

PROJECT 1: RESIDENTIAL WORKING DRAWING

WILLIAM CORTEZ
CONSTRUCTION DESIGN (ARC 310)
SPRING 2023
PROFESSOR LOPICCOLO

TABLE R301.2(1) CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

GROUND SNOW LOAD ⁱ	WIND SPEED ^d (mph)	SEISMIC DESIGN CATEGORY ^e	SUBJECT TO DAMAGE FROM			ICE BARRIER UNDERLAYMENT REQUIRED ^g	FLOOD HAZARDS ^f
			Weathering ^a	Frost line depth ^b	Termite ^c		
20	130	C	SEVERE	3'	HEAVY	YES	C

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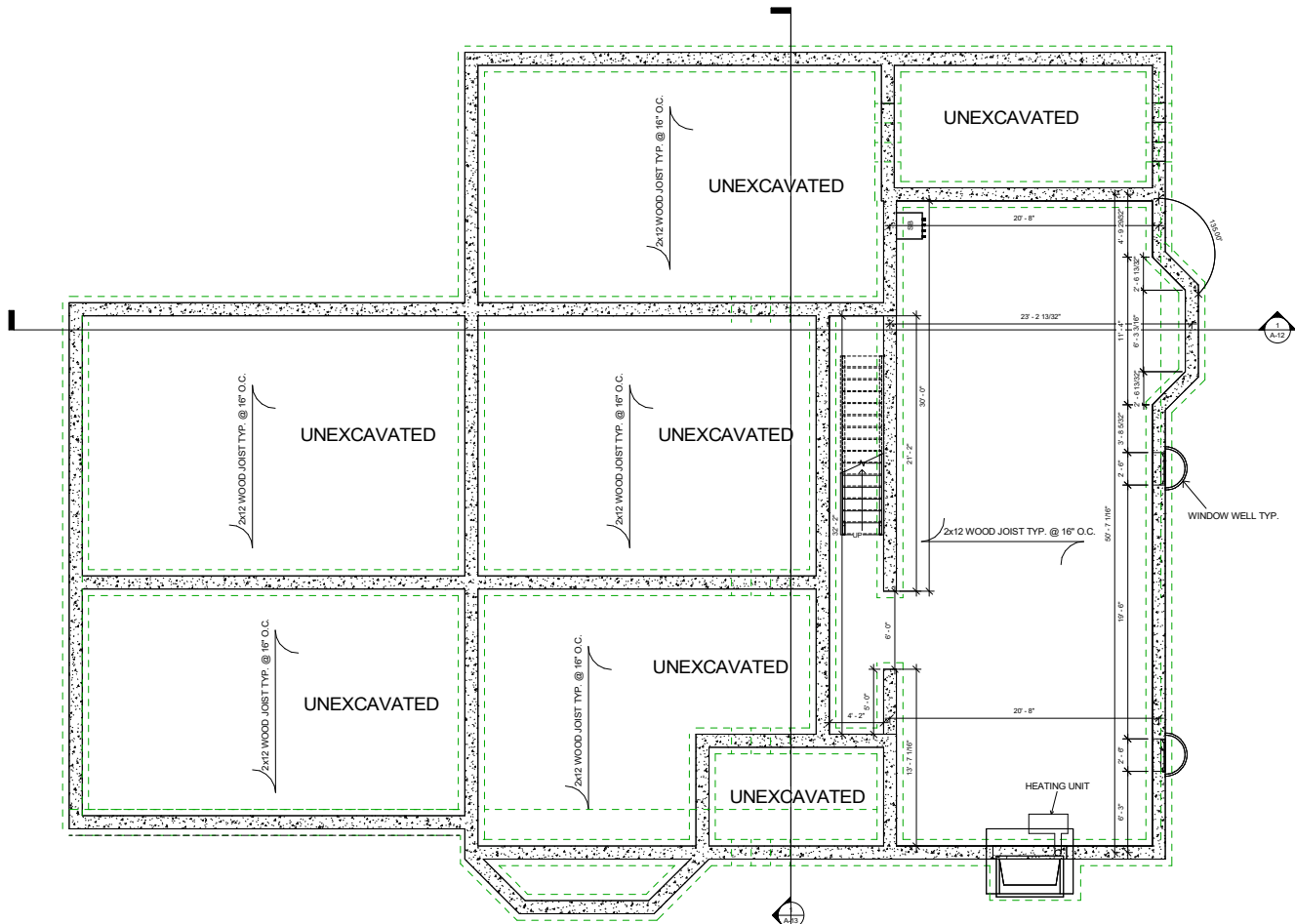
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TITLE SHEET

A-00



FOUNDATION FLOOR LEVEL
1/4" = 1'-0"



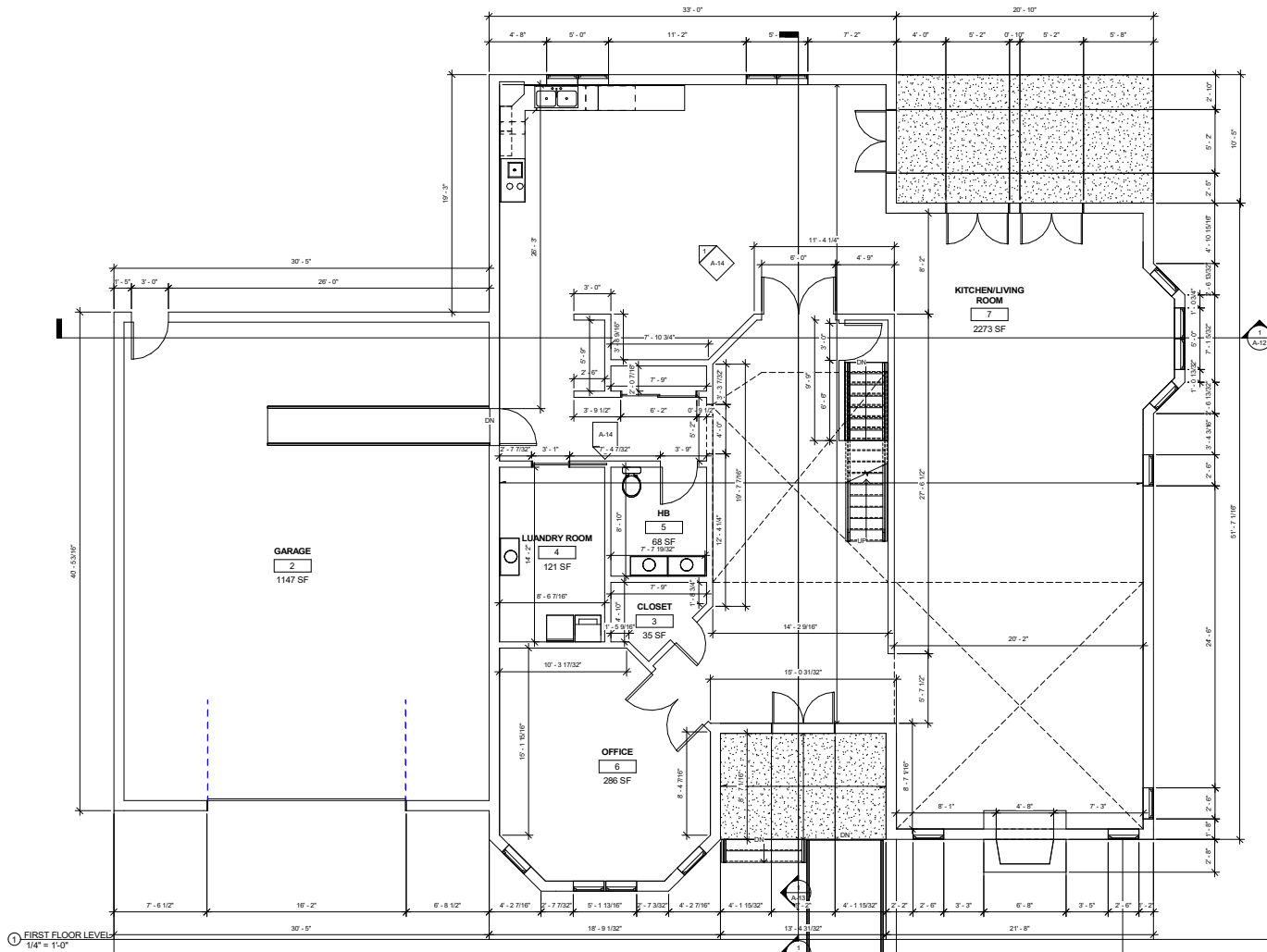
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FOUNDATION FLOOR PLAN
SCALE: 1/4"= 1'-0"

