

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

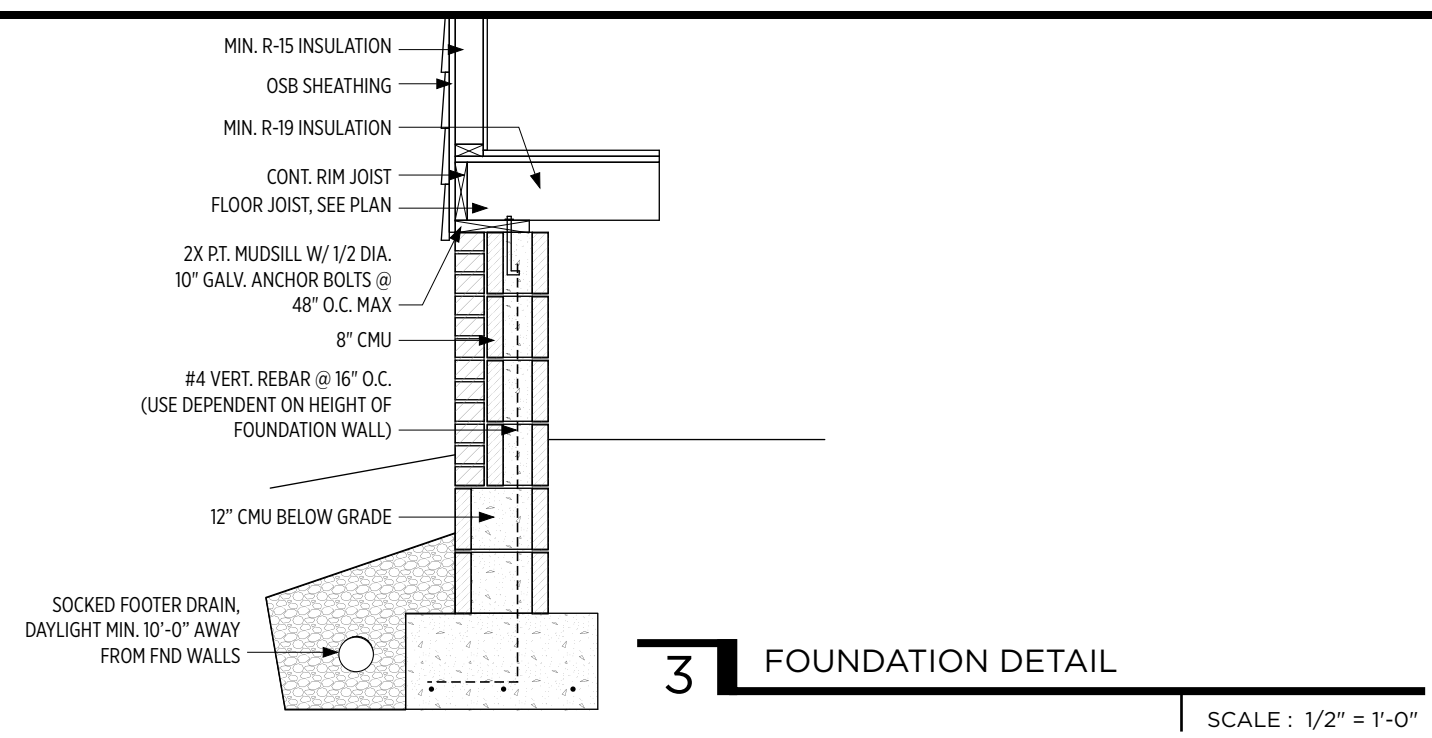
Wall Bracing Details:
Per NCR-2012 Edition Section R602.10
CS-WSP Cont. Sheathing
w/ 7/16" OSB nailed with (1)8d nail at 6" o.c. edge; 12" o.c. field
Exposure B, Only Ext. Bracing (2 Walls EW), 110 MPH, 10' wall height

Front Wall:
Required: 8'

