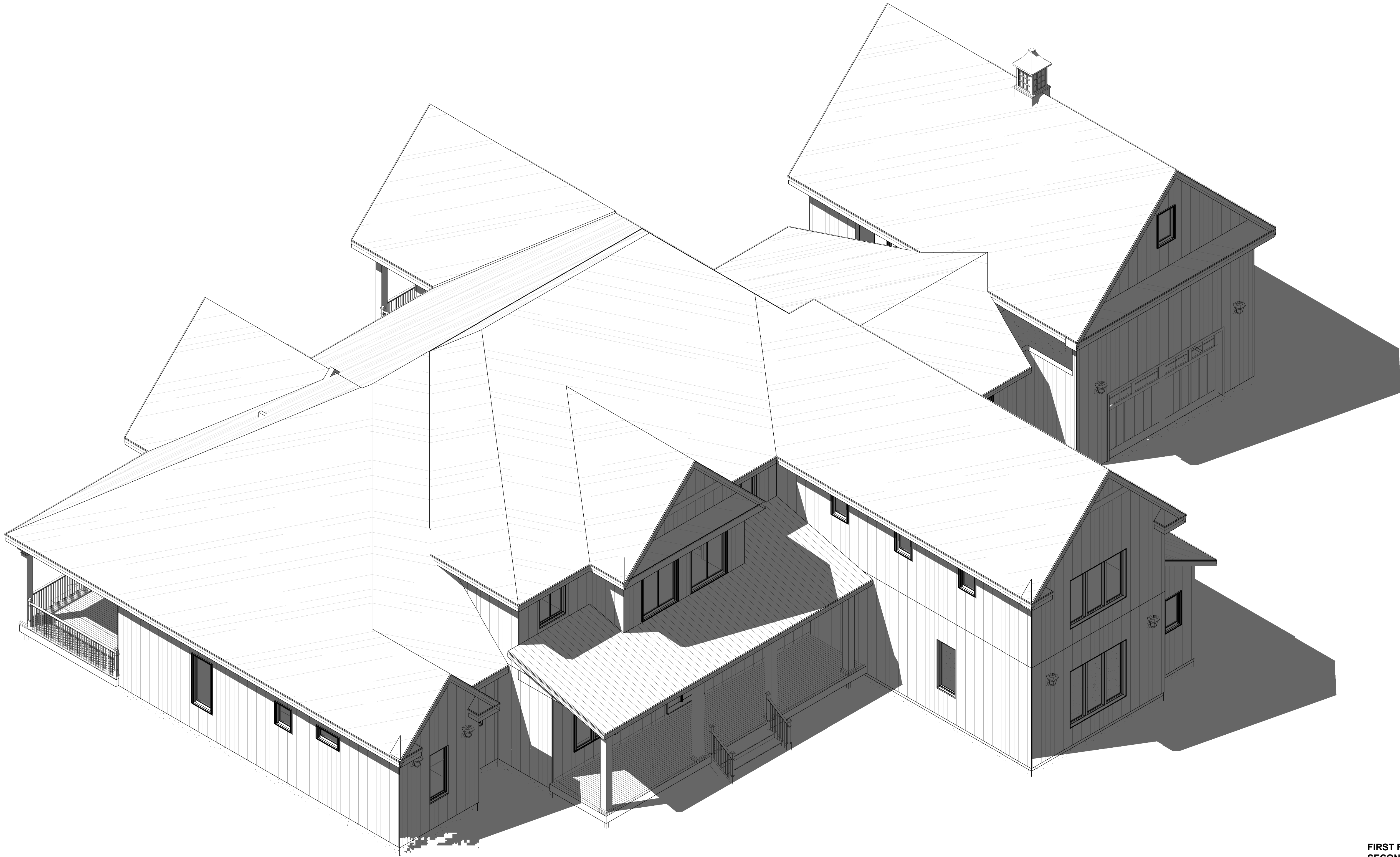


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LOCAL PROFESSIONAL'S SEAL

EARNHARDT RESIDENCE

ARIAL VIEW

FIRST FLOOR SF - 4,121 SF
SECOND FLOOR SF - 974 SF
FRONT PORCH SF - 307 SF
REAR PORCHES SF - 732 SF
DOUBLE GARAGE SF - 972 SF
SINGLE GARAGE SF - 610 SF
STORAGE SF - 319 SF
UNFINISHED BONUS SF - 917 SF

TOTAL HEATED 5,095 SF
TOTAL UNHEATED 3,847 SF

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NO.	DATE/DESCRIPTION

DATE
PLAN NUMBER

SHEET NUMBER

0CS

1 AERIAL

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LOCAL PROFESSIONAL'S SEA

LOCAL PROFESSIONAL'S SEA

1	ACCORDIAN 13068	13' - 0"	6' - 8"
2	6' Opening	6' - 0"	8' - 0"
3	2868 POCKET	2' - 8"	6' - 8"
4	3080 ENTRY	3' - 0"	8' - 0"
5	2868	2' - 8"	6' - 8"
6	2868	2' - 8"	6' - 8"
7	2868 POCKET	2' - 8"	6' - 8"
8	30" x 80"	2' - 6"	6' - 8"
9	2868 POCKET	2' - 8"	6' - 8"
10	16/0x8/0	16' - 0"	8' - 0"
11	3080 ENTRY	3' - 0"	8' - 0"
12	16/0x8/0	16' - 0"	8' - 0"
13	2868	2' - 8"	6' - 8"
14	3080 ENTRY	3' - 0"	8' - 0"
15	3080 ENTRY	3' - 0"	8' - 0"
16	BARN	3' - 0"	6' - 8"
17	5068 DOUBLE	5' - 0"	6' - 8"
18	2868	2' - 8"	6' - 8"
19	ACCORDIAN 13068	13' - 0"	6' - 8"
20	2868	2' - 8"	6' - 8"
21	2868	2' - 8"	6' - 8"
22	5068 FRENCH	5' - 0"	6' - 8"
23	2468	2' - 4"	6' - 8"
24	2868 POCKET	2' - 8"	6' - 8"
25	BARN 2468	2' - 4"	6' - 8"
26	BARN 2468	2' - 4"	6' - 8"
27	2868 POCKET	2' - 8"	6' - 8"
28	2868	2' - 8"	6' - 8"
29	2868	2' - 8"	6' - 8"
30	2868	2' - 8"	6' - 8"
31	5068 DOUBLE	5' - 0"	6' - 8"
32	2868	2' - 8"	6' - 8"
33	BARN	3' - 0"	6' - 8"
34	2868	2' - 8"	6' - 8"
35	2868	2' - 8"	6' - 8"

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SHEET NUMBER

A 101

TOTAL HEATED 5,095 SF
TOTAL UNHEATED 3,847 SF

TOTAL HEATED 5,095 SF
TOTAL UNHEATED 3,847 SF



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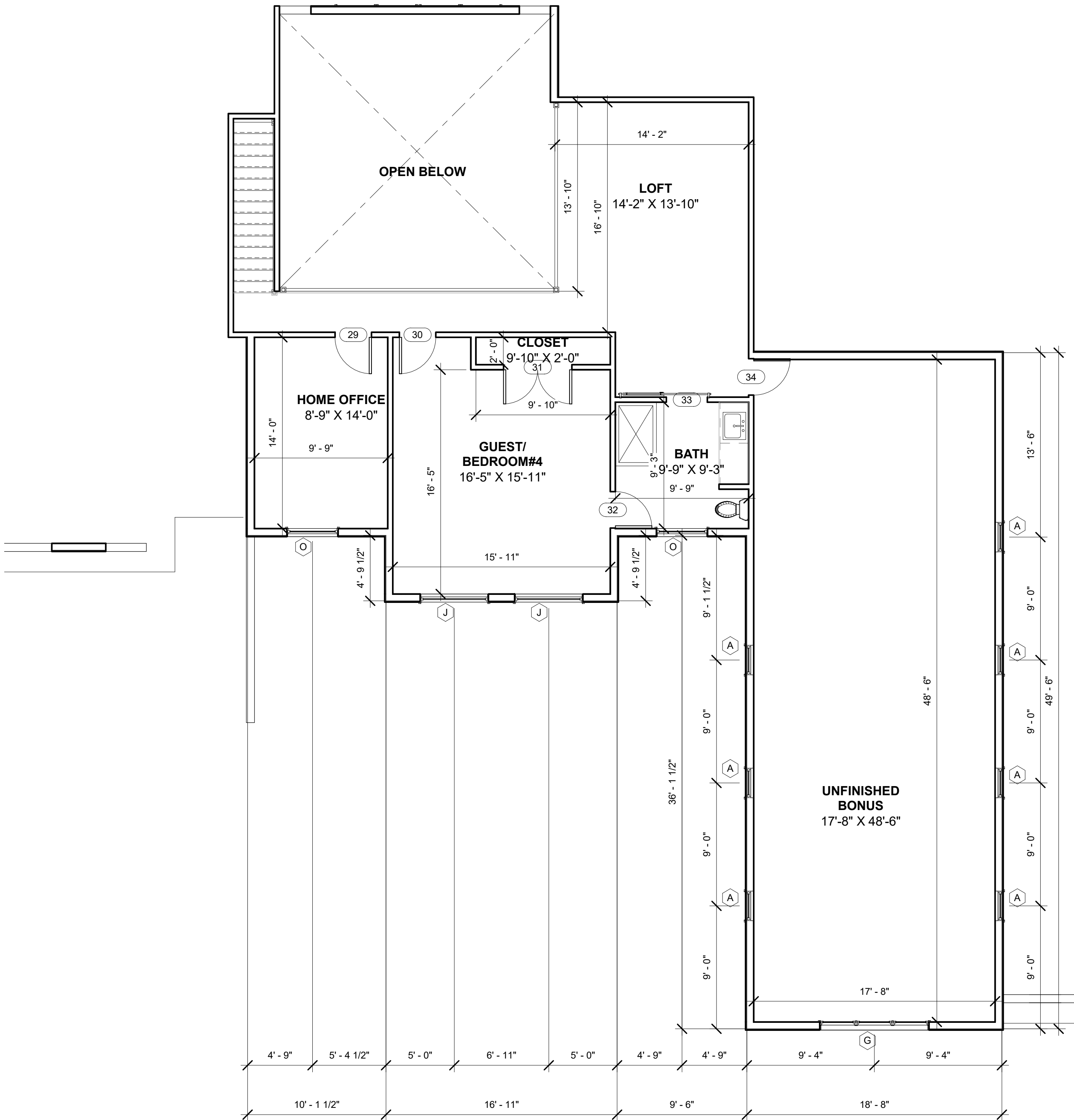
Door Schedule			
Mark	Type	Width	Height
1	ACCORDIAN 13068	13' - 0"	6' - 8"
2	6' Opening	6' - 0"	8' - 0"
3	2868 POCKET	2' - 8"	6' - 8"
4	3080 ENTRY	3' - 0"	8' - 0"
5	2868	2' - 8"	6' - 8"
6	2868	2' - 8"	6' - 8"
7	2868 POCKET	2' - 8"	6' - 8"
8	30" x 80"	2' - 6"	6' - 8"
9	2868 POCKET	2' - 8"	6' - 8"
10	16/0x8/0	16' - 0"	8' - 0"
11	3080 ENTRY	3' - 0"	8' - 0"
12	16/0x8/0	16' - 0"	8' - 0"
13	2868	2' - 8"	6' - 8"
14	3080 ENTRY	3' - 0"	8' - 0"
15	3080 ENTRY	3' - 0"	8' - 0"
16	BARN	3' - 0"	6' - 8"
17	5068 DOUBLE	5' - 0"	6' - 8"
18	2868	2' - 8"	6' - 8"
19	ACCORDIAN 13068	13' - 0"	6' - 8"
20	2868	2' - 8"	6' - 8"
21	2868	2' - 8"	6' - 8"
22	5068 FRENCH	5' - 0"	6' - 8"
23	2468	2' - 4"	6' - 8"
24	2868 POCKET	2' - 8"	6' - 8"
25	BARN 2468	2' - 4"	6' - 8"
26	BARN 2468	2' - 4"	6' - 8"
27	2868 POCKET	2' - 8"	6' - 8"
28	2868	2' - 8"	6' - 8"
29	2868	2' - 8"	6' - 8"
30	2868	2' - 8"	6' - 8"
31	5068 DOUBLE	5' - 0"	6' - 8"
32	2868	2' - 8"	6' - 8"
33	BARN	3' - 0"	6' - 8"
34	2868	2' - 8"	6' - 8"
35	2868	2' - 8"	6' - 8"

