0
WATER CLOSETS	(2) x 3.0	6.0	(1) x 3.0	3.0	3.0
SHOWER/BATH	(2) x 2.0	4.0	(1) x 2.0	2.0	2.0
SINK	(1) x 2.0	2.0	(0) x 2.0	0.0	2.0
D/W	(1) x 1.0	1.0	(0) x 1.0	0.0	1.0
GREYBOX	(1) x 2.0	2.0	(0) x 2.0	0.0	2.0
TOTAL EXIST. & NEW WSFU		11.0		6.0	17.0





TYPICAL CRAWL SPACE SECTION
SCALE: 1/4" = 1'-0"

LIGHT AND VENTILATION SCHEDULE

ROOM NAME	AREA (SQ. FT.)	LIGHT (8%)		VENT (4%)		MECH. CFM	
		REQ.	ACT.	REQ.	ACT.	REQ.	ACT.
KITCHEN	307.16	2457	6769	1228	3472	-	-
NEW BEDROOM	92.84	126	1029	3.63	5.78	-	-
NEW BATHROOM	48.21	-	103	-	-	-	80 CFM

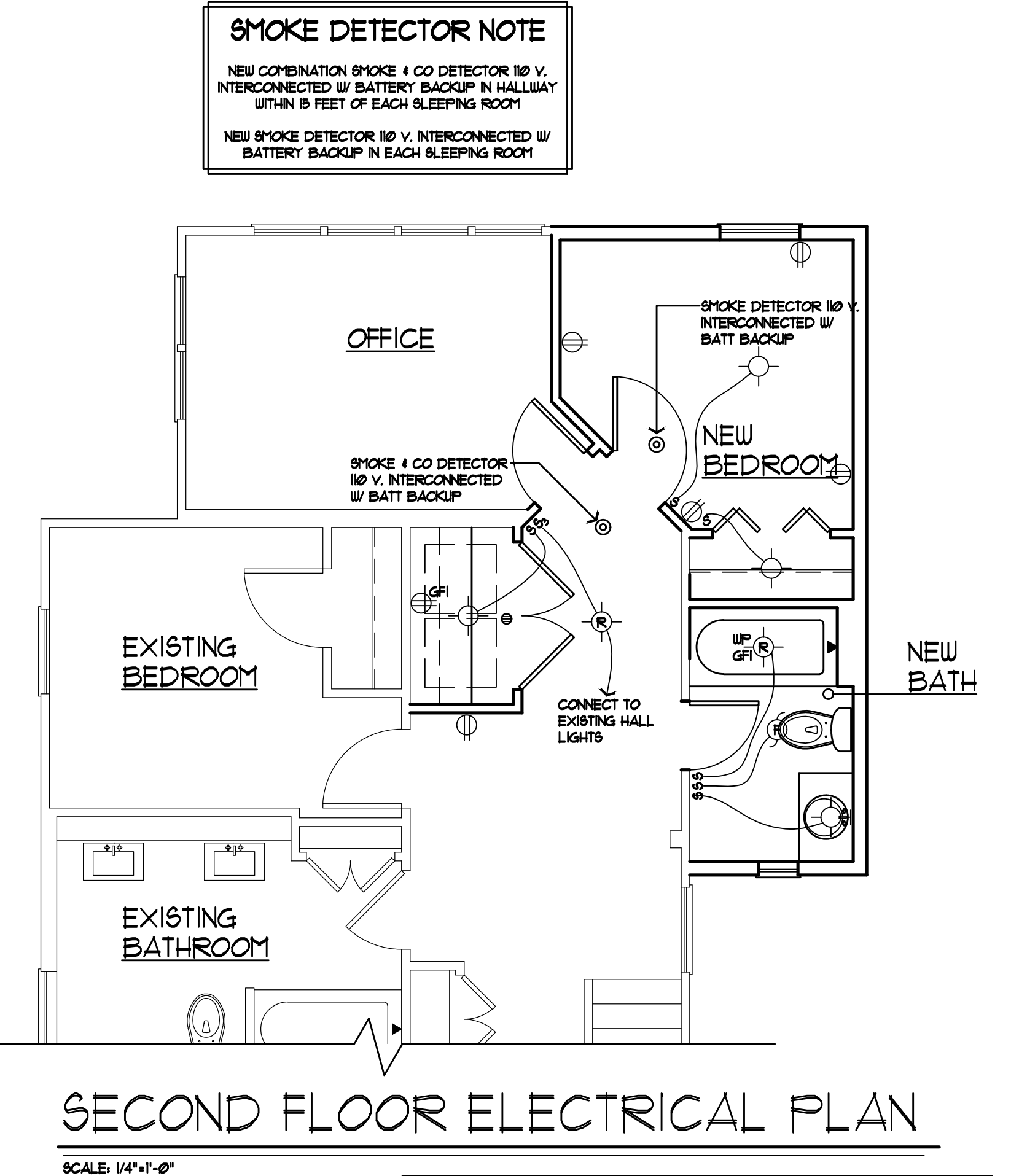
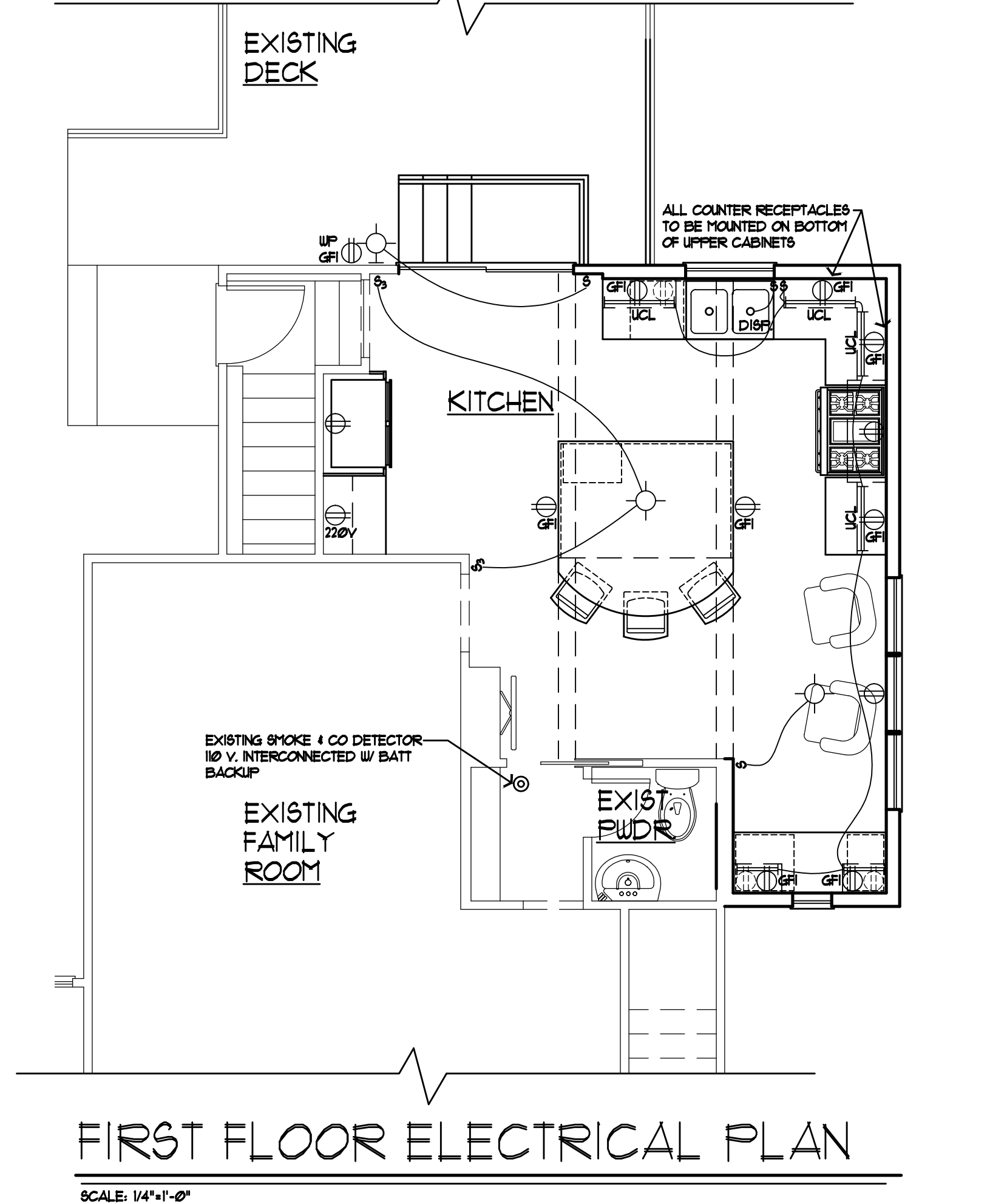
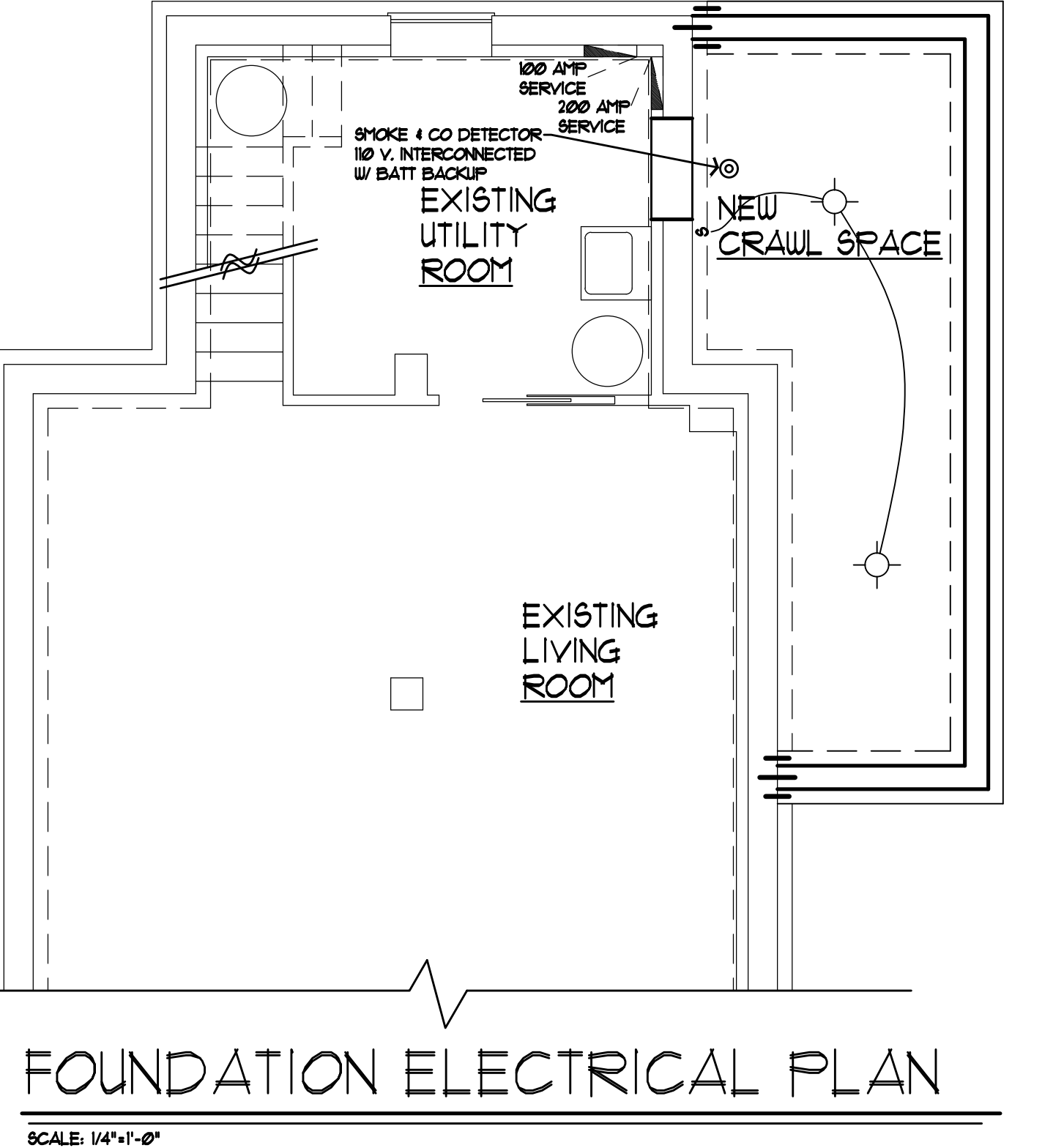
NOTES:
-HVAC SYSTEM SHALL PROVIDE 35 AIR CHANGES PER HOUR FOR AREAS NOT MEETING THE REQUIREMENT FOR NATURAL VENTILATION
-ARTIFICIAL LIGHTING SHALL PROVIDE AN AVERAGE ILLUMINATION OF 6 FOOT CANDLES OVER THE AREA AT A HEIGHT OF 30" ABOVE THE FINISHED FLOOR OF AREAS NOT MEETING THE REQUIREMENT FOR NATURAL LIGHT