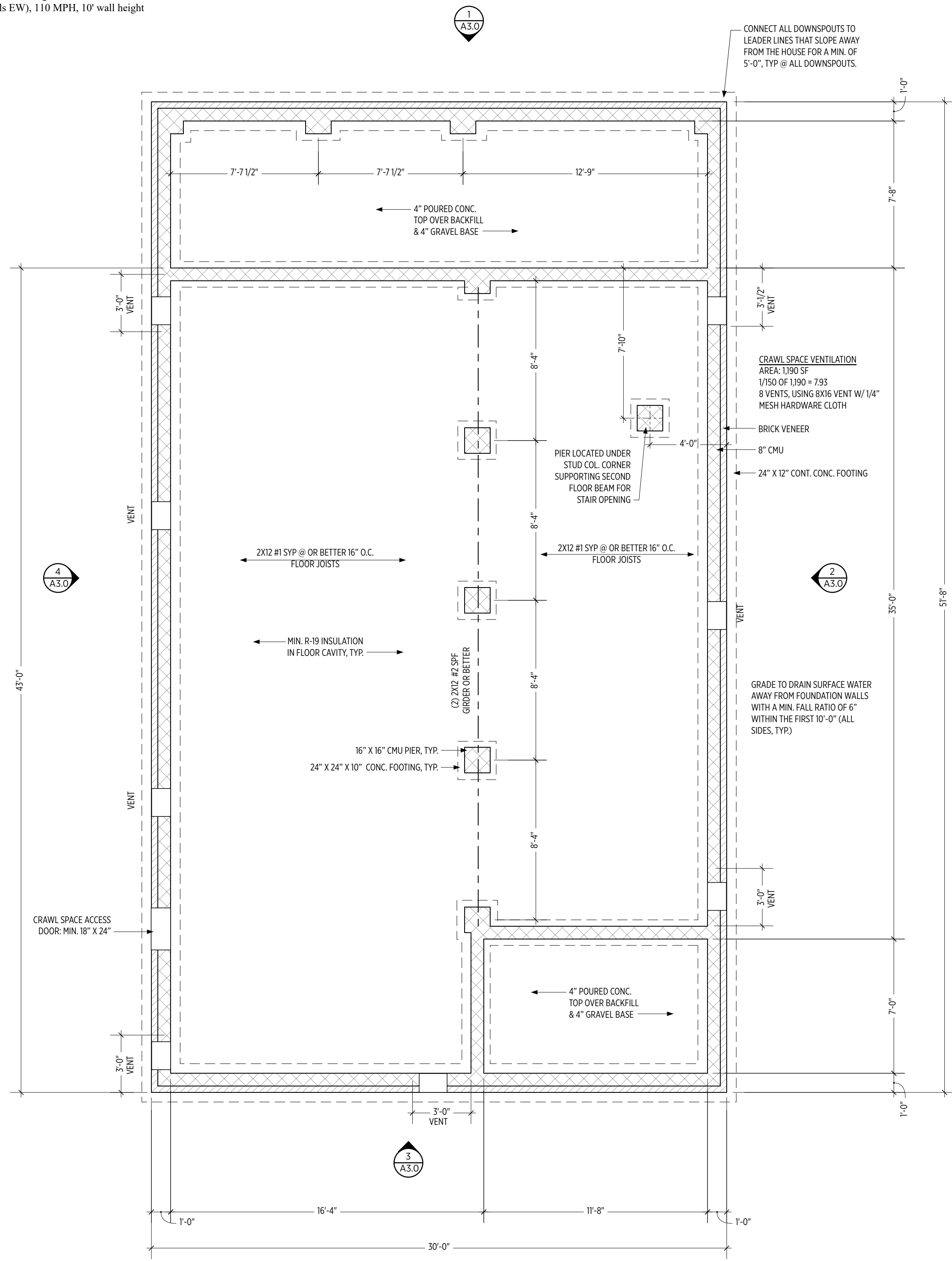
Rear Wall:
Required: 8'

Left Wall:
Required: 4.5'

Right Wall:
Required: 4.5'