A-02



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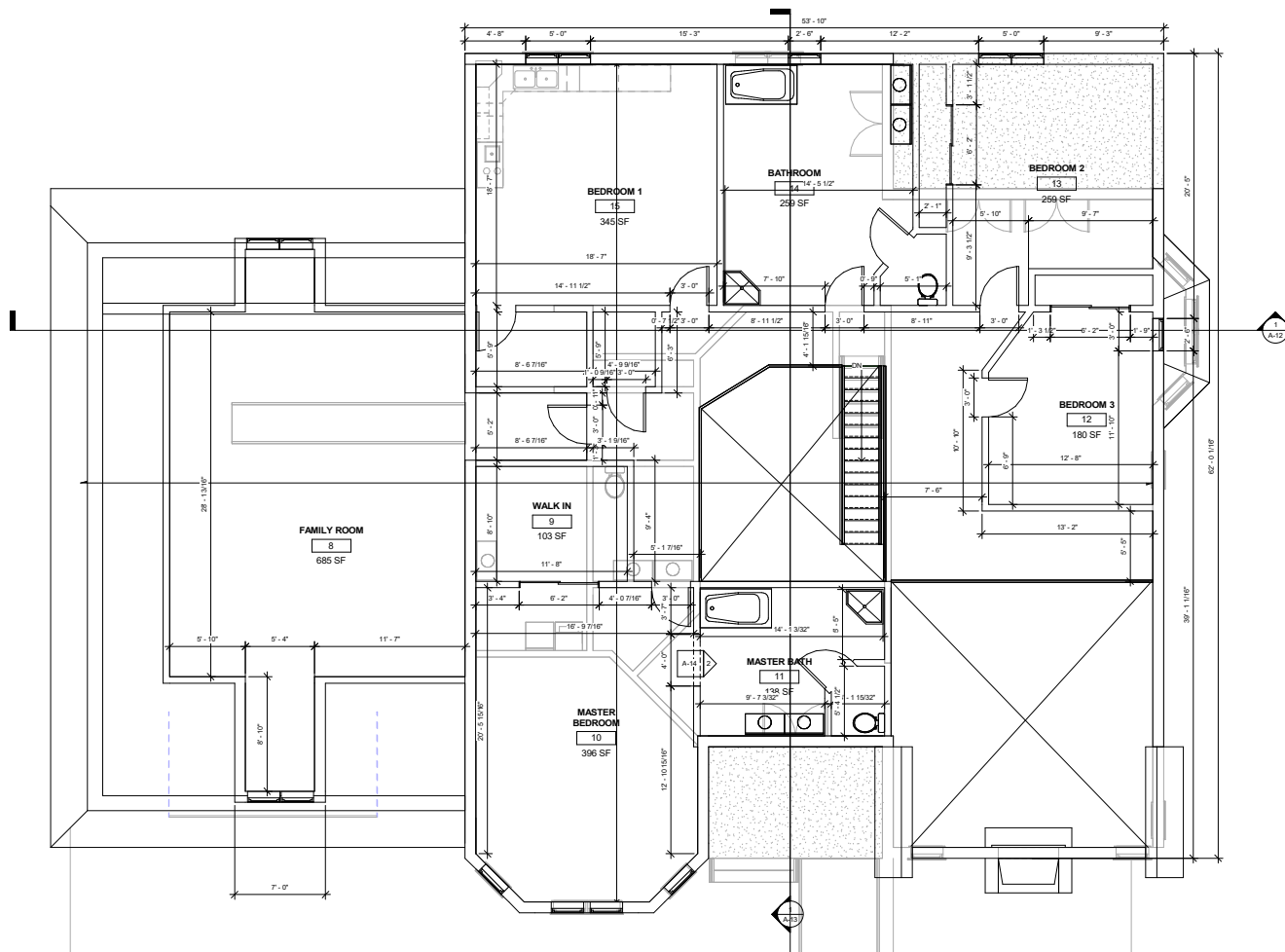
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FIRST FLOOR PLAN
SCALE: 1/4"=1'-0"

A-03



① SECOND FLOOR LEVEL
1/4" = 1'-0"

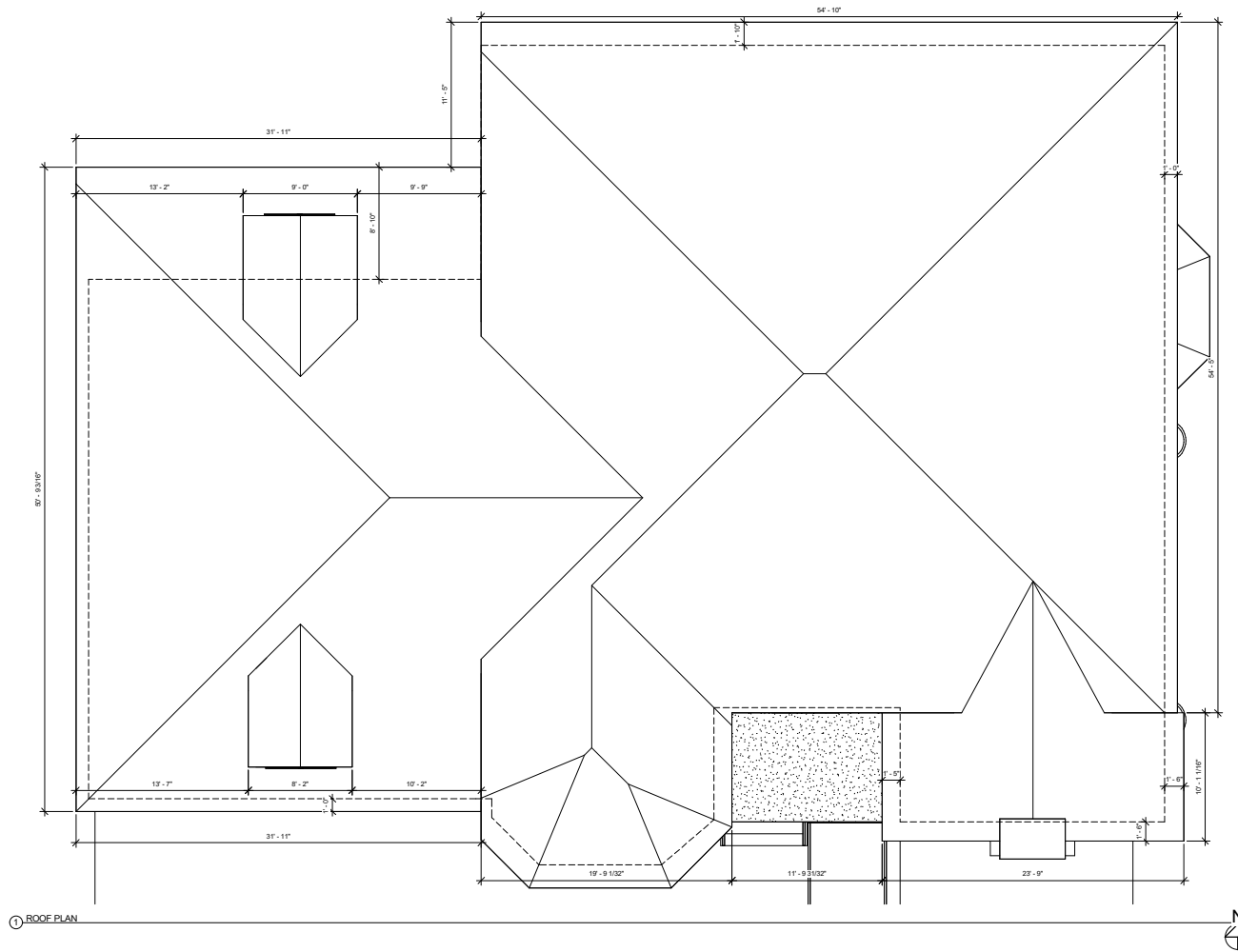
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SECOND FLOOR PLAN
SCALE: 1/4"=1'-0"