Window Schedule			
Type Mark	Rough Width	Rough Height	Type
A	2' - 2 1/2"	2' - 8 1/2"	2228
B	3' - 0 1/2"	1' - 6 1/2"	3016 FIXED
C	8' - 0 1/2"	7' - 0 1/2"	4070
D	3' - 9 1/2"	4' - 6 1/2"	3946
E	8' - 0 1/2"	5' - 0 1/2"	3-2850
F	8' - 0 1/2"	1' - 5 1/2"	3-2815 AWNING
G	8' - 0 1/2"	6' - 0 1/2"	3-2860
H	8' - 0 1/2"	7' - 0 1/2"	3-2870
I	2' - 4 1/2"	4' - 0 1/2"	2440
J	5' - 0 1/2"	6' - 1 1/2"	5061
K	2' - 8 1/2"	6' - 0 1/2"	2860
L	2' - 10 1/2"	2' - 10 1/2"	210210 FIXED
M	12' - 0 1/2"	7' - 0 1/2"	3-4070
N	2' - 8 1/2"	3' - 0 1/2"	2830
O	3' - 9 1/2"	4' - 0 1/2"	3940

FIRST FLOOR SF - 4,121 SF
SECOND FLOOR SF - 974 SF
FRONT PORCH SF - 307 SF
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TOTAL HEATED 5,095 SF
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1 SECOND FLOOR
3/16" = 1'-0"



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EARNHARDT RESIDENCE

SECOND FLOOR PLAN

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Graphic Scale

FIRE BLOCKING

PROVIDE FIRE/DRAFTSTOPPING AS PER BUILDING CODE
MAXIMUM AREA OF CONCEALED SPACE IS TO ME 1000 SQ. FT.

PROVIDE FIRE BLOCKING IN CONCEALED SPACES OF STUDS
VERTICALLY AT CEILING AND FLOOR LEVELS
HORIZONTALLY AT INTERVALS NOT EXCEEDING 10' - 0"
AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES
IN SPACES BETWEEN STAIR STRINGERS AT TOP AND BOTTOM OF RUN
AT OPENINGS AROUND VENTS, PIPES AND DUCTS AT CEILING AND FLOOR LEVELS

NOTE:
ALL RIDGE, VALLEY AND RAFTER BRACING
TO BEAR ON LOAD BEARING WALLS
DESIGNED TO CARRY LOAD THROUGH ALL
LEVELS AND TERMINATE AT FOUNDATION
DESIGNED TO CARRY LOAD.

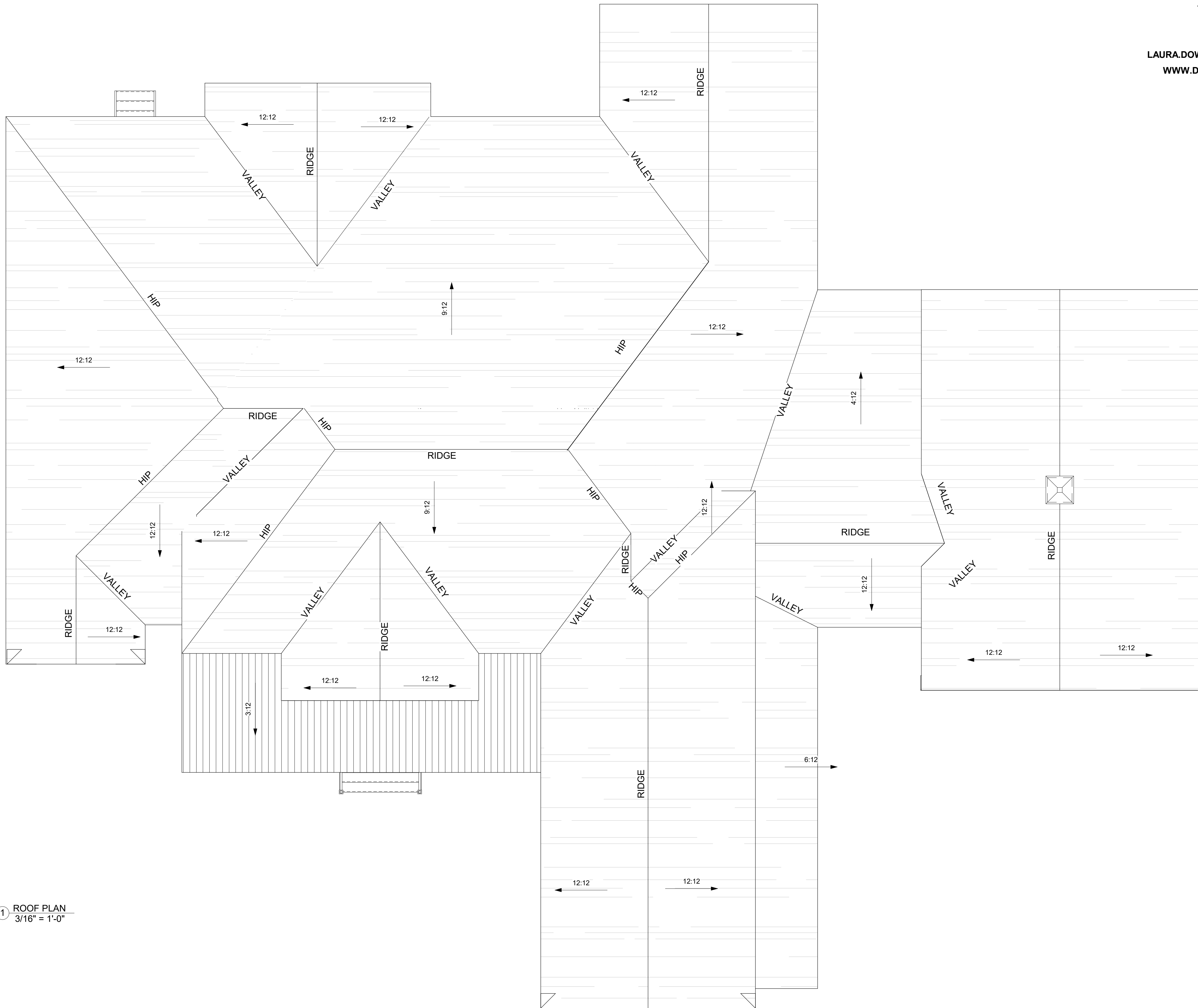
NOTE:
SEE SHEET S105 FOR ROOF
FRAMING SIZES (STICK BUILT)

NOTE:
FIELD VERIFY ALL BEARING HEIGHTS

NOTE:
ROOF OVERHANG IS 1'-4"
UNLESS NOTED OTHERWISE

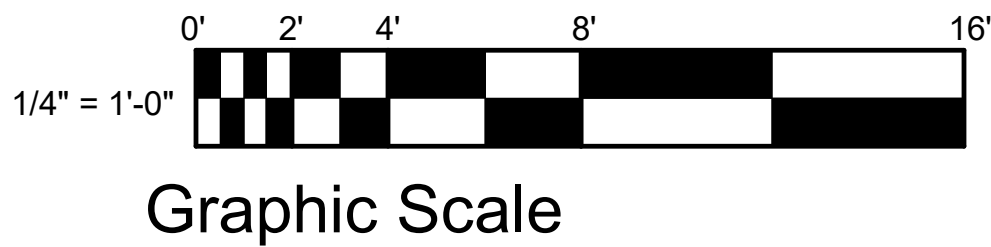
NOTE:
VENTILATION SHALL COMPLY WITH CODE.
ENCLOSED ATTICS AND ENCLOSED
RAFTER SPACES FORMED WHERE CEILINGS
ARE APPLIED DIRECTLY TO THE UNDERSIDE
OF ROOF RAFTERS SHALL HAVE CROSS
VENTILATION FOR EACH SEPARATE SPACE
BY VENTILATION OPENINGS PROTECTED
AGAINST THE ENTRANCE OF RAIN OR SNOW.
VENTILATING OPENINGS SHALL BE PROVIDED
WITH CORROSION-RESISTANT WIRE MESH.

NOTE:
PROVIDE RIDGE VENTS AS
CALCULATED TO MEET CODE



1 ROOF PLAN
3/16" = 1'-0"

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EARNHARDT RESIDENCE

ROOF PLAN

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SHEET NUMBER

A 103

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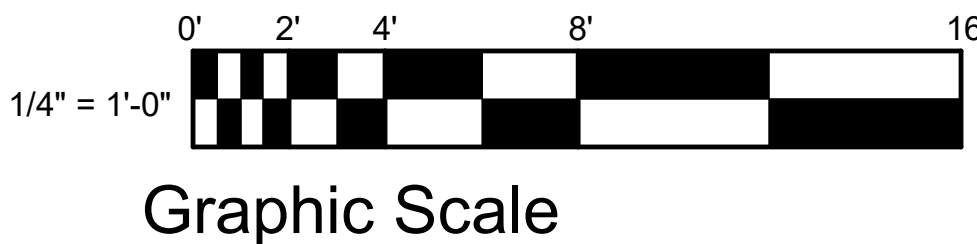
1 RIGHT ELEVATION
3/16" = 1'-0"

Window Schedule			
Type Mark	Rough Width	Rough Height	Type
A	2' - 2 1/2"	2' - 8 1/2"	2228
B	3' - 0 1/2"	1' - 6 1/2"	3016 FIXED
C	8' - 0 1/2"	7' - 0 1/2"	4070
D	3' - 9 1/2"	4' - 6 1/2"	3946
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H	8' - 0 1/2"	7' - 0 1/2"	3-2870
I	2' - 4 1/2"	4' - 0 1/2"	2440
J	5' - 0 1/2"	6' - 1 1/2"	5061
K	2' - 8 1/2"	6' - 0 1/2"	2860
L	2' - 10 1/2"	2' - 10 1/2"	210210 FIXED
M	12' - 0 1/2"	7' - 0 1/2"	3-4070
N	2' - 8 1/2"	3' - 0 1/2"	2830
O	3' - 9 1/2"	4' - 0 1/2"	3940