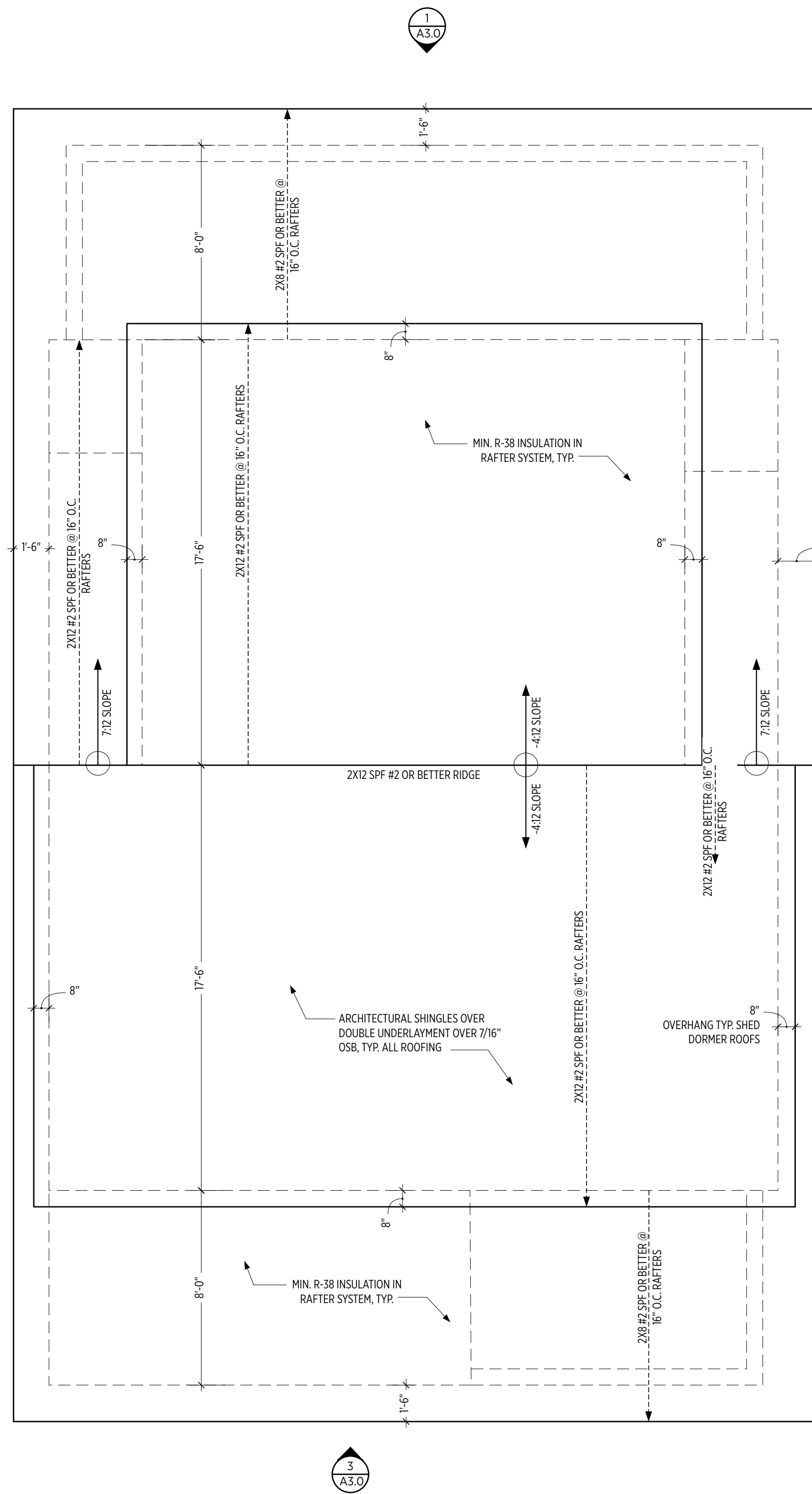


3 FOUNDATION DETAIL
SCALE: 1/2" = 1'-0"



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

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06/09/17	DESIGN
08/22/17	ENGINEERING PREP
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ROOF VENTILATION CALCULATIONS:

CALCULATED @ 1 SF NFVA PER 150 SF OF ATTIC

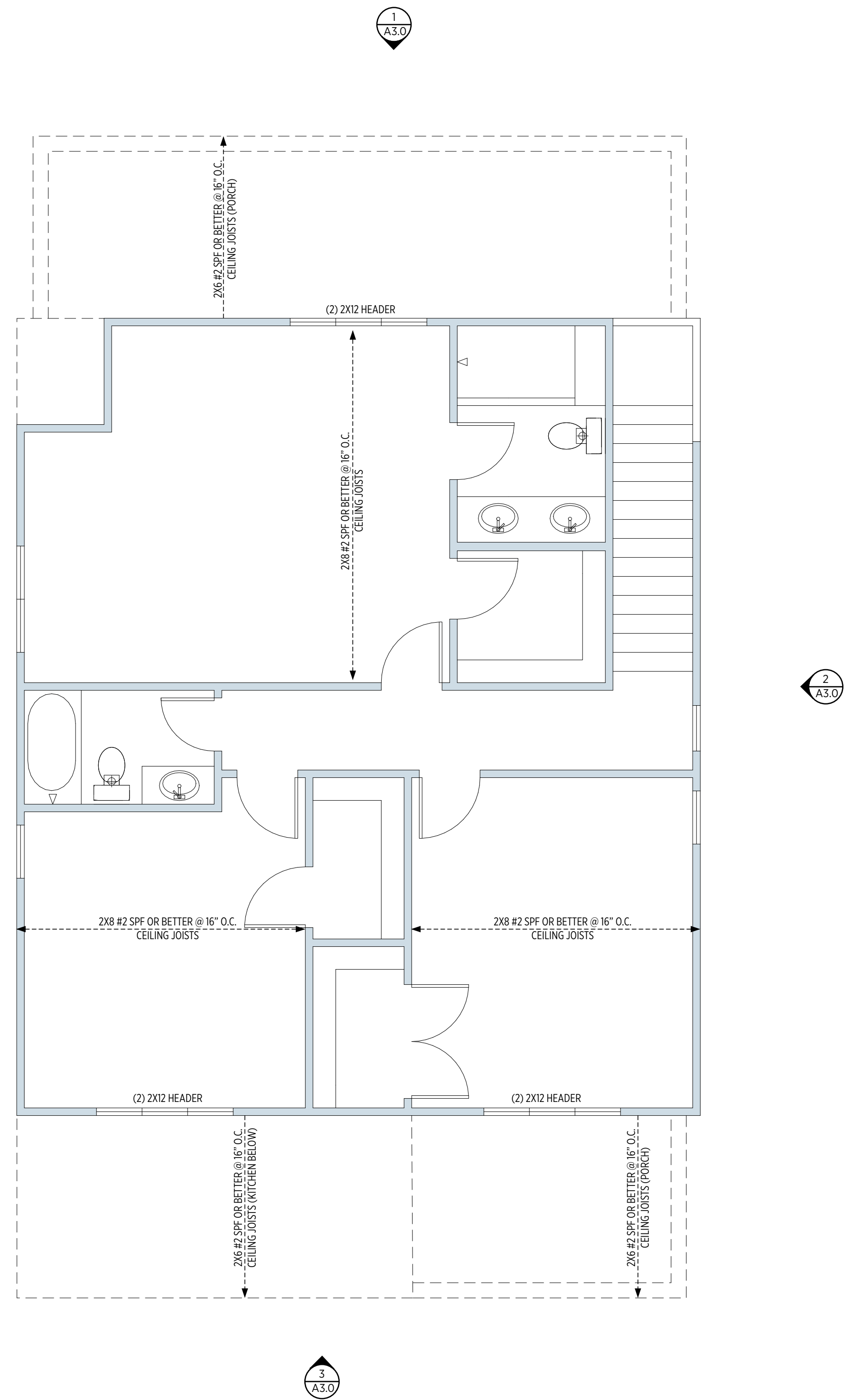
UPPER ROOF: 930 SF ATTIC AREA
 $930 \text{ SF} / 150 = 6.2 \text{ SF} = 893 \text{ SQ. IN. NET FREE VENTILATION AREA}$
 50% EACH AT EAVE & RIDGE = 446.4 SQ. IN. NFVA

FRONT ROOF: 360 SF ATTIC AREA
 $360 \text{ SF} / 150 = 2.4 \text{ SF} = 348 \text{ SQ. IN. NFVA}$
 50% @ RIDGE (AND/OR GABLE END), 50% AT EAVE: 172 SQ. IN. NFVA

LOWER ROOF, ATTIC AREA OVER REAR CONDITIONED SPACE: 128 SF
 $128 \text{ SF} / 150 = .85 \text{ SF} = 122.88 \text{ SQ. IN. NFVA}$
 PER 806.2 EXCEPTION 1, ENCLOSED ATTIC/RAFTER SPACES REQUIRING LESS THAN 1 SF OF VENTILATION MAY BE VENTED WITH CONT. SOFFIT VENTILATION ONLY.