A-05



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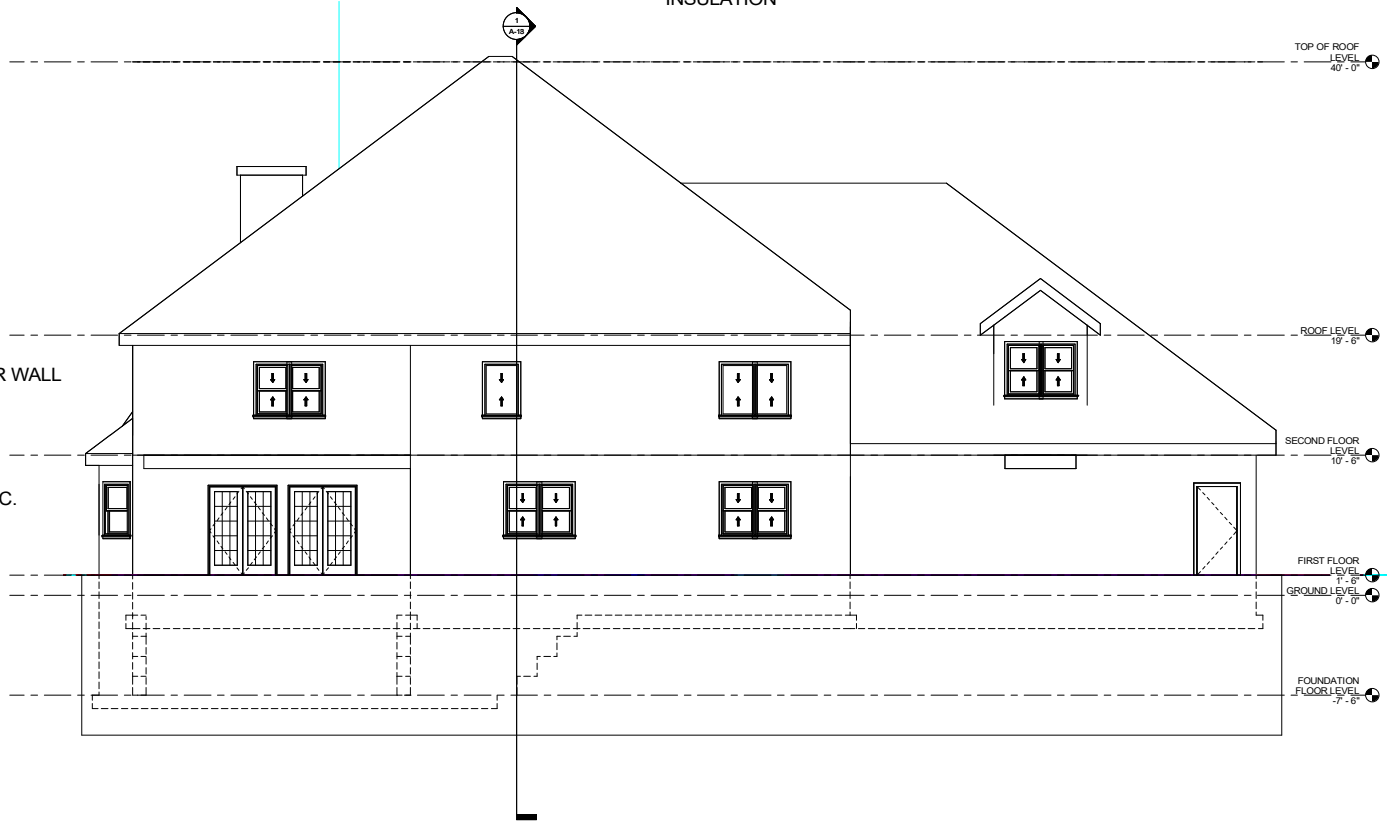
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ROOF PLAN
SCALE: 1/4"=1'-0"

A-06

ARCHITECTUTAL ASPHALT SHINGLES
 1/2 PLYWOOD
 2X12 R.R. @ 16" O.C.
 INSULATION

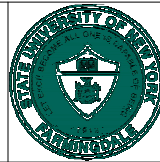
TYPICAL EXTERIOR WALL
 VINYL SIDING
 AIR GAP
 3" SPACERS
 HOUSE WRAP
 PLYWOOD
 2X6 STUD @ 16" O.C.
 INSULATION
 3/8" GYPSUM BOARD



North
 1/4" = 1'-0"