2 FRONT ELEVATION
3/16" = 1'-0"

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EARNHARDT RESIDENCE

EXTERIOR ELEVATIONS

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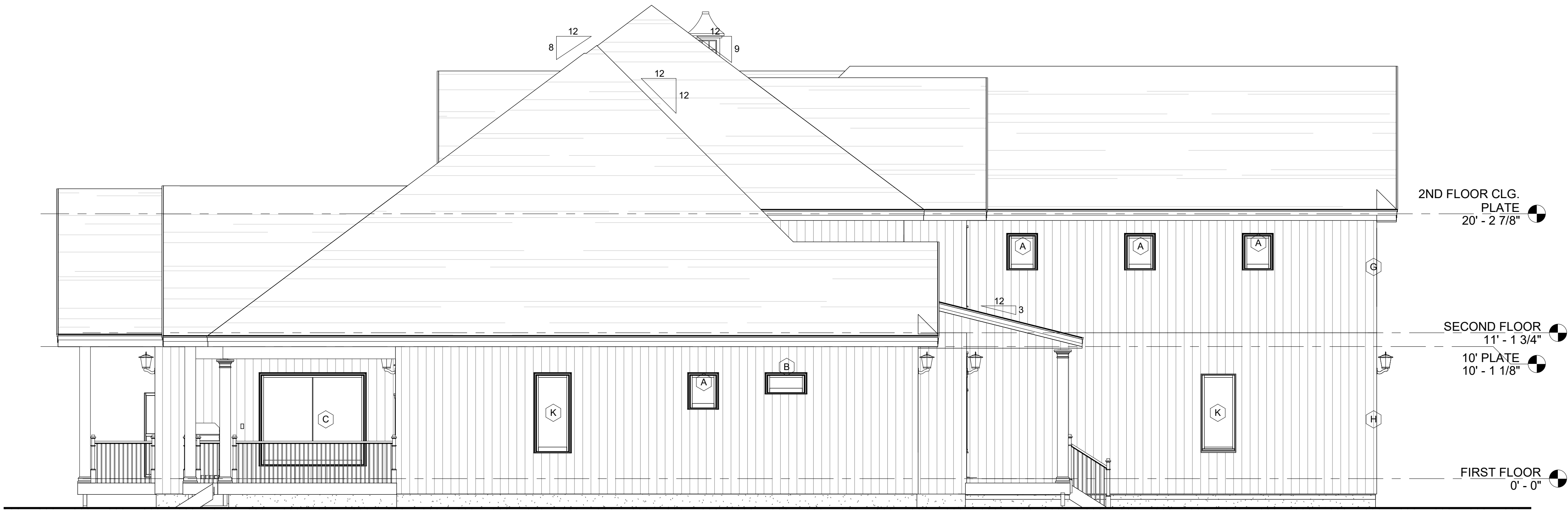
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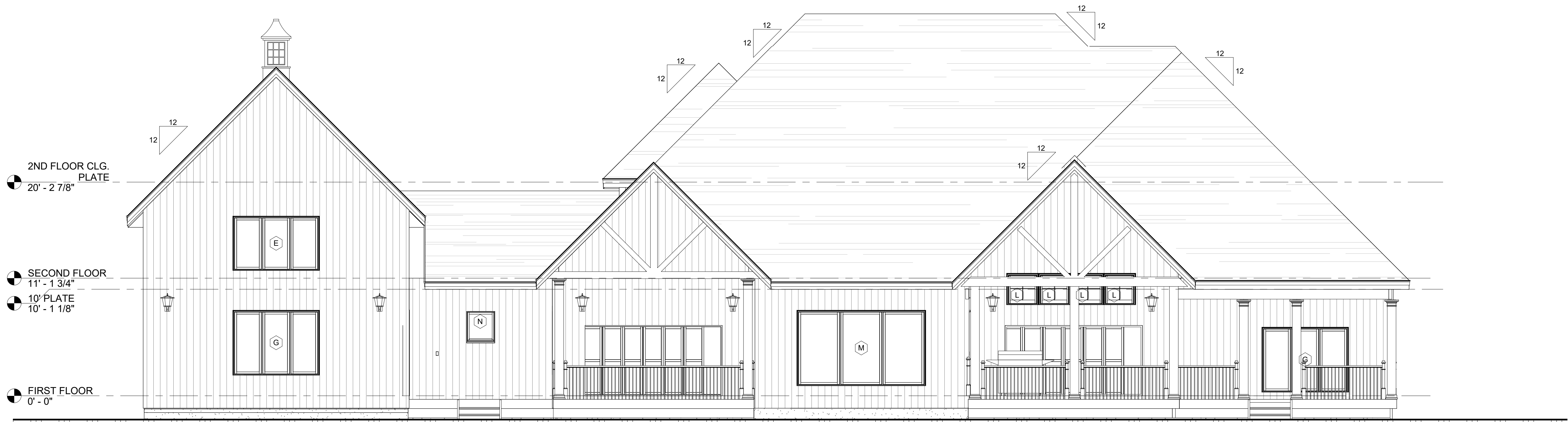
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LOCAL PROFESSIONAL SEAL



2 LEFT ELEVATION
3/16" = 1'-0"



1 REAR ELEVATION
3/16" = 1'-0"

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EARNHARDT RESIDENCE
EXTERIOR ELEVATIONS

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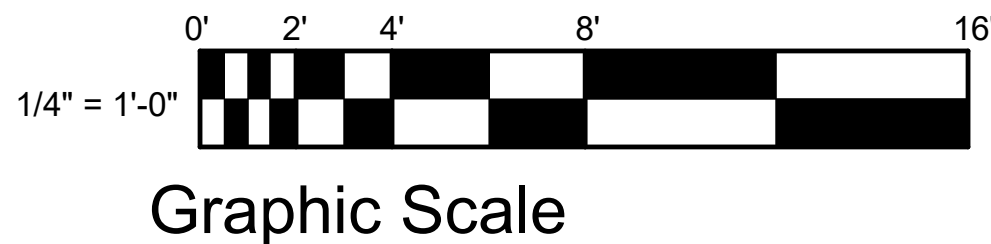
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DATE
PLAN NUMBER

SHEET NUMBER

A 202

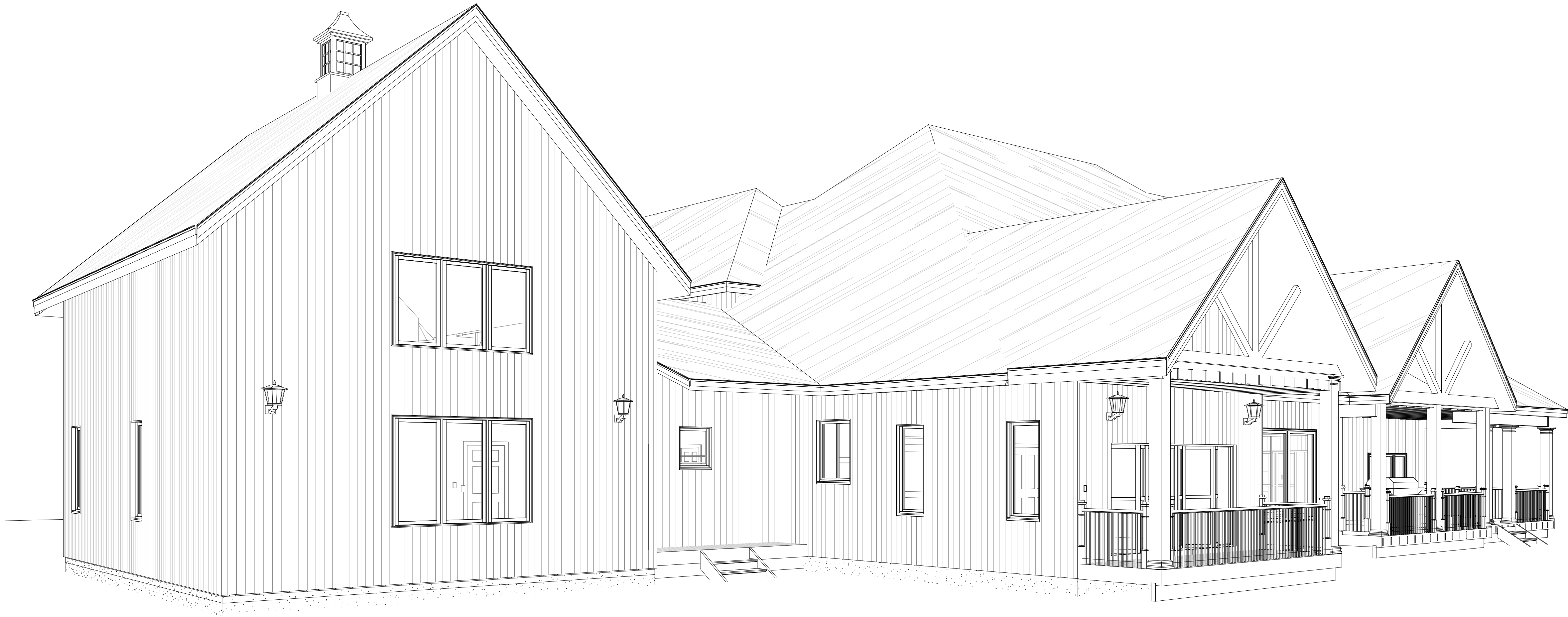


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1 FRONT PERSPECTIVE



2 REAR PERSPECTIVE

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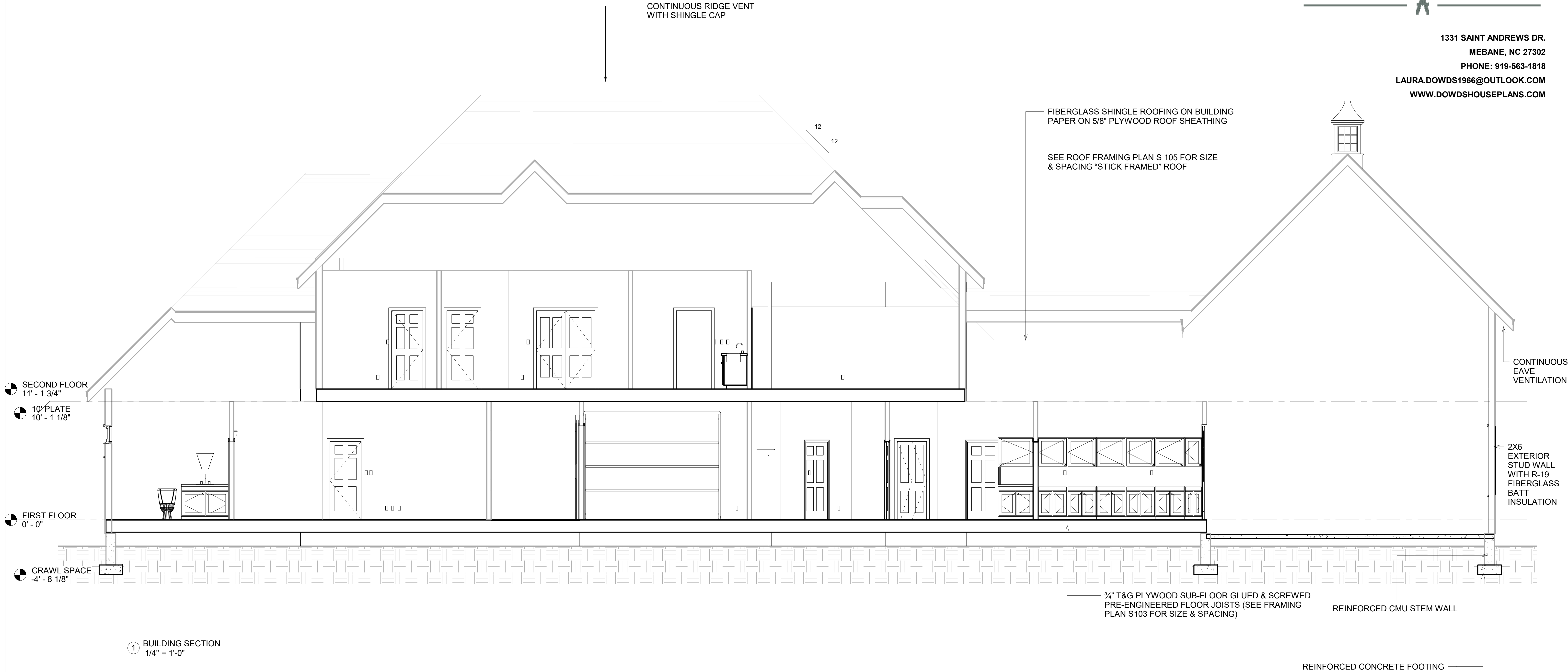
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BUILDING SECTION