LOWER ROOF, ATTIC AREA OVER REAR COVERED PORCH: 101 SF
 $101 \text{ SF} / 150 = .67 \text{ NFVA}$
 PER 806.2 EXCEPTION 2, ENCLOSED ATTIC/RAFTER SPACES OVER UNCONDITIONED SPACE MAY BE VENTED WITH CONT. SOFFIT VENT ONLY.

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1 SECOND FLOOR CEILING FRAMING PLAN
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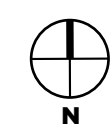
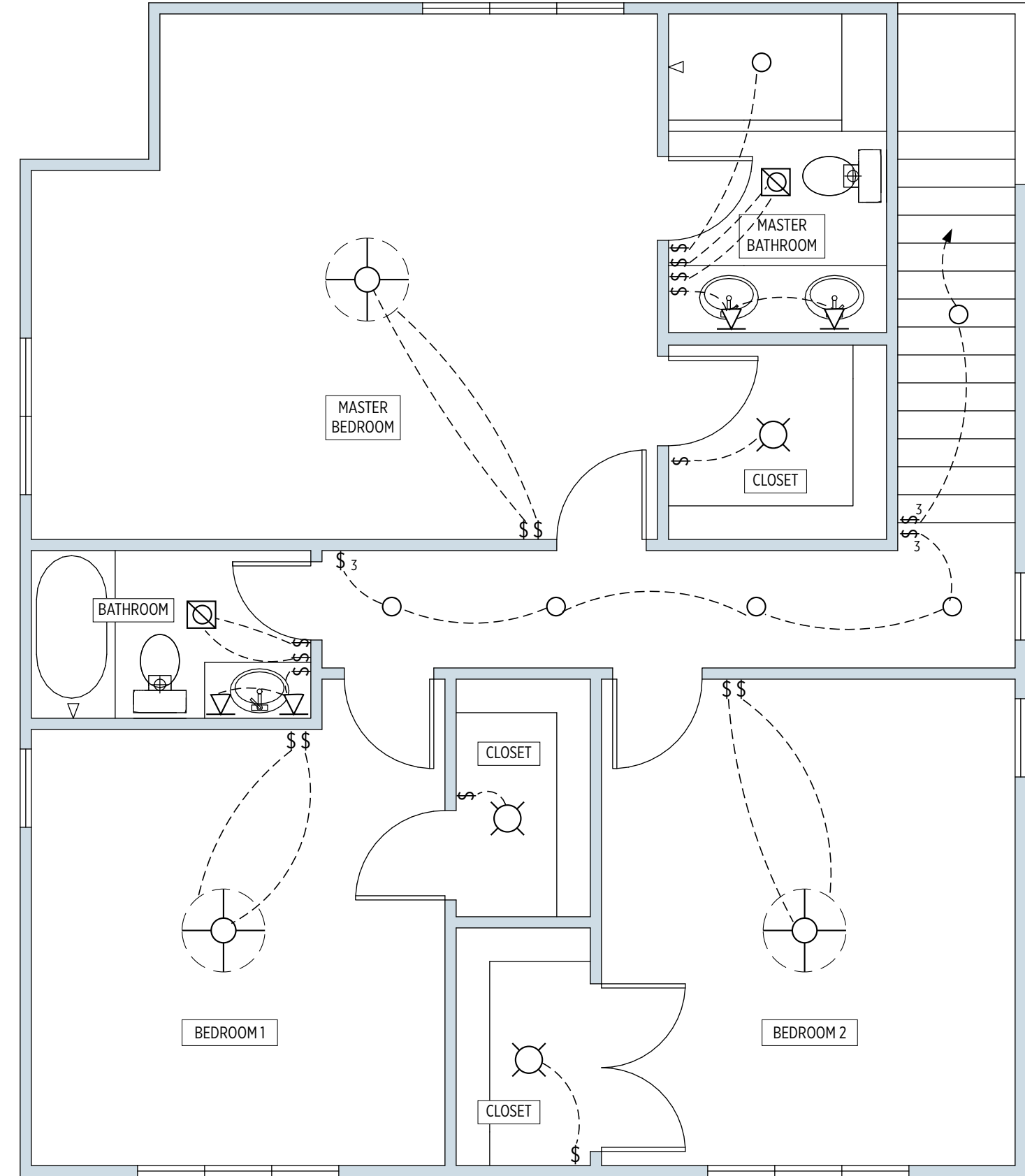
WALLS (RE: NOTES)
 ROOF ABOVE
 SOFFIT/CEILING ABOVE
 STRUCTURE ABOVE