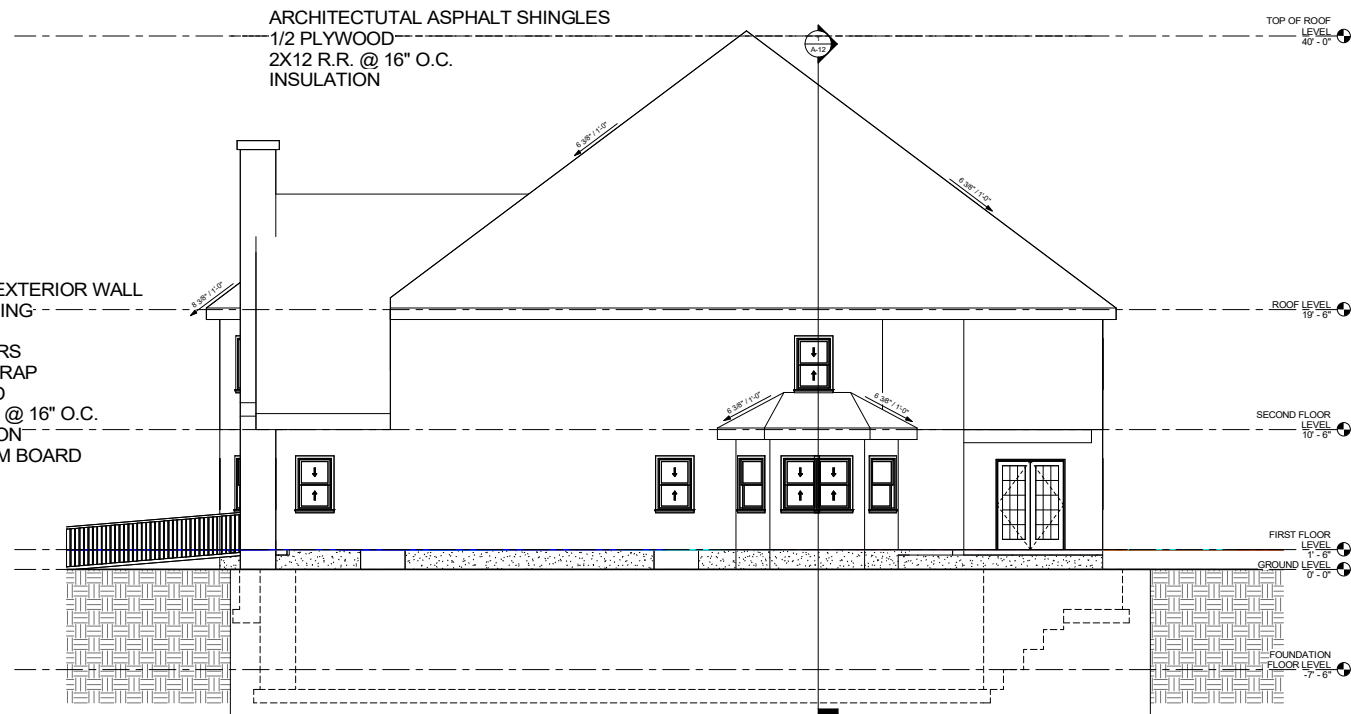
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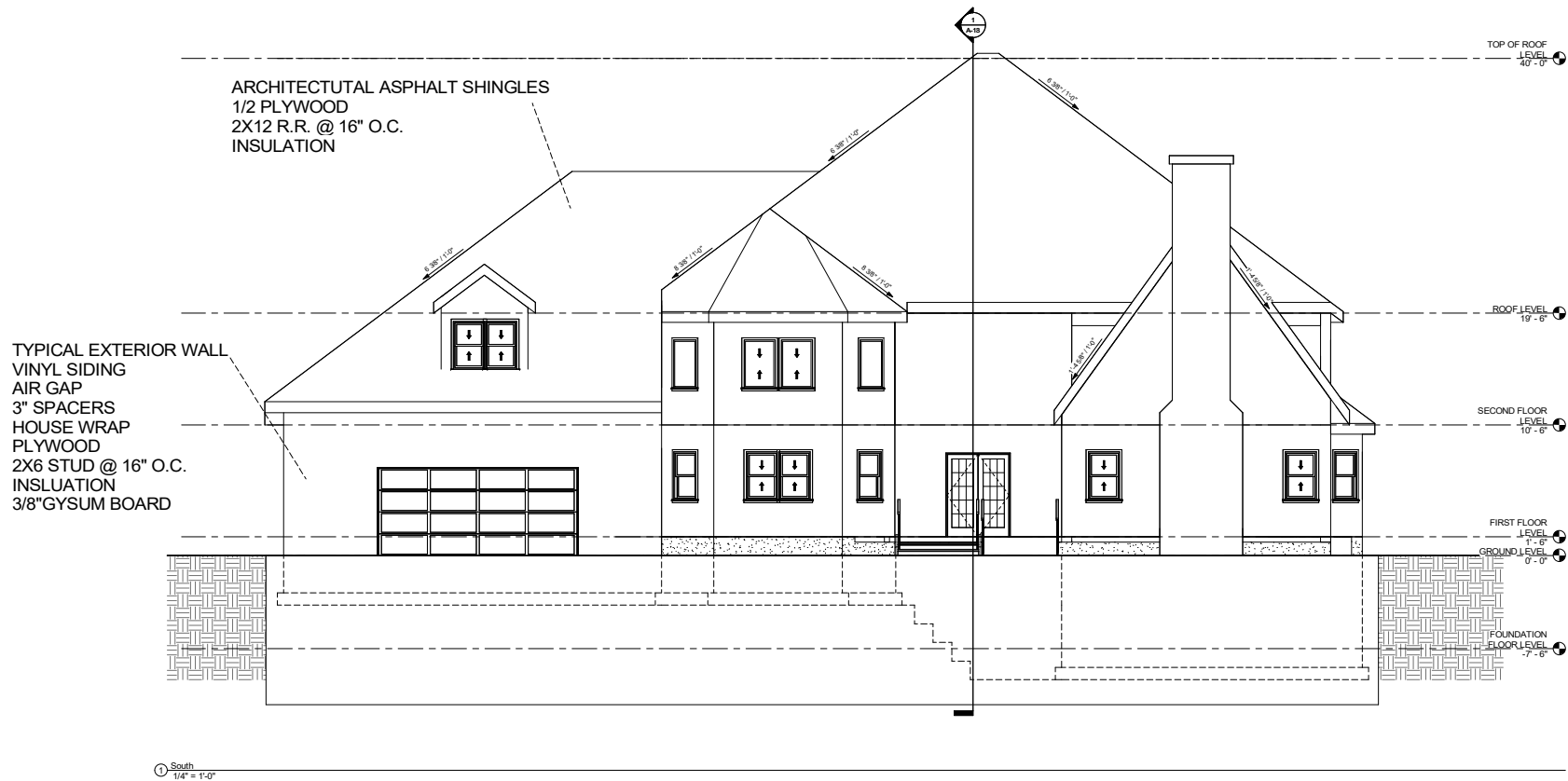
ARC 310
 CONSTRUCTION DESIGN
 SPRING 2023- 22013