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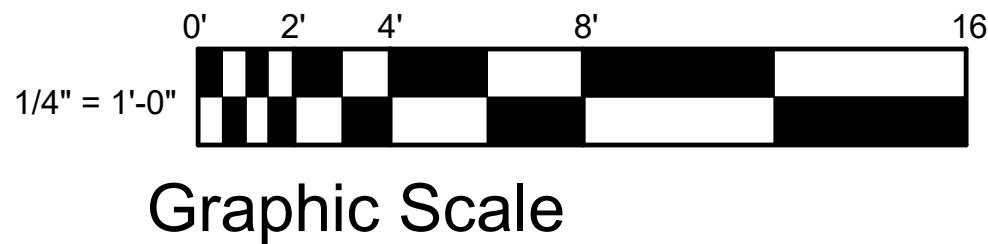
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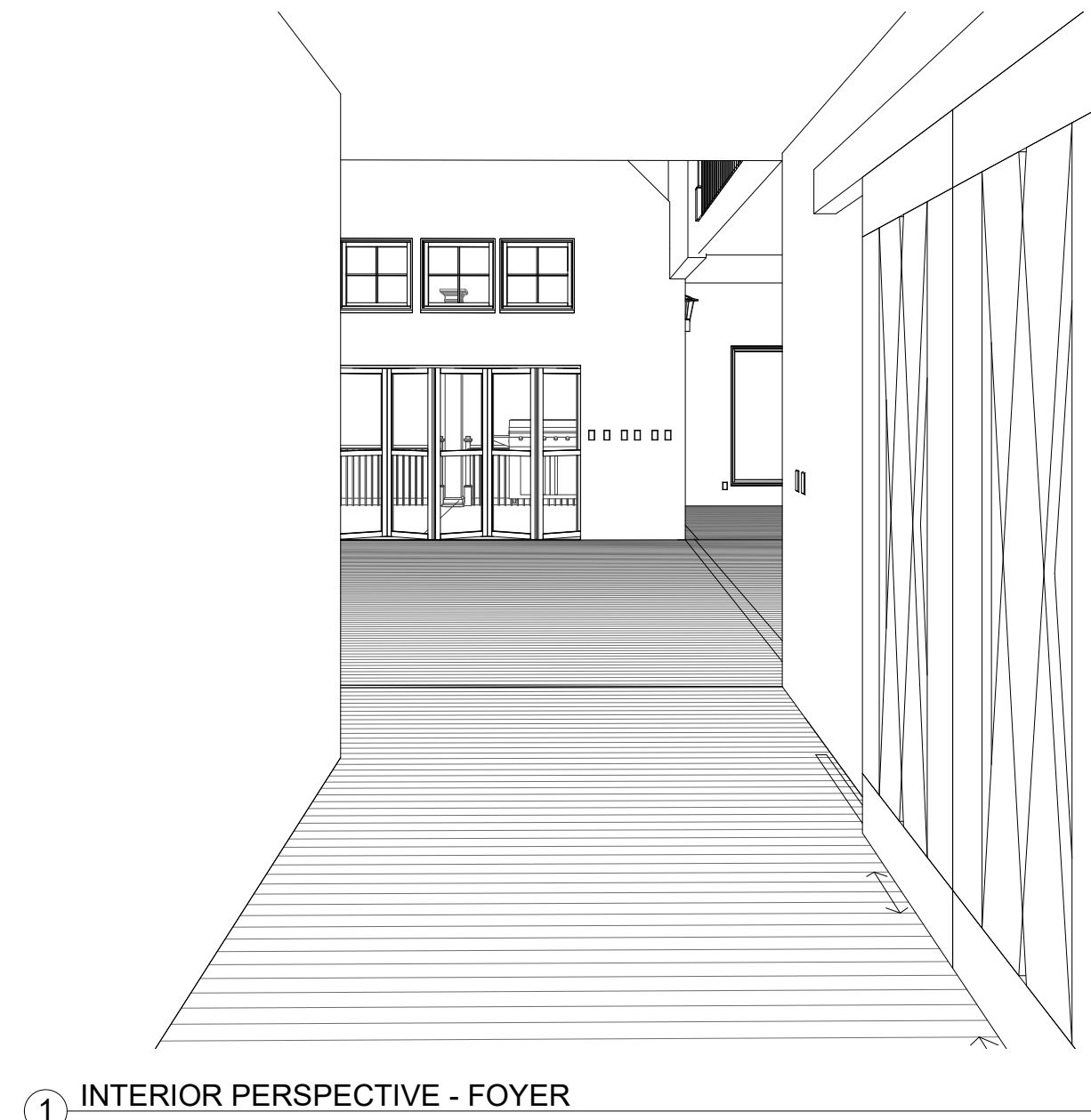
A 301

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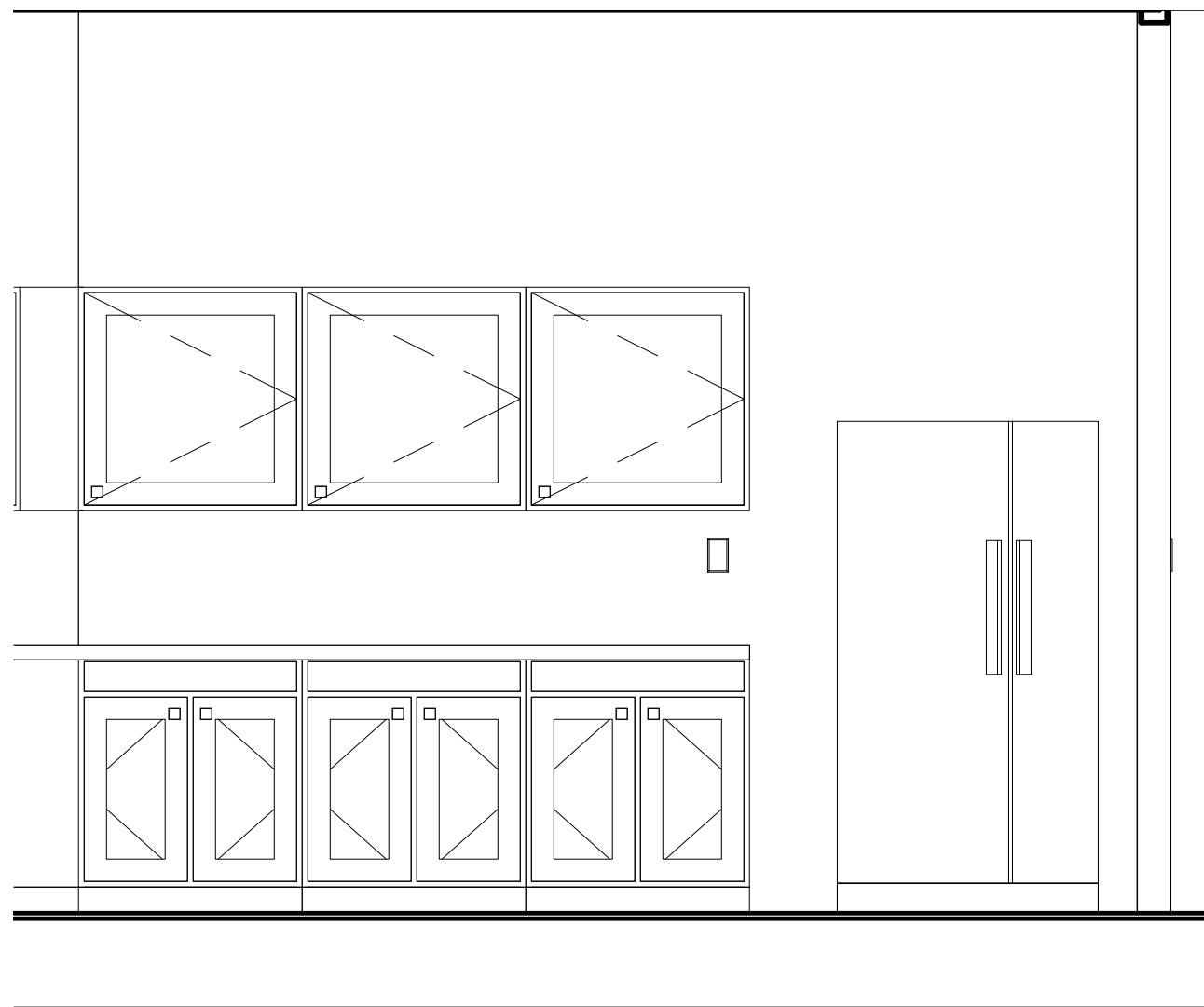
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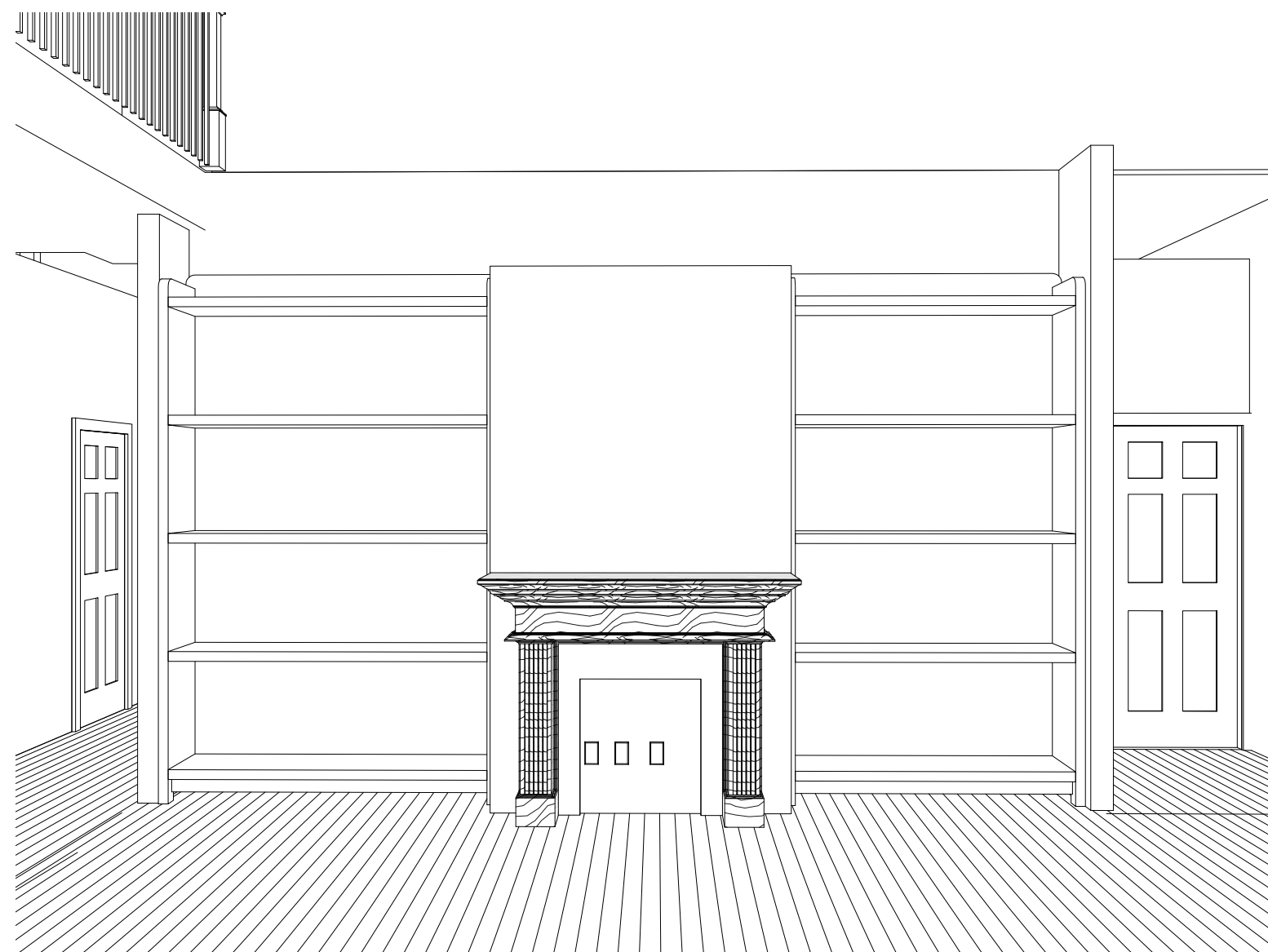
1 INTERIOR PERSPECTIVE - FOYER