616 CANAL STREET NEW CONSTRUCTION

616 Canal Street
 Durham, North Carolina 27701

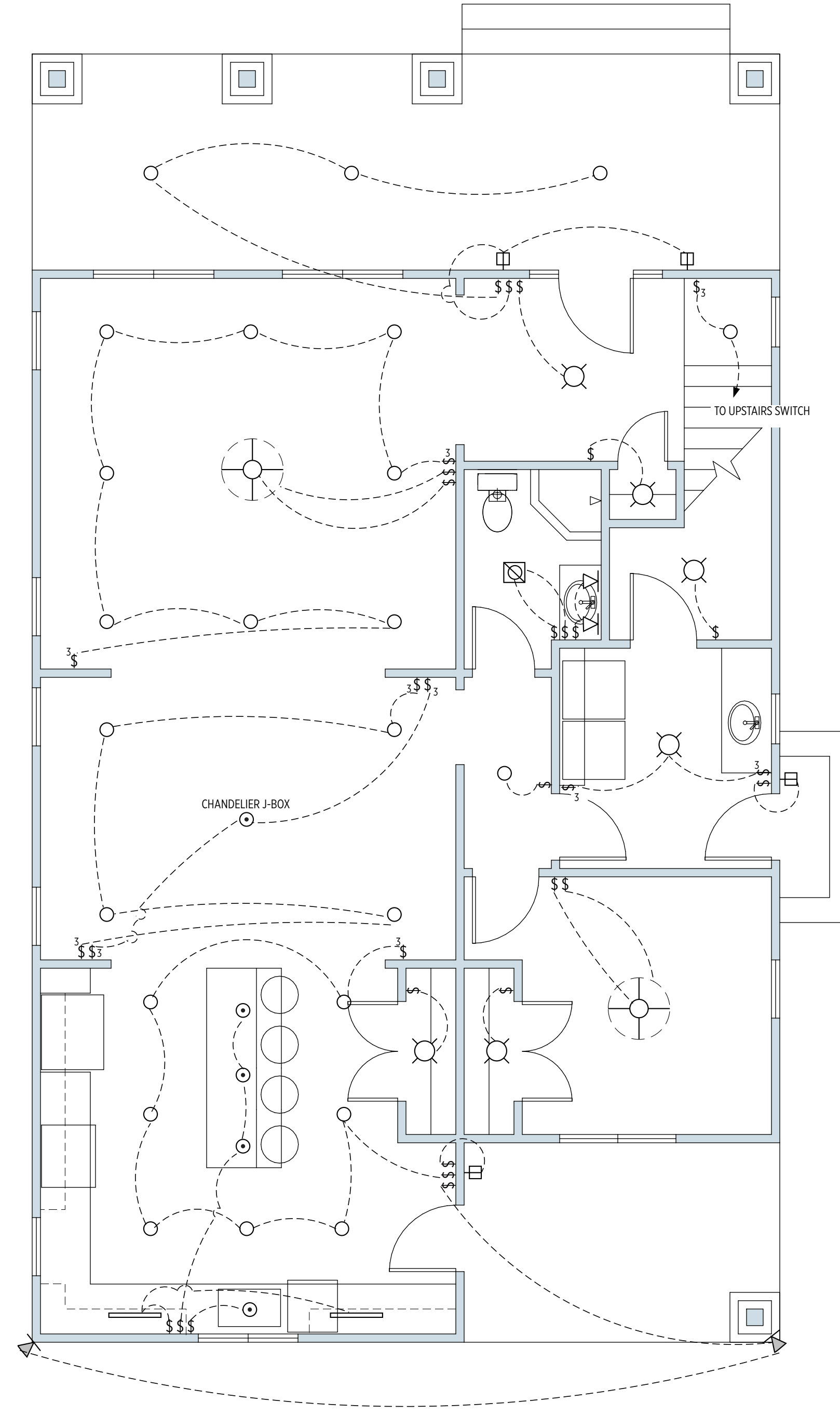
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**ROOF & CEILING
 FRAMING
 PLANS**