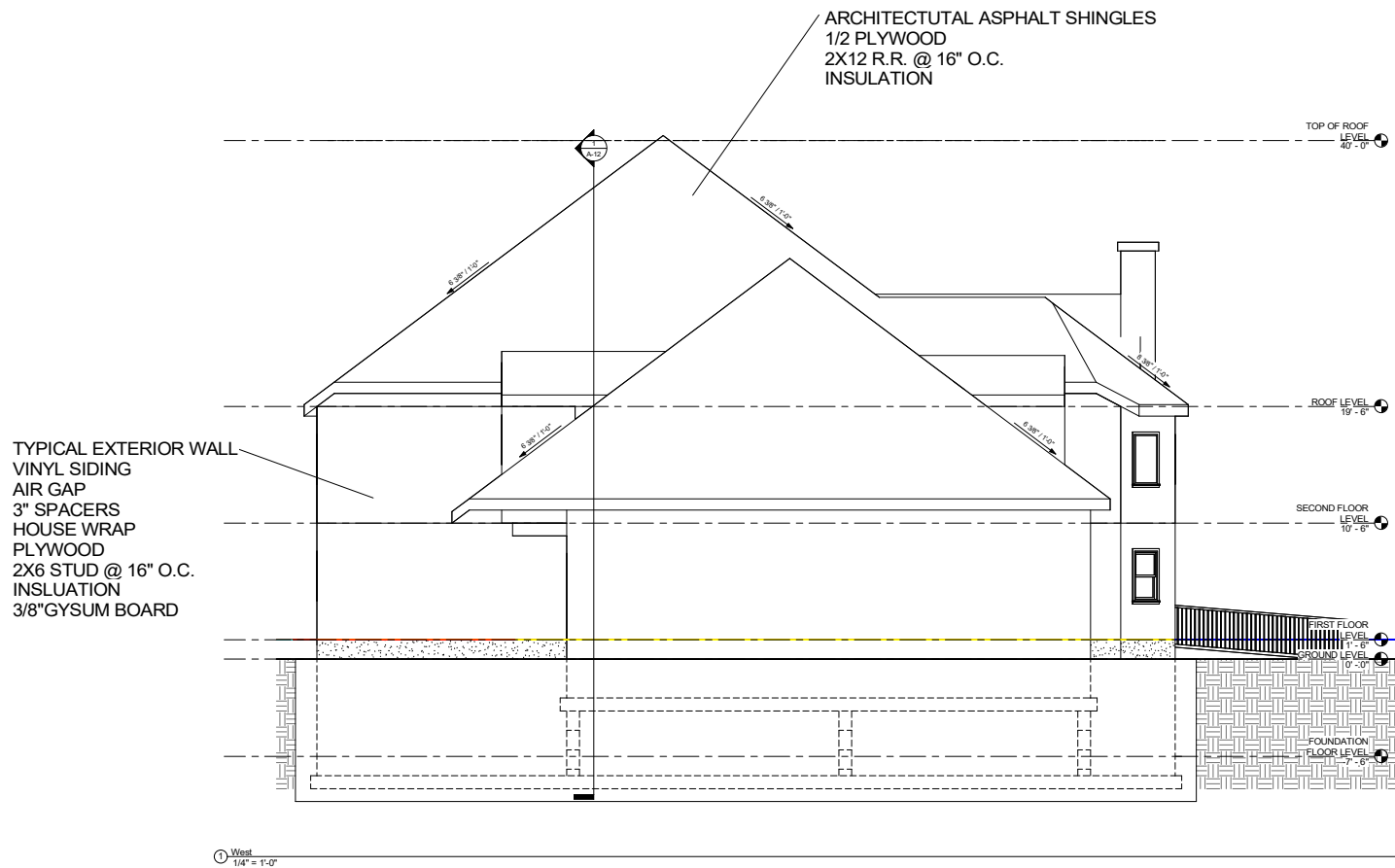


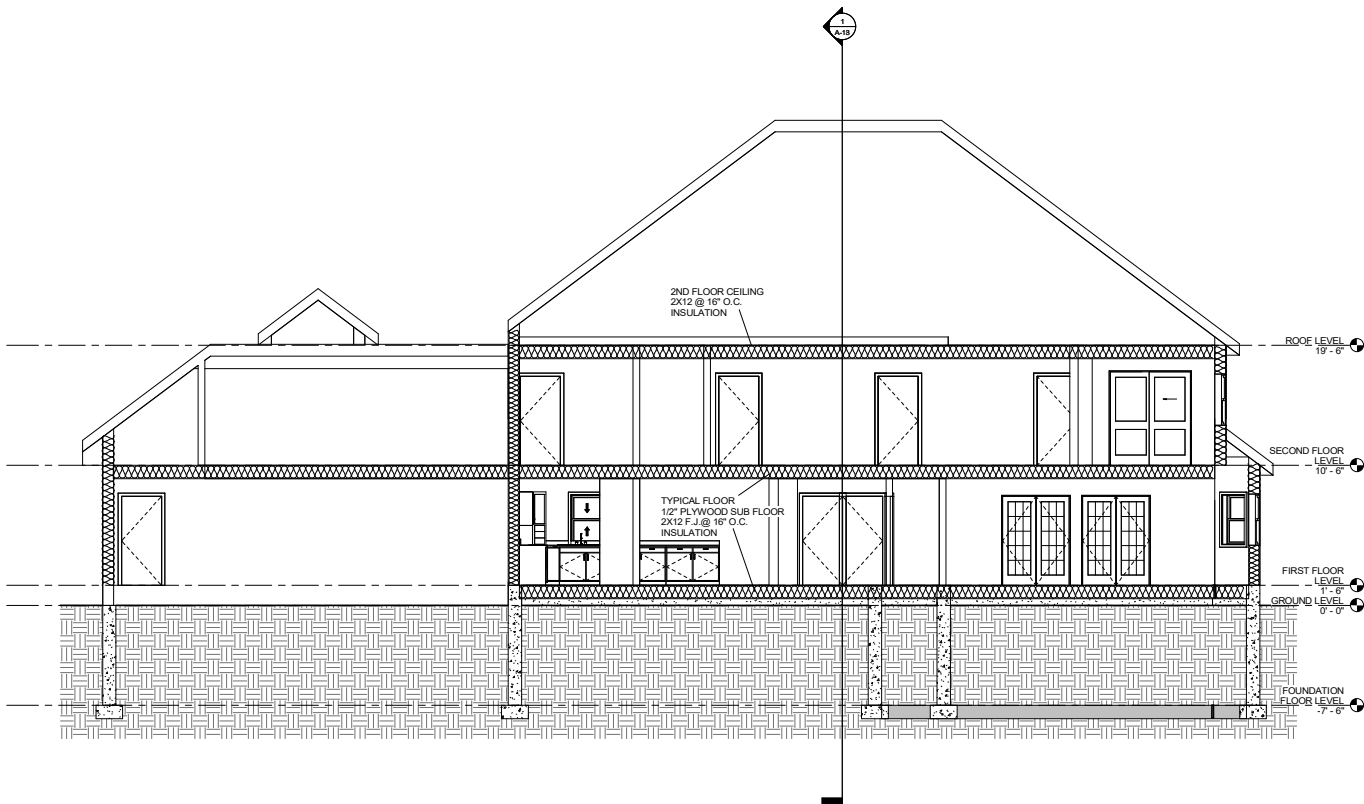
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 NORTH ELEVATION
 SCALE: 1/4"=1'-0"

A-07









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

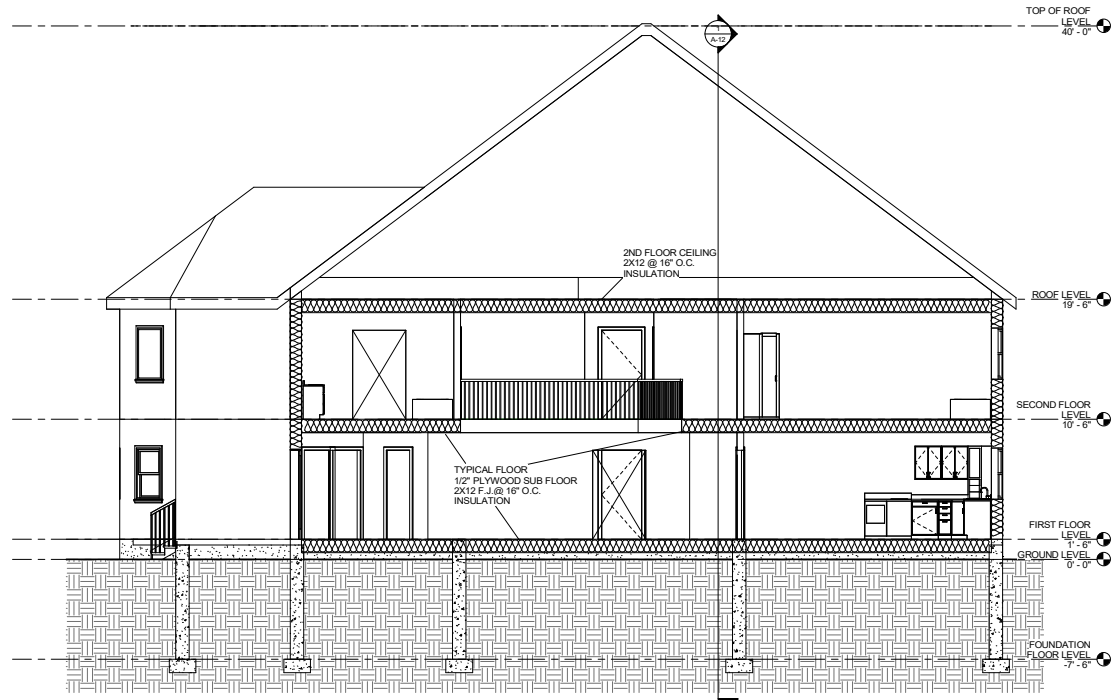
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LONGITUDINAL SECTION
SCALE: 1/4"=1'-0"