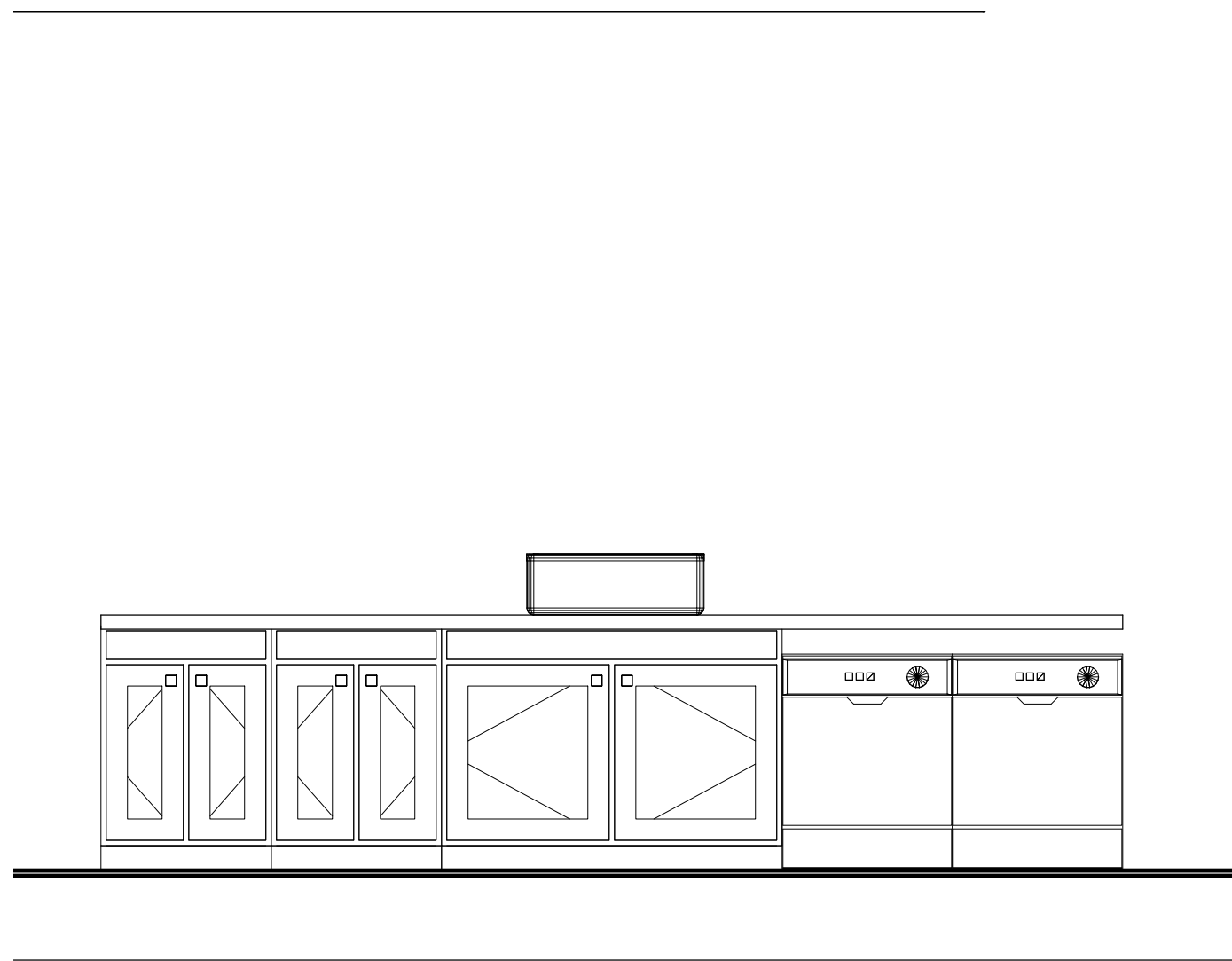
3 KITCHEN ELEVATION "A"
1/2" = 1'-0"



4 KITCHEN ELEVATION "B"
1/2" = 1'-0"



2 INTERIOR PERSPECTIVE - GREAT ROOM



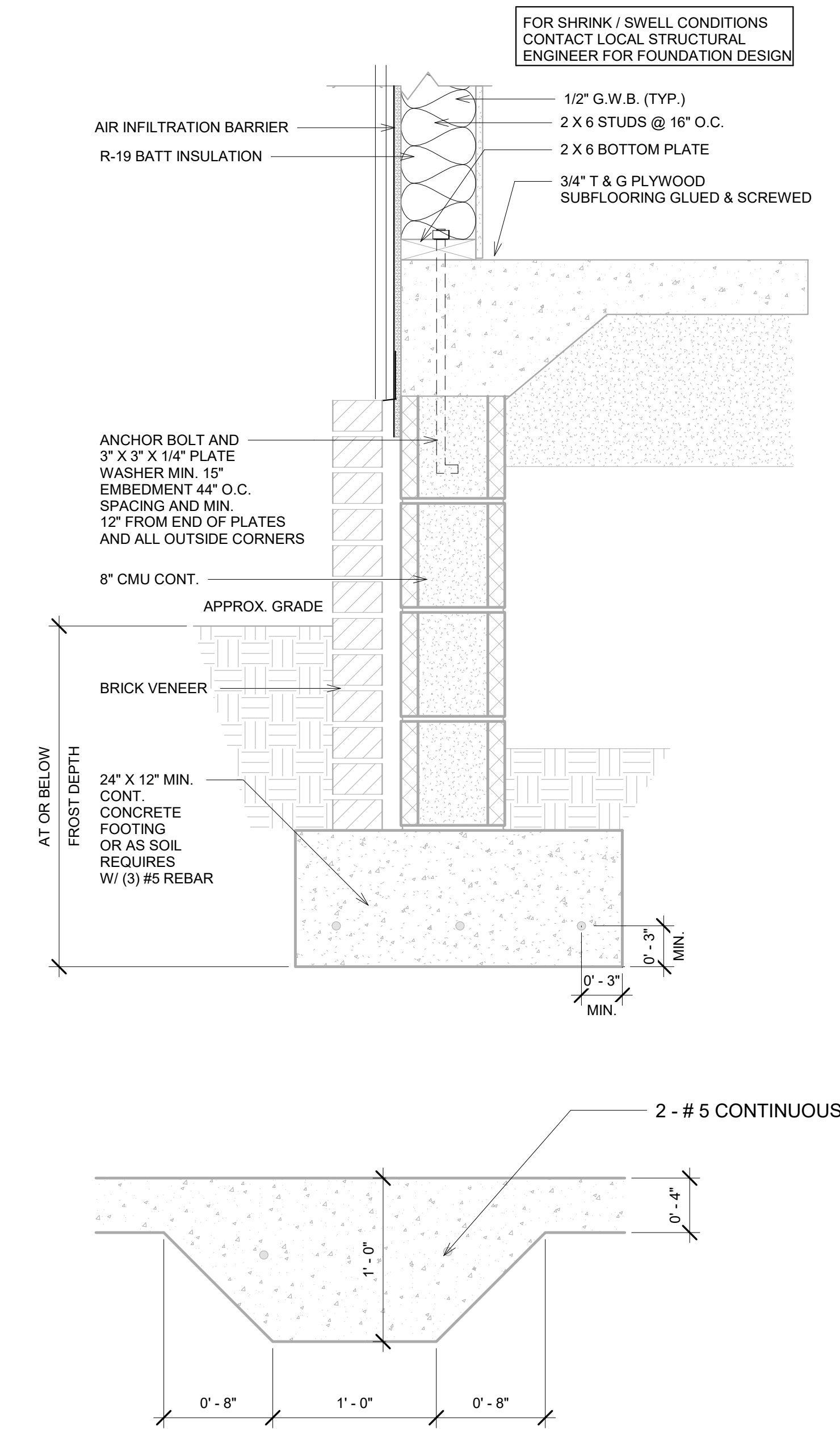
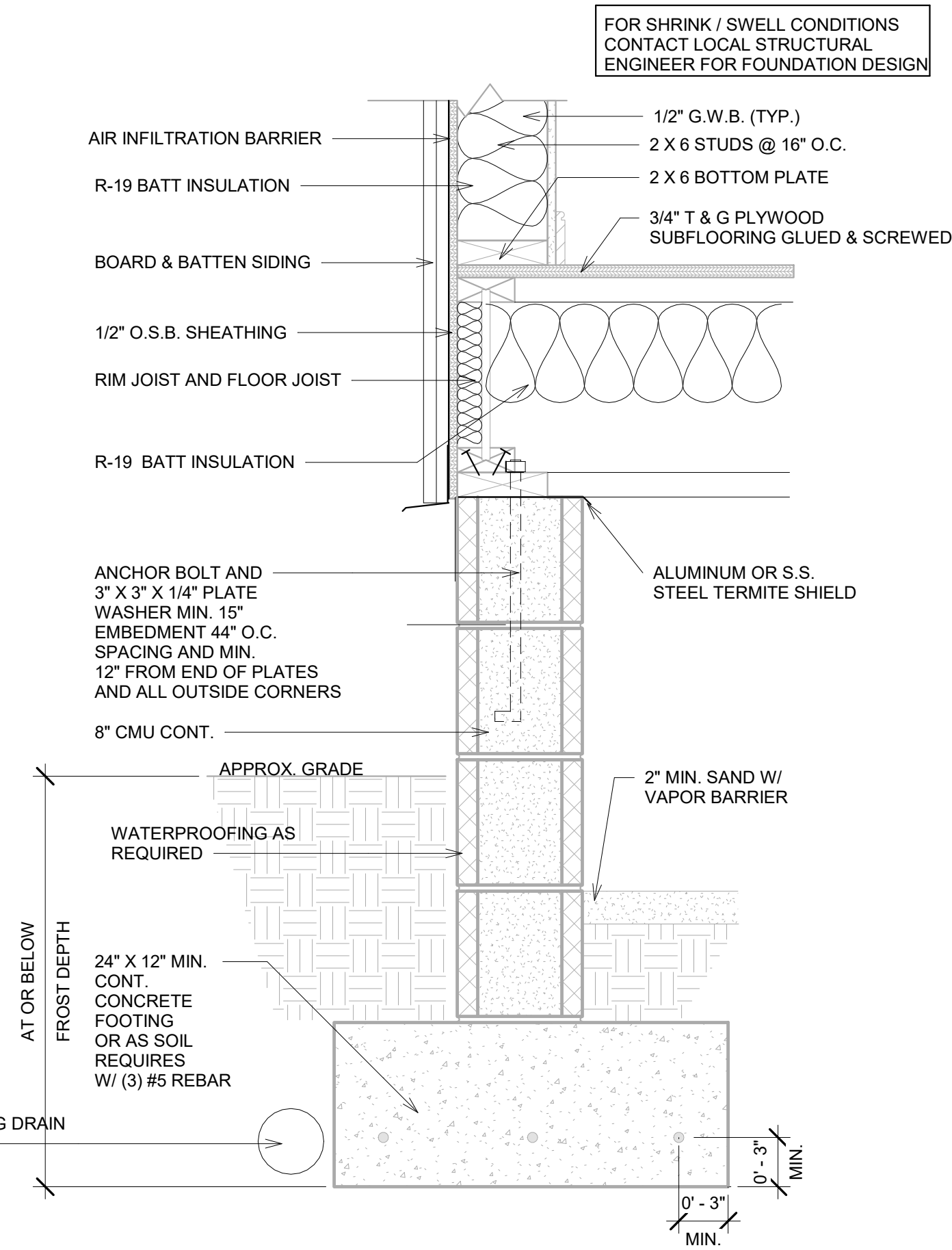
5 KITCHEN ELEVATION "C"
1/2" = 1'-0"