2 SECOND FLOOR PLAN

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1 FIRST FLOOR PLAN

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

DEVICE LEGEND		
	6" RECESSED CANS	14
	4" RECESSED CANS	3
	PENDANT LIGHT	X
	BATHROOM FAN/LIGHT COMBO	2
	INTERIOR WALL-MOUNTED SCONCE	4
	ROUND CEILING-MOUNTED FIXTURE	4
	FAN WITH LIGHT	3
	UNDER CABINET FIXTURE	2
	EXTERIOR WALL-MOUNTED FLOOD LIGHT	2
	EXTERIOR WALL-MOUNTED SCONCE	5

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POWER PLANS

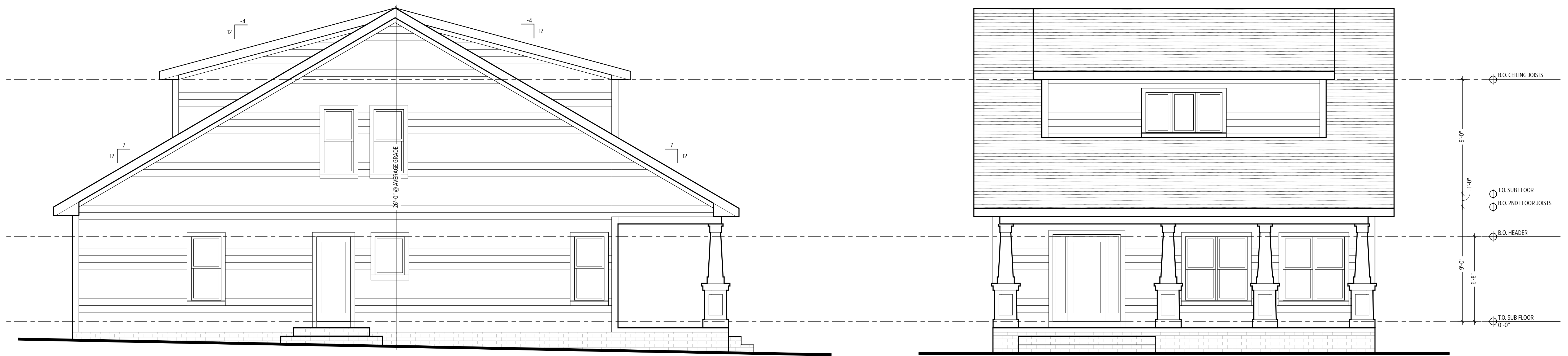
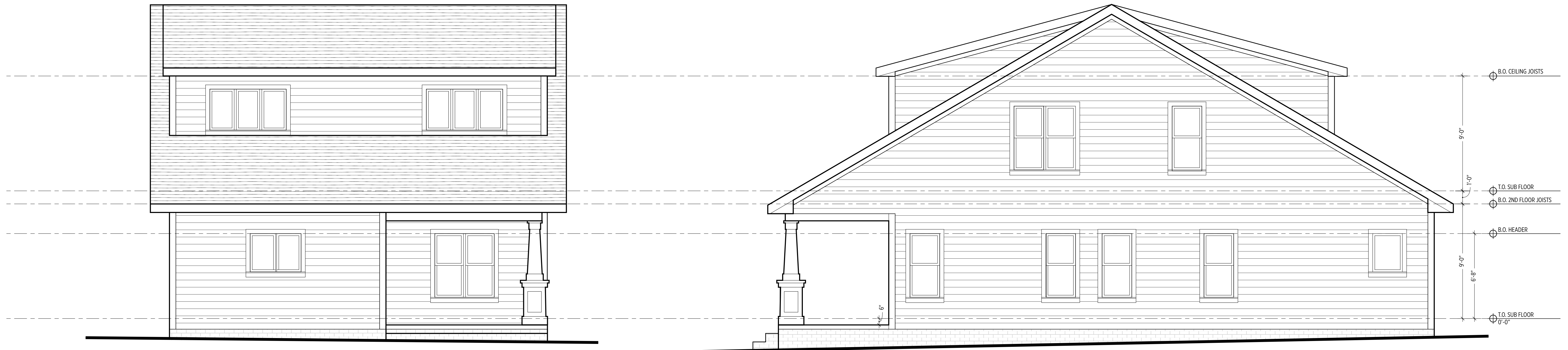
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 NEW CONSTRUCTION**

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ELEVATIONS

A3.0



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