A-11



① Section 2
1/4" = 1'-0"

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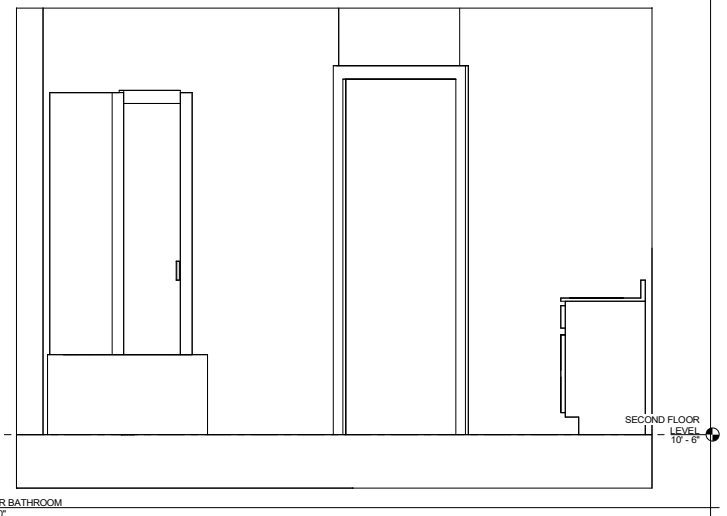
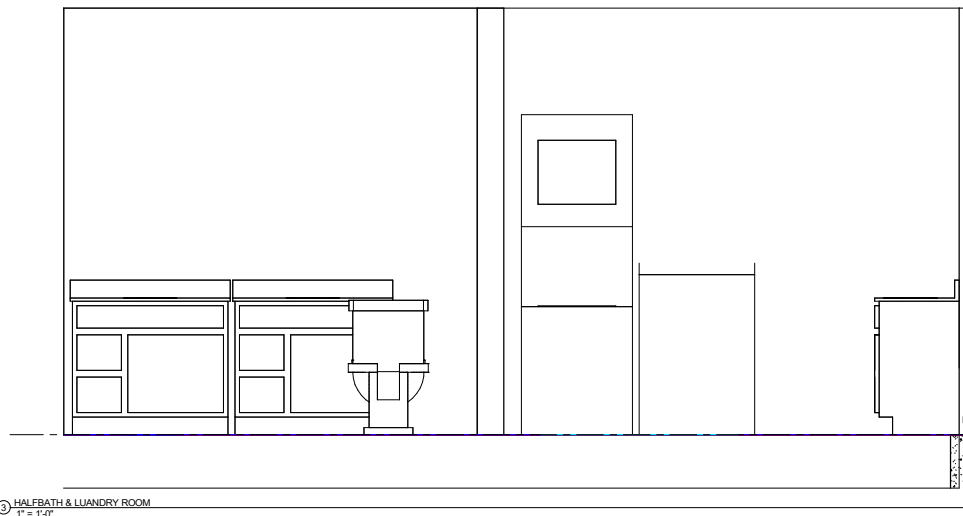
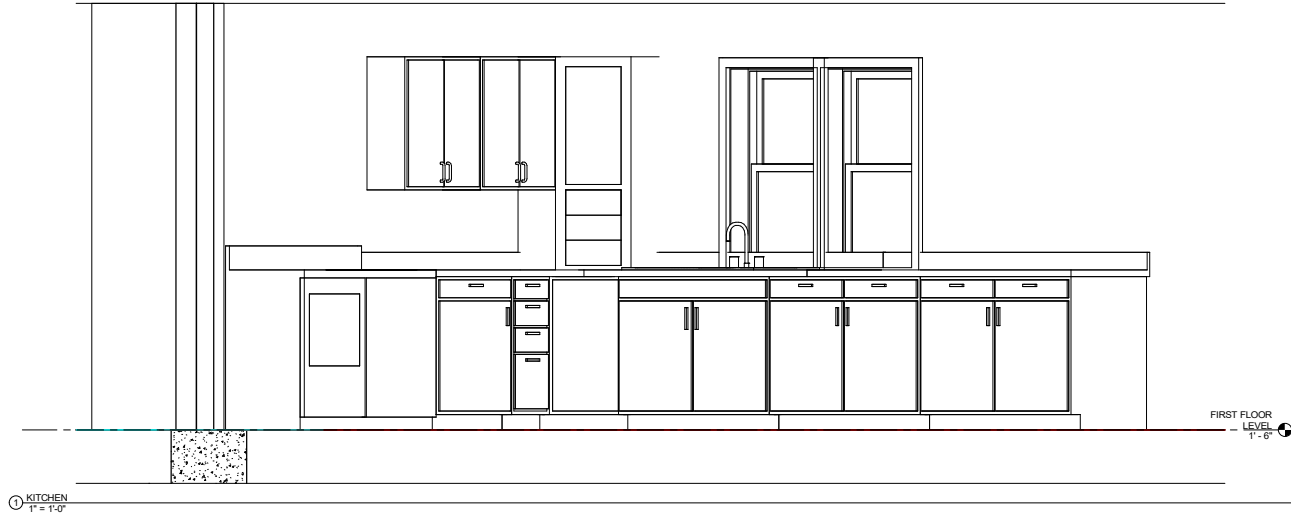
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CROSS SECTION
SCALE: 1/4"=1'-0"