REVISIONS	
NO.	DATE/DESCRIPTION

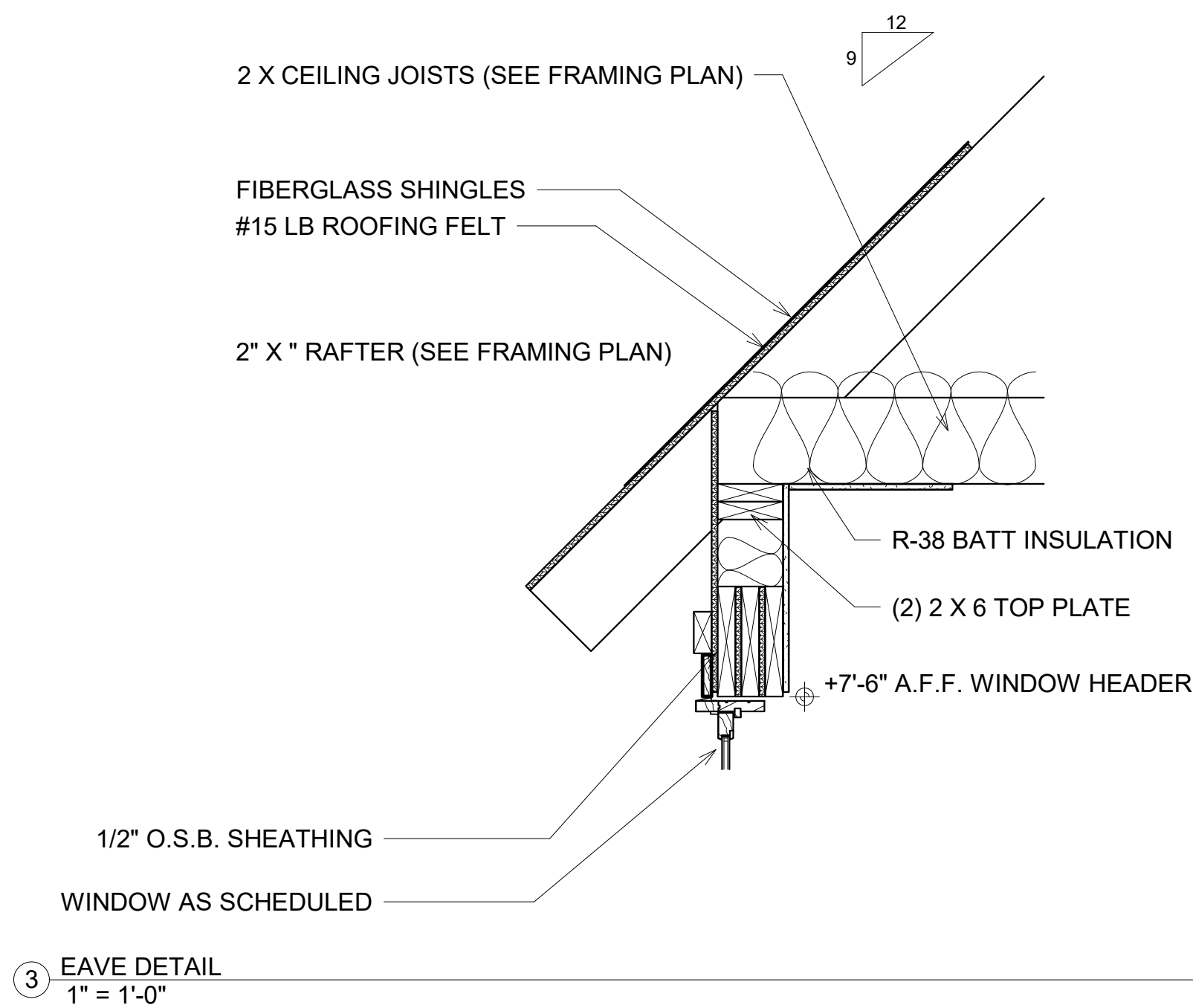
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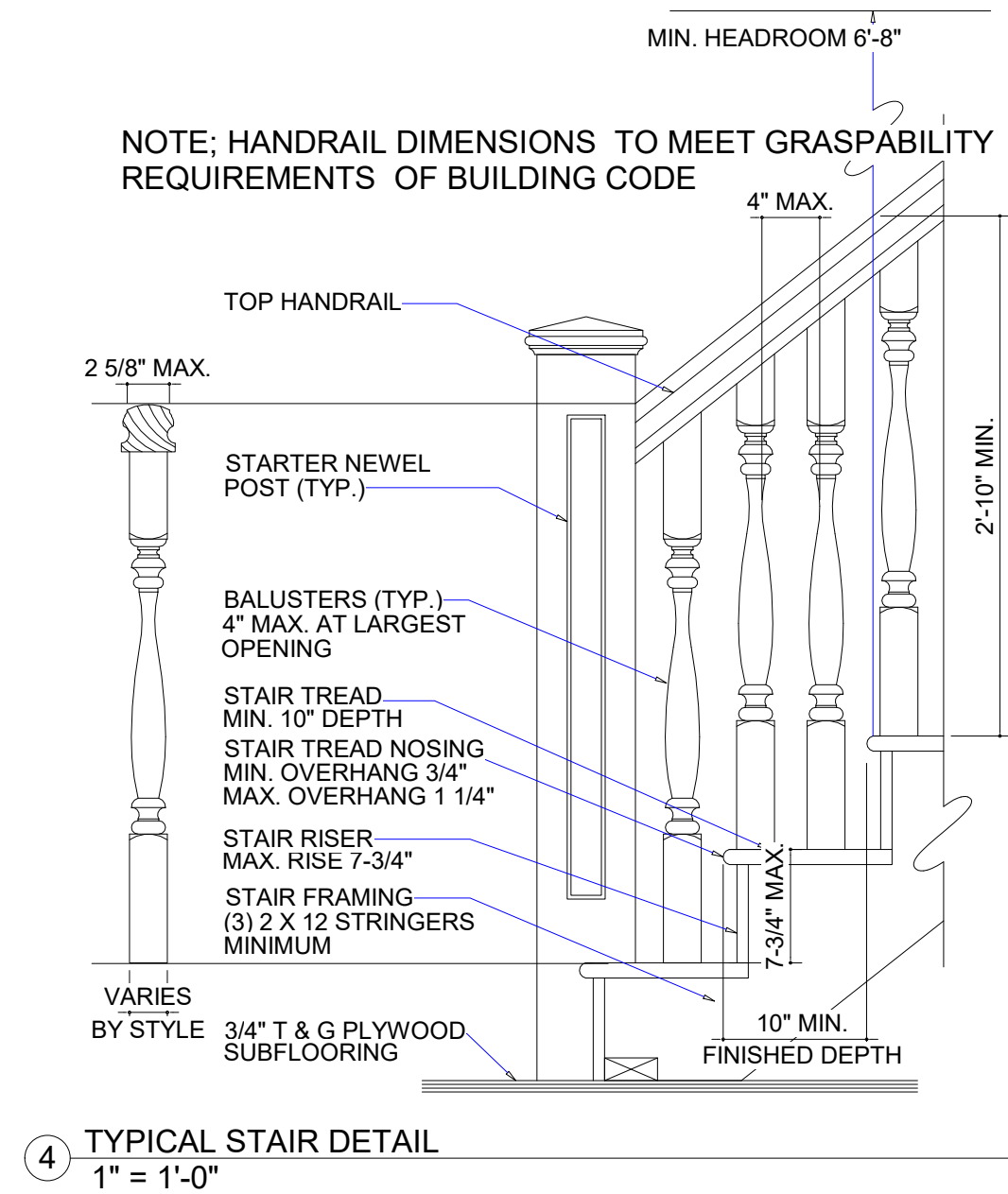
1 CRAWLSPACE FOUNDATION DETAILS
1 1/2" = 1'-0"



2 SLAB FOUNDATION DETAILS
1 1/2" = 1'-0"



3 EAVE DETAIL
1" = 1'-0"



4 TYPICAL STAIR DETAIL
1" = 1'-0"

dowds
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LOCAL PROFESSIONAL SEAL

EARNHARDT RESIDENCE

DEATAILS

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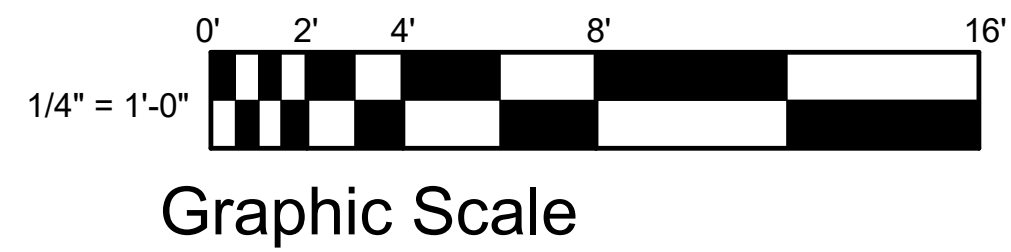
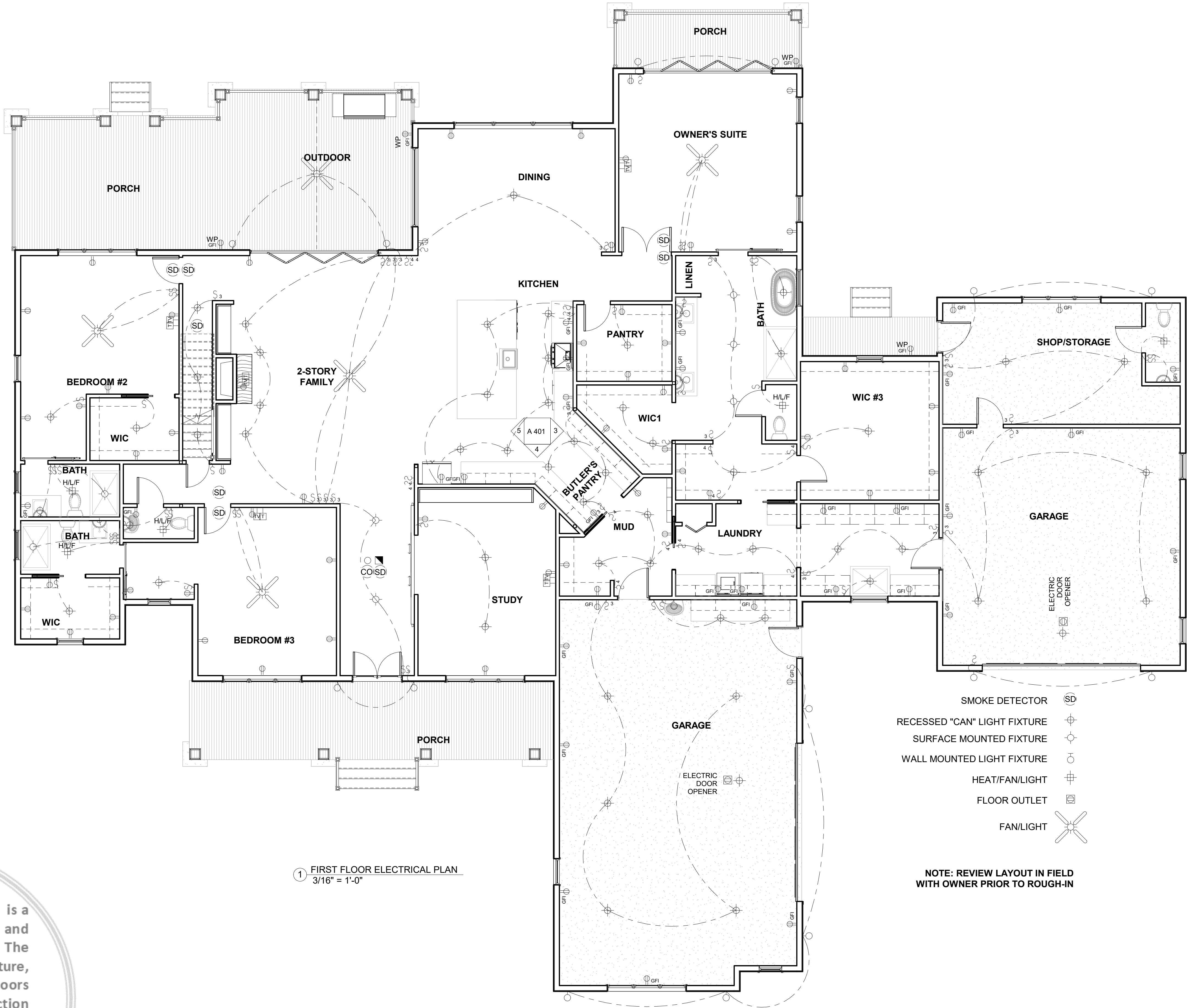
DATE
PLAN NUMBER