ELECTRICAL LEGEND

	CEILING FAN		DUPLEX OUTLET
	WALL MOUNTED LIGHT		SWITCHED DUPLEX OUTLET
	FULL CHAIN LIGHT FIXTURE		GROUND FAULT PROTECTED OUTLET
	CEILING MOUNTED LIGHT		DUPLEX OUTLET HIDDEN IN CONSTRUCTION
	FLUORESCENT LIGHT		SINGLE POLE SWITCH
	RECESSED CAN LIGHT		3-WAY SWITCH
	MINI RECESSED CAN LIGHT		4-WAY SWITCH
	UNDER CABINET LIGHTING		EXHAUST FAN
	COMBINATION FANLIGHT		COMBINATION FANLIGHT

ELECTRICAL NOTES

- ALL SWITCHES SHALL BE LOCATED AT A HEIGHT NOT TO EXCEED 48" AFF. MEASURED FROM FINISHED FLOOR TO CENTER OF SWITCH.
- ALL RECEPTACLES SHALL BE LOCATED AT A HEIGHT OF NOT LESS THAN 18" AFF. MEASURED FROM FINISHED FLOOR TO CENTER OF RECEPTACLE.
- ALL 125 VOLT, 5- AND 20- AMPERE RECEPTACLES SHALL BE TAMPER-RESISTANT RECEPTACLES.
- ALL 125 VOLT, SINGLE PHASE, 15- AND 20- AMPERE RECEPTACLES IN BEDROOMS, FAMILY, DINING, LIVING, PARLORS, LIBRARIES, DINES, SUNROOMS, RECREATION CLOSETS, HALLWAYS, OR SIMILAR ROOMS TO BE ARC-FAULT CIRCUIT INTERRUPTED AS REQUIRED.
- A 125 VOLT, SINGLE PHASE, 15- AND 20- AMPERE RECEPTACLE OUTLET SHALL BE INSTALLED AT AN ACCESSIBLE LOCATION FOR SERVICING OF THE FURNACE ON THE SECOND FLOOR.
- LUMINARIES IN CLOSETS SHALL BE INSTALLED AND COMPLY W/ 2011 NEC 410.
- FOYERS MORE THAN 600 SF, NOT PART OF A HALLWAY, ANY WALL SPACE OF 36" OR MORE REQUIRE AN OUTLET.
- ALL 125 VOLT, 5- AND 20- AMPERE OUTLETS IN GARAGE MUST BE GFI PROTECTED.
- ALL 125 VOLT, 5- AND 20- AMPERE OUTLETS WITHIN 6 FT. OF SINKS (EXCEPT KITCHENS) MUST BE GFI PROTECTED.
- ALL 125 VOLT, 5- AND 20- AMPERE OUTLETS IN UNFINISHED BASEMENT MUST BE GFI PROTECTED.



RESUBMITTAL SET
OCTOBER 12, 2023

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REVISIONS:
CITY REVIEW - JMT
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JOB NUMBER: JB2024

PROFESSIONAL ARCHITECT
JONATHAN A. BERTZ
00111147
SIGNED: 10/20/2023
EXPIRES: 10/20/2024

25th ANNIVERSARY 1998-2023

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