A-12



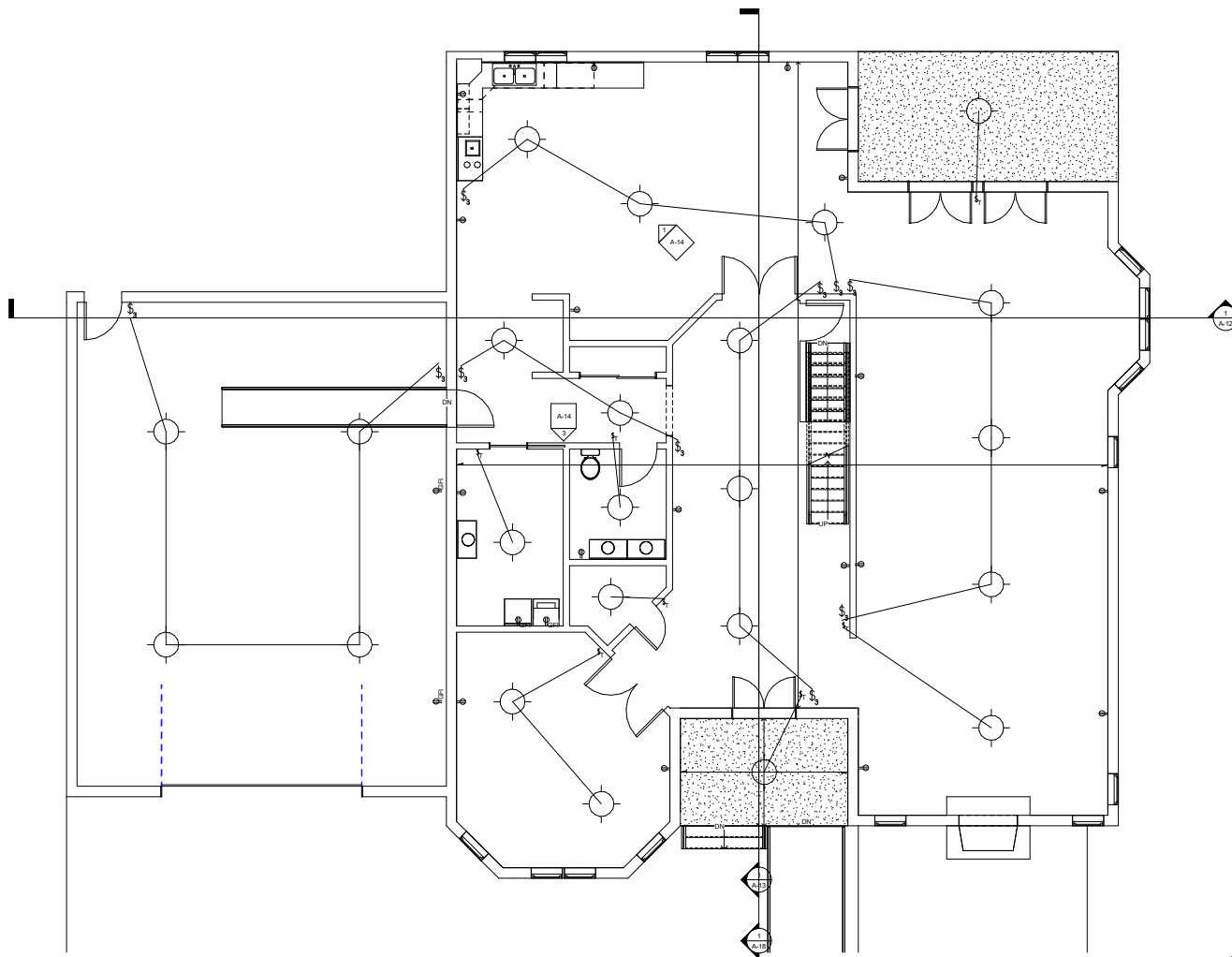
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INTERIOR ELEVATIONS
SCALE: 1"=1'-0"

A-13



ELECTICAL KEY

- ⦿ DUPLEX RECETACLE
- ⦿_{GF1} DUPLEX GROUND FAULT RECETACLE
- ⚡ TWO WAY SWITCH
- ⚡₃ THREE WAY SWITCH
- ⦿ CEILING MOUNTED FIXTURE

⦿ FIRST FLOOR LEVEL ELETRIC
1/4" = 1'-0"



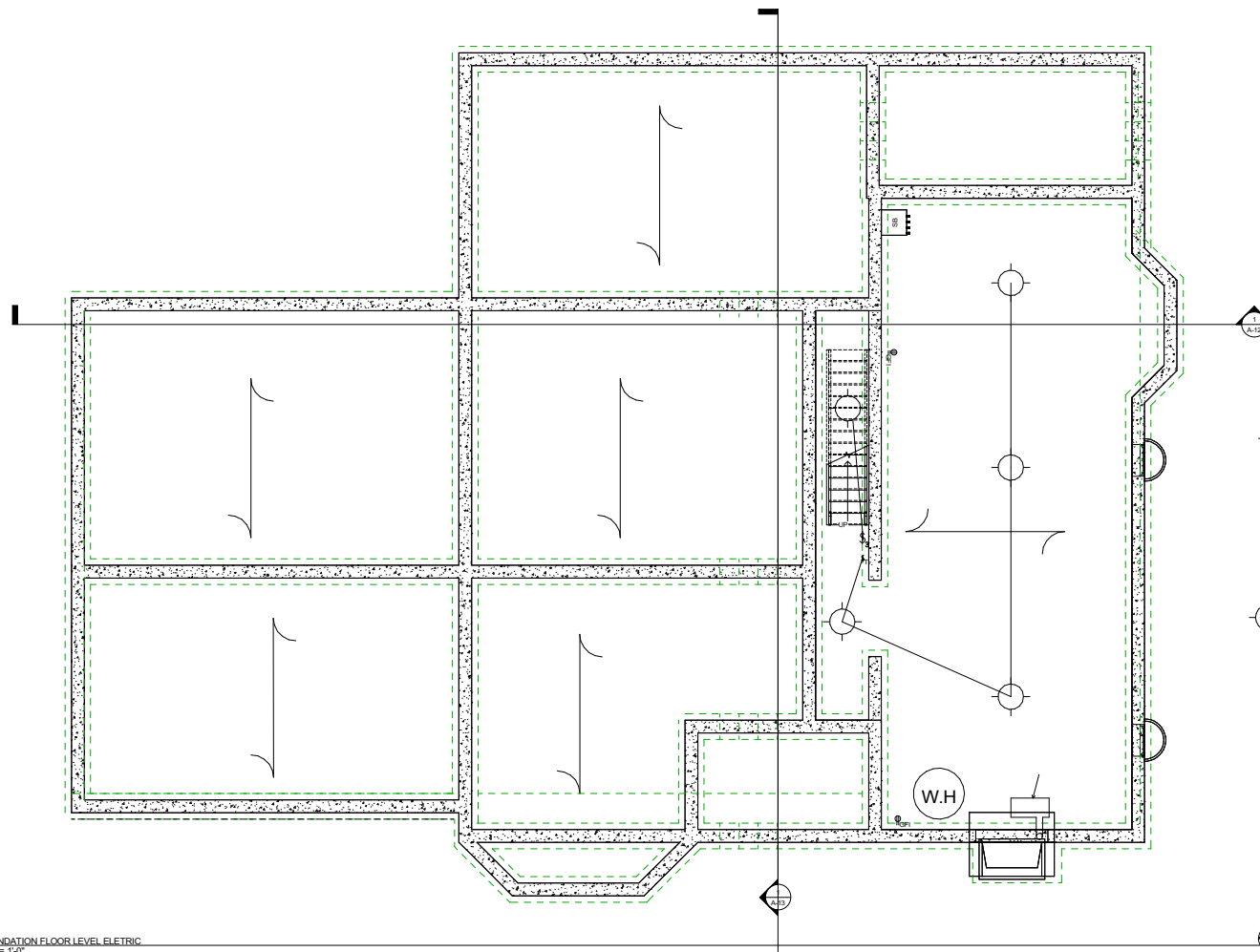
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FIRST FLOOR ELECTRICAL PLAN
SCALE: 1/4"=1'-0"