SHEET NUMBER

D 101

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dowds

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LOCAL PROFESSIONAL SEAL

EARNHARDT RESIDENCE

FIRST FLOOR ELECTRICAL PLAN

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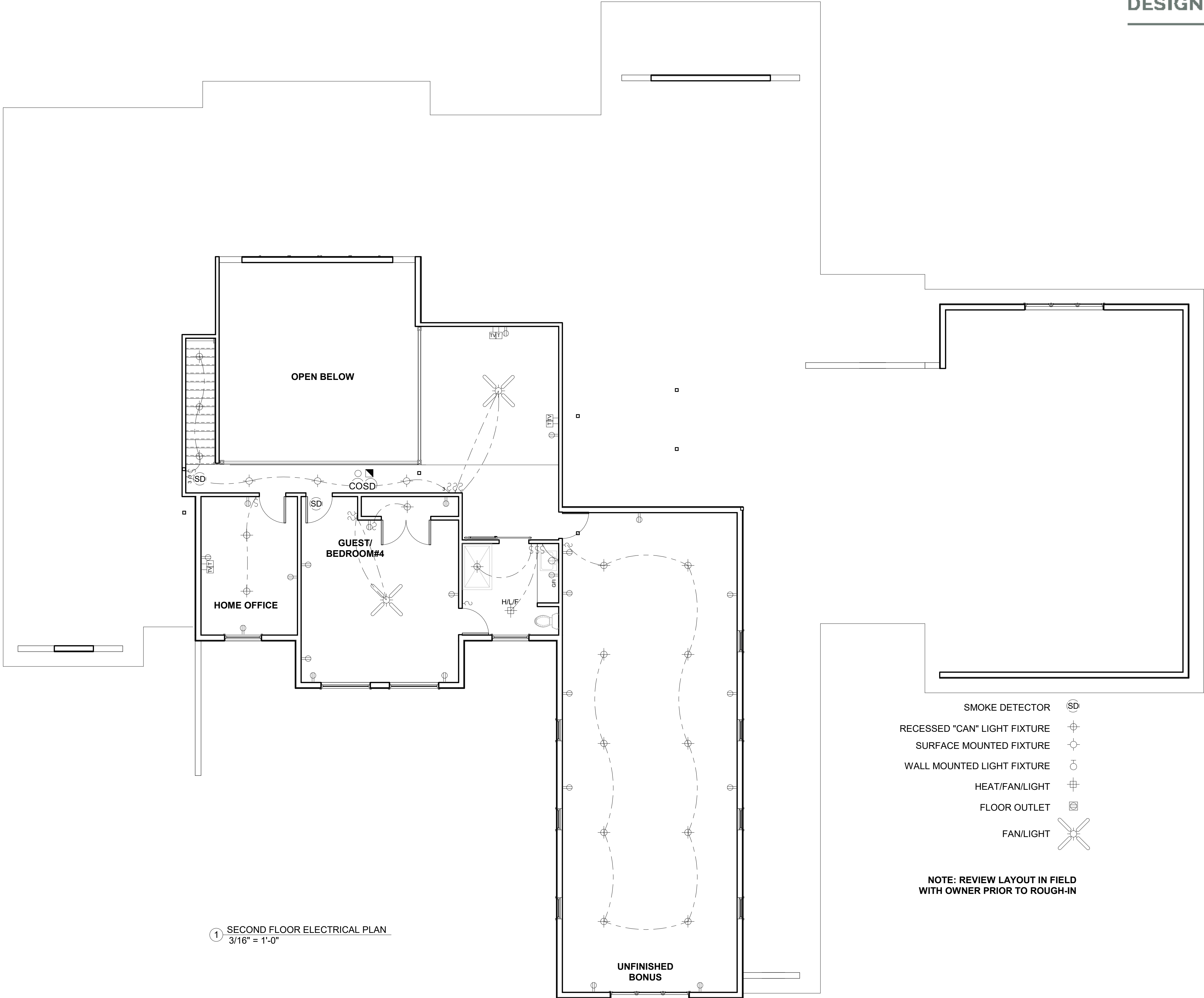
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DATE
PLAN NUMBER

SHEET NUMBER

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E 102

This architectural floor plan depicts a building with a complex, irregular footprint. The plan is divided into several rooms and corridors, with dimensions provided in feet and inches. The overall dimensions are 118'-2 1/2" wide by 83'-2" deep. The plan includes a large central room, a smaller room on the left, a room on the right, and a bathroom. The layout is defined by thick black lines representing walls and thinner lines for doors and windows. Dimensions are labeled throughout the plan, including room sizes, wall thicknesses, and overall building dimensions.

Overall Dimensions:

- Overall Width: 118'-2 1/2"
- Overall Depth: 83'-2"

Room Dimensions and Layout:

- Top Left Room:** 40'-2" x 12'-10"
- Top Right Room:** 20'-3 1/2" x 13'-9"
- Bottom Left Room:** 36'-6 1/2" x 31'-4"
- Bottom Right Room:** 18'-8" x 37'-4 1/2"
- Central Room:** 16'-4 1/4" x 12'-11 1/2"
- Right Room:** 25'-0" x 37'-7 1/2"
- Top Corridor:** 9'-0" x 5'-6 1/2"
- Bottom Corridor:** 13'-0" x 7'-5 1/4"
- Left Corridor:** 7'-4" x 3'-8 1/2"
- Right Corridor:** 5'-11" x 5'-5 1/4"
- Bathroom:** 5'-11" x 5'-5 1/4"

Other Dimensions:

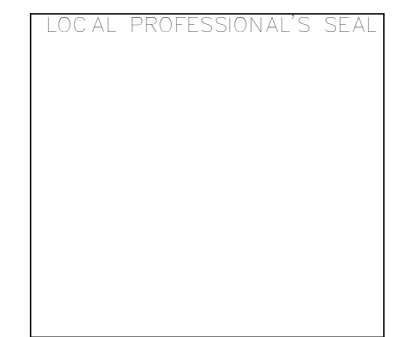
- Room 1 (Top Left): 14'-8" x 6'-9"
- Room 2 (Top Right): 13'-1 5/8" x 5'-6 1/2"
- Room 3 (Bottom Left): 15'-11" x 9'-1"
- Room 4 (Bottom Right): 12'-8" x 10'-0"
- Room 5 (Central): 11'-9" x 11'-9"
- Room 6 (Right): 12'-8" x 10'-0"
- Room 7 (Top): 9'-5" x 9'-5"
- Room 8 (Bottom): 10'-4" x 11'-0"
- Room 9 (Left): 7'-4" x 3'-4"
- Room 10 (Right): 12'-8" x 10'-0"
- Room 11 (Top): 9'-0" x 5'-0"
- Room 12 (Bottom): 13'-0" x 7'-5 1/4"
- Room 13 (Left): 7'-4" x 3'-4"
- Room 14 (Right): 12'-8" x 10'-0"
- Room 15 (Top): 9'-0" x 5'-0"
- Room 16 (Bottom): 13'-0" x 7'-5 1/4"
- Room 17 (Left): 7'-4" x 3'-4"
- Room 18 (Right): 12'-8" x 10'-0"
- Room 19 (Top): 9'-0" x 5'-0"
- Room 20 (Bottom): 13'-0" x 7'-5 1/4"
- Room 21 (Left): 7'-4" x 3'-4"
- Room 22 (Right): 12'-8" x 10'-0"
- Room 23 (Top): 9'-0" x 5'-0"
- Room 24 (Bottom): 13'-0" x 7'-5 1/4"
- Room 25 (Left): 7'-4" x 3'-4"
- Room 26 (Right): 12'-8" x 10'-0"
- Room 27 (Top): 9'-0" x 5'-0"
- Room 28 (Bottom): 13'-0" x 7'-5 1/4"
- Room 29 (Left): 7'-4" x 3'-4"
- Room 30 (Right): 12'-8" x 10'-0"
- Room 31 (Top): 9'-0" x 5'-0"
- Room 32 (Bottom): 13'-0" x 7'-5 1/4"
- Room 33 (Left): 7'-4" x 3'-4"
- Room 34 (Right): 12'-8" x 10'-0"
- Room 35 (Top): 9'-0" x 5'-0"
- Room 36 (Bottom): 13'-0" x 7'-5 1/4"
- Room 37 (Left): 7'-4" x 3'-4"
- Room 38 (Right): 12'-8" x 10'-0"
- Room 39 (Top): 9'-0" x 5'-0"
- Room 40 (Bottom): 13'-0" x 7'-5 1/4"
- Room 41 (Left): 7'-4" x 3'-4"
- Room 42 (Right): 12'-8" x 10'-0"
- Room 43 (Top): 9'-0" x 5'-0"
- Room 44 (Bottom): 13'-0" x 7'-5 1/4"
- Room 45 (Left): 7'-4" x 3'-4"
- Room 46 (Right): 12'-8" x 10'-0"
- Room 47 (Top): 9'-0" x 5'-0"
- Room 48 (Bottom): 13'-0" x 7'-5 1/4"
- Room 49 (Left): 7'-4" x 3'-4"
- Room 50 (Right): 12'-8" x 10'-0"

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0' 2' 4' 8' 16'

1/4" = 1'-0"

Graphic Scale



EARNHARDT RESIDENCE

FOUNDATION PLAN

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L/480 Live Load Deflection

Depth	TJI®	40 PSF Live Load / 10 PSF Dead Load				40 PSF Live Load / 20 PSF Dead Load			
		12" o.c.	16" o.c.	19.2" o.c.	24" o.c.	12" o.c.	16" o.c.	19.2" o.c.	24" o.c.
9½"	110	16'-11"	15'-6"	14'-7"	13'-7"	16'-11"	15'-6"	14'-3"	12'-9"
	210	17'-9"	16'-3"	15'-4"	14'-3"	17'-9"	16'-3"	13'-4"	14'-0"
	230	18'-3"	16'-8"	15'-9"	14'-8"	18'-3"	16'-8"	13'-9"	14'-8"
11½"	110	20'-2"	18'-5"	17'-4"	13'-9" ⁽¹⁾	20'-2"	17'-8"	16'-1" ⁽¹⁾	14'-4" ⁽¹⁾
	210	21'-1"	19'-3"	18'-2"	16'-11"	21'-1"	19'-3"	17'-8"	15'-9" ⁽¹⁾
	230	21'-8"	19'-10"	18'-8"	17'-5"	21'-8"	19'-10"	18'-7"	16'-7" ⁽¹⁾
14"	360	22'-11"	20'-11"	19'-8"	18'-4"	22'-11"	20'-11"	19'-8"	17'-10" ⁽¹⁾
	560	26'-1"	23'-8"	22'-4"	20'-9"	26'-1"	23'-8"	22'-4"	20'-9" ⁽¹⁾
	110	22'-10"	20'-11"	19'-2"	17'-2" ⁽¹⁾	22'-2"	19'-2"	17'-6" ⁽¹⁾	15'-0" ⁽¹⁾
16"	210	23'-11"	21'-10"	20'-8"	18'-10" ⁽¹⁾	23'-11"	21'-1"	19'-2" ⁽¹⁾	16'-7" ⁽¹⁾
	230	24'-8"	22'-6"	21'-2"	19'-9" ⁽¹⁾	24'-8"	22'-2"	20'-3" ⁽¹⁾	17'-6" ⁽¹⁾
	360	26'-0"	23'-8"	22'-4"	20'-9" ⁽¹⁾	26'-0"	23'-8"	22'-4" ⁽¹⁾	17'-10" ⁽¹⁾
	560	29'-6"	26'-10"	25'-4"	23'-6"	29'-6"	26'-10"	25'-4" ⁽¹⁾	20'-11" ⁽¹⁾
18"	210	26'-6"	24'-3"	22'-6" ⁽¹⁾	19'-11" ⁽¹⁾	26'-0"	22'-6" ⁽¹⁾	20'-7" ⁽¹⁾	16'-7" ⁽¹⁾
	230	27'-3"	24'-10"	23'-6"	21'-1" ⁽¹⁾	27'-3"	23'-9"	21'-8" ⁽¹⁾	17'-6" ⁽¹⁾
	360	28'-9"	26'-3"	24'-8" ⁽¹⁾	21'-5" ⁽¹⁾	28'-9"	26'-3" ⁽¹⁾	22'-4" ⁽¹⁾	17'-10" ⁽¹⁾
	560	32'-8"	29'-8"	28'-0"	25'-2" ⁽¹⁾	32'-8"	29'-8"	26'-3" ⁽¹⁾	20'-11" ⁽¹⁾