A-14



ELECTICAL KEY

- ⦿ DUPLEX RECETACLE
- ⦿ DUPLEX GROUND FAULT RECETACLE
- ⦿ TWO WAY SWITCH
- ⦿ THREE WAY SWITCH
- ⦿ CEILING MOUNTED FIXTURE

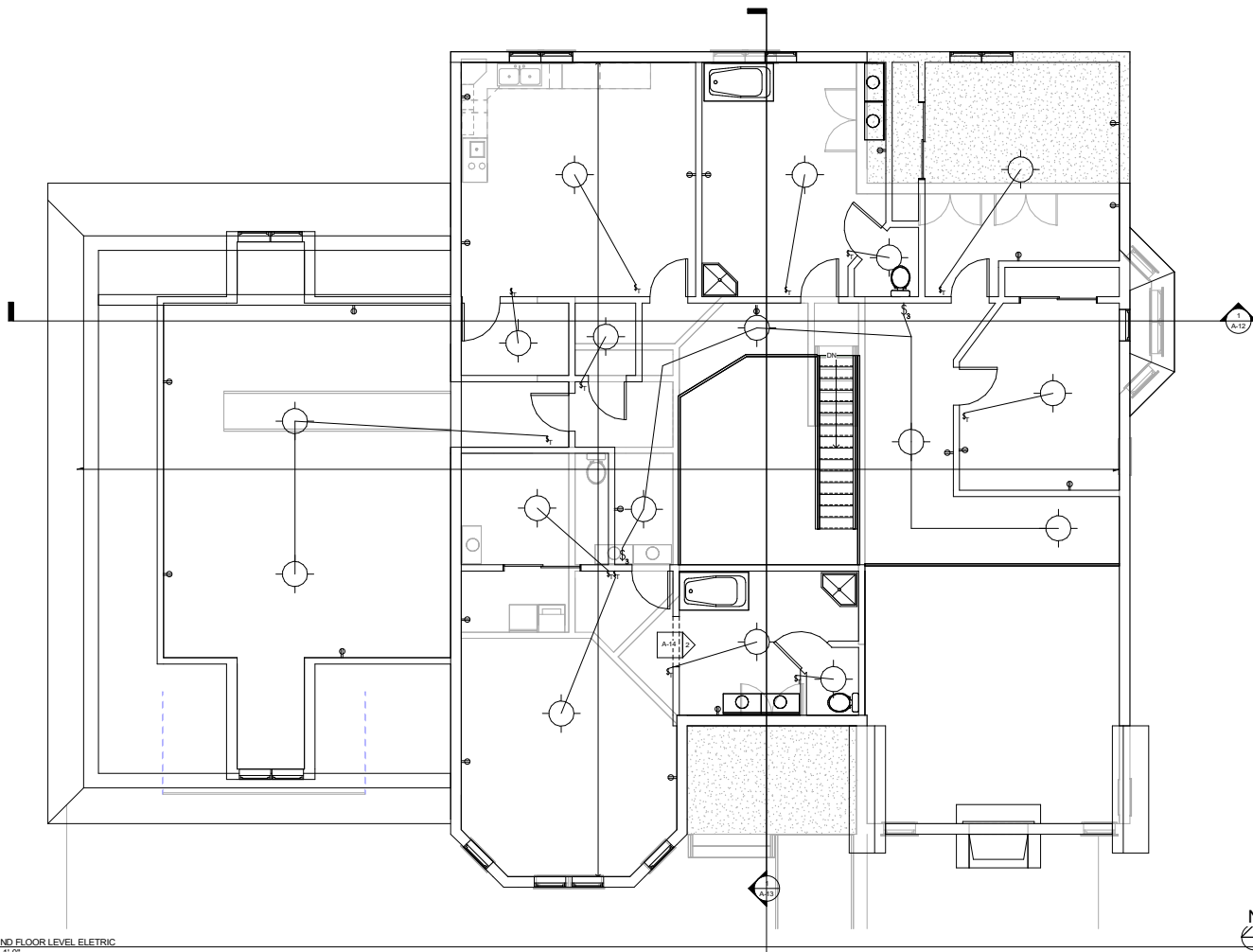
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BASEMENT ELECTRIC PLAN
SCALE: 1/4"=1'-0"

A-15



ELECTICAL KEY

- ⦿ DUPLEX RECETACLE
- ⦿ DUPLEX GROUND FAULT RECETACLE
- ⦿ TWO WAY SWITCH
- ⦿ THREE WAY SWITCH
- ⦿ CEILING MOUNTED FIXTURE

⦿ SECOND FLOOR LEVEL ELETRIC
1/4" = 1'-0"

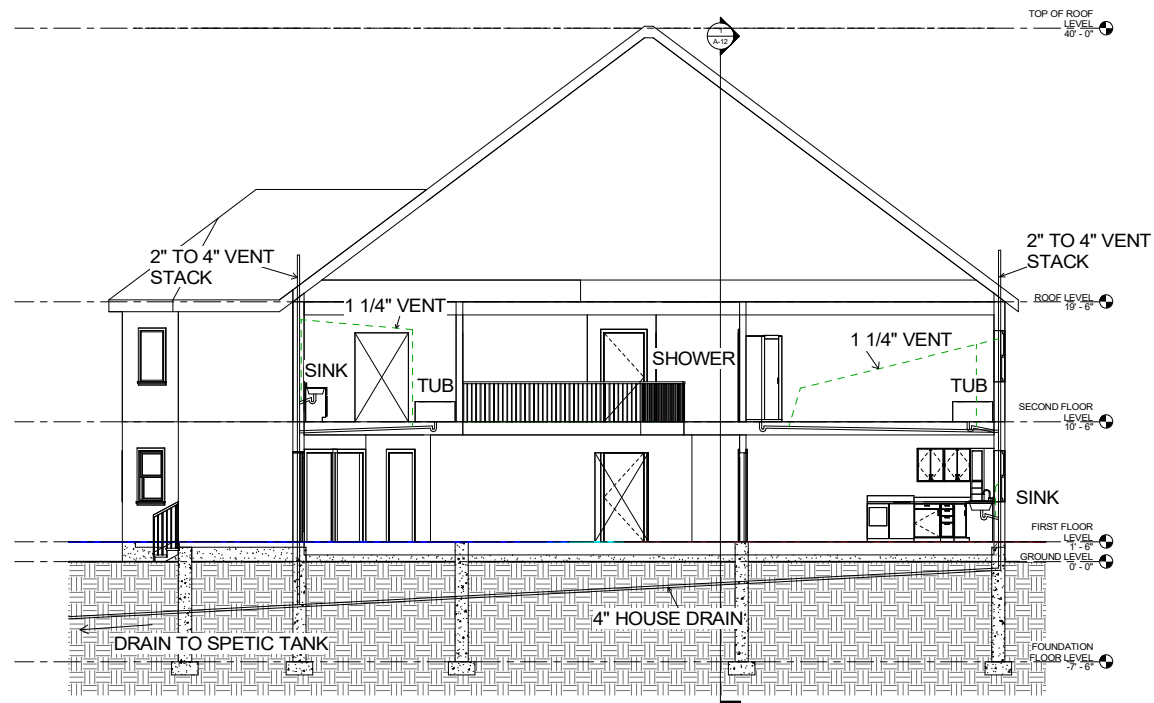
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BASEMENT ELECTRIC PLAN
SCALE: 1/4"=1'-0"

A-16



① PLUMBING DIAGRAM
1/4" = 1'-0"