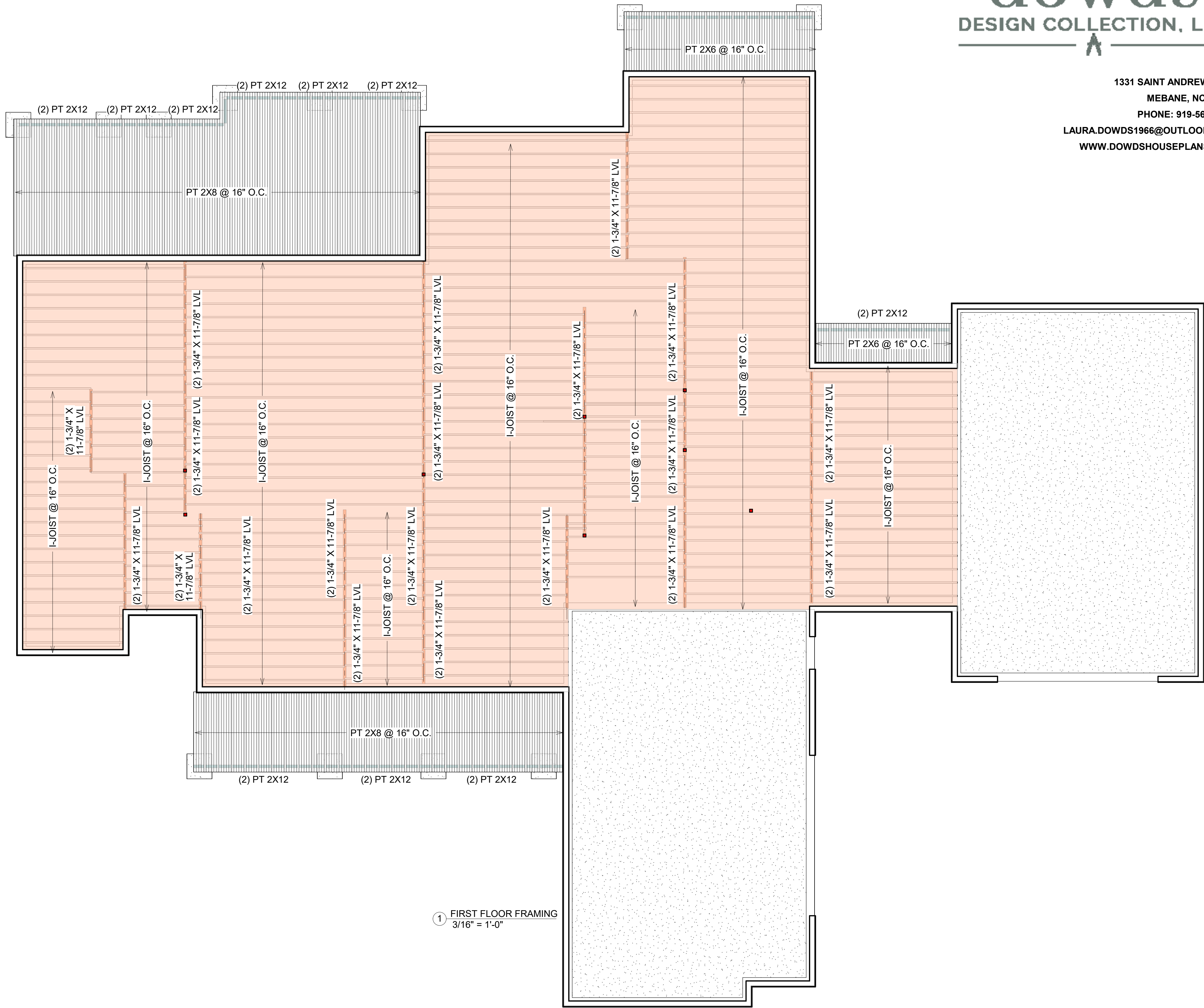
L/360 Live Load Deflection (Minimum Criteria per Code)

Depth	TJI®	40 PSF Live Load / 10 PSF Dead Load				40 PSF Live Load / 20 PSF Dead Load			
		12" o.c.	16" o.c.	19.2" o.c.	24" o.c.	12" o.c.	16" o.c.	19.2" o.c.	24" o.c.
9½"	110	18'-9"	17'-2"	15'-8"	14'-0"	18'-1"	15'-8"	14'-3"	12'-9"
	210	19'-8"	18'-0"	17'-0"	15'-4"	19'-8"	17'-2"	15'-8"	14'-0"
	230	20'-3"	18'-6"	17'-5"	16'-2"	20'-3"	18'-1"	16'-6"	14'-9"
11½"	110	22'-3"	19'-4"	17'-8"	15'-9" ⁽¹⁾	20'-5"	17'-8"	16'-1" ⁽¹⁾	14'-4" ⁽¹⁾
	210	23'-4"	21'-2"	19'-4"	17'-3" ⁽¹⁾	22'-4"	19'-4"	17'-8"	15'-9" ⁽¹⁾
	230	24'-0"	21'-11"	20'-5"	18'-3"	23'-7"	20'-5"	18'-7"	16'-7" ⁽¹⁾
14"	360	25'-4"	23'-2"	21'-10"	20'-4" ⁽¹⁾	25'-4"	23'-2"	21'-10" ⁽¹⁾	17'-10" ⁽¹⁾
	560	28'-10"	26'-3"	24'-9"	23'-0"	28'-10"	26'-3"	24'-9"	20'-11" ⁽¹⁾
	110	24'-4"	21'-0"	19'-2"	17'-2" ⁽¹⁾	22'-2"	19'-2"	17'-6" ⁽¹⁾	15'-0" ⁽¹⁾
16"	210	26'-6"	23'-1"	21'-1"	18'-10" ⁽¹⁾	24'-4"	21'-1"	19'-2" ⁽¹⁾	16'-7" ⁽¹⁾
	230	27'-3"	24'-4"	22'-2"	19'-10" ⁽¹⁾	25'-8"	22'-2"	20'-3" ⁽¹⁾	17'-6" ⁽¹⁾
	360	28'-9"	26'-3"	24'-9" ⁽¹⁾	21'-5" ⁽¹⁾	28'-9"	26'-3" ⁽¹⁾	22'-4" ⁽¹⁾	17'-10" ⁽¹⁾
18"	560	32'-8"	29'-9"	28'-0"	25'-2" ⁽¹⁾	32'-8"	29'-9"	26'-3" ⁽¹⁾	20'-11" ⁽¹⁾
	210	28'-6"	24'-8"	22'-6" ⁽¹⁾	19'-11" ⁽¹⁾	26'-0"	22'-6" ⁽¹⁾	20'-7" ⁽¹⁾	16'-7" ⁽¹⁾
	230	30'-1"	26'-0"	23'-9"	21'-1" ⁽¹⁾	27'-5"	23'-9"	21'-8" ⁽¹⁾	17'-6" ⁽¹⁾
	360	31'-10"	29'-0"	26'-10" ⁽¹⁾	21'-5" ⁽¹⁾	31'-10"	26'-10" ⁽¹⁾	22'-4" ⁽¹⁾	17'-10" ⁽¹⁾
	560	36'-1"	32'-11"	31'-0" ⁽¹⁾	25'-2" ⁽¹⁾	36'-1"	31'-6" ⁽¹⁾	26'-3" ⁽¹⁾	20'-11" ⁽¹⁾

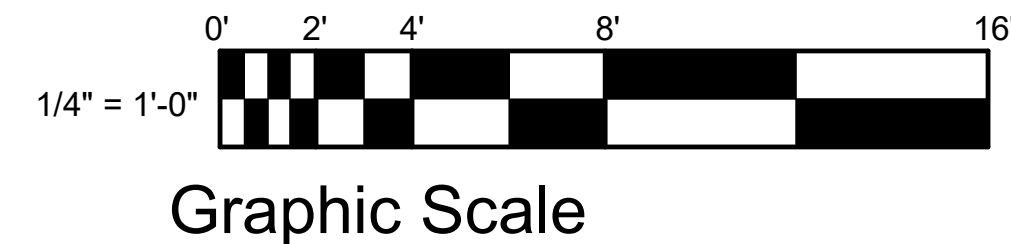
(1) Web stiffeners are required at intermediate supports of continuous-span joists when the intermediate bearing length is less than 5¼" and the span on either side of the intermediate bearing is greater than the following spans:

TJI®	40 PSF Live Load / 10 PSF Dead Load				40 PSF Live Load / 20 PSF Dead Load			
	12" o.c.	16" o.c.	19.2" o.c.	24" o.c.	12" o.c.	16" o.c.	19.2" o.c.	24" o.c.
110	N.A.	N.A.	N.A.	15'-4"	N.A.	N.A.	16'-0"	12'-9"
210	N.A.	N.A.	21'-4"	17'-0"	N.A.	21'-4"	17'-9"	14'-2"
230	N.A.	N.A.	N.A.	19'-2"	N.A.	N.A.	19'-11"	15'-11"
360	N.A.	N.A.	24'-5"	19'-6"	N.A.	24'-5"	20'-4"	16'-3"
560	N.A.	N.A.	29'-10"	23'-10"	N.A.	29'-10"	24'-10"	19'-10"

■ Long-term deflection under dead load, which includes the effect of creep, has not been considered. ***Bold Italic*** spans reflect initial dead load deflection exceeding 0.33".



① FIRST FLOOR FRAMING
3/16\" = 1'-0"



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LOCAL PROFESSIONALS

EARNHARDT RESIDENCE
FIRST FLOOR FRAMING PLAN

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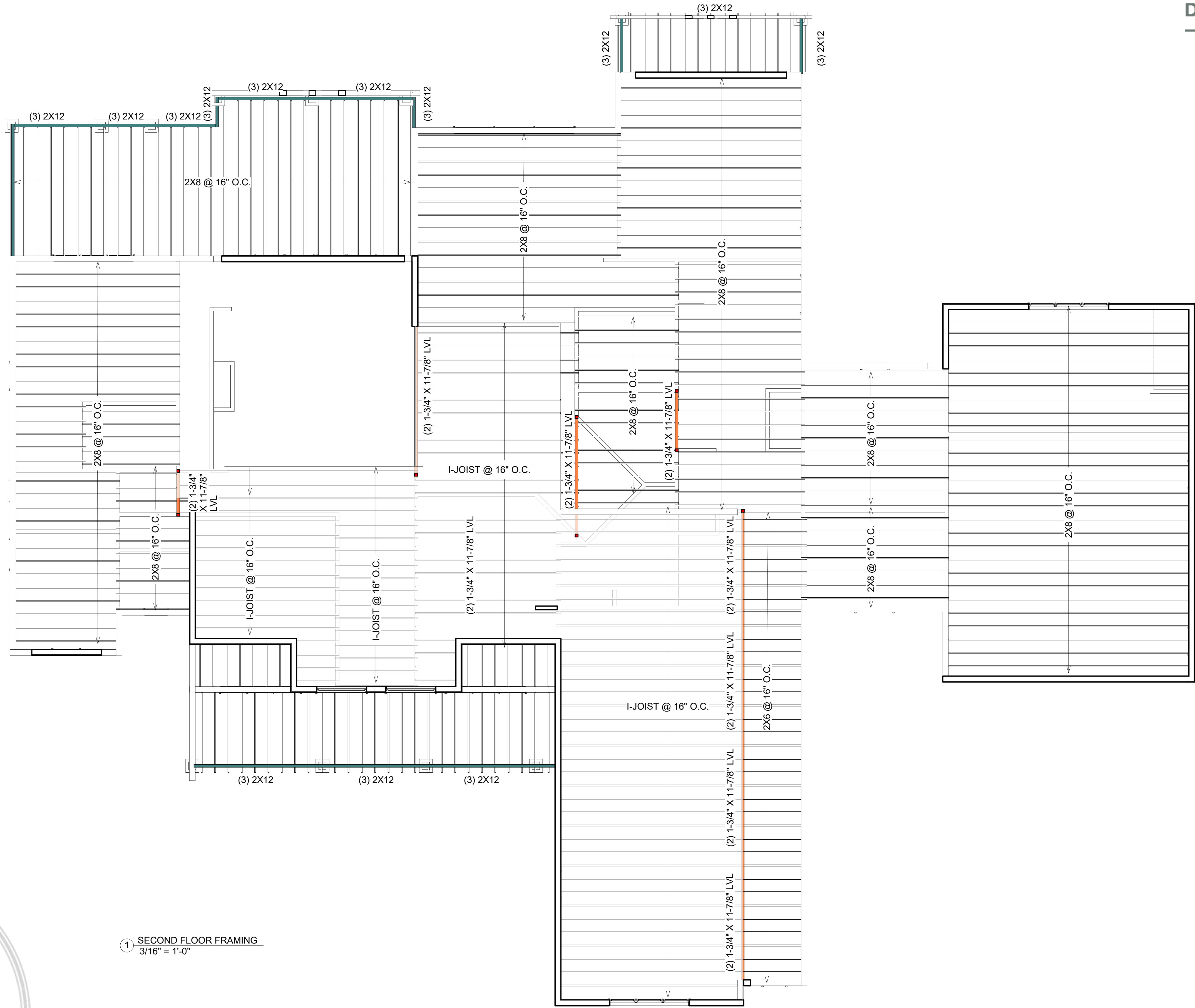
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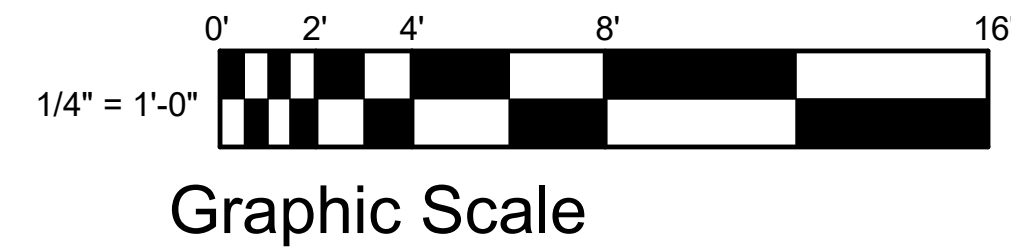
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① SECOND FLOOR FRAMING
3/16" = 1'-0"



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SECOND FLOOR FRAMING PLAN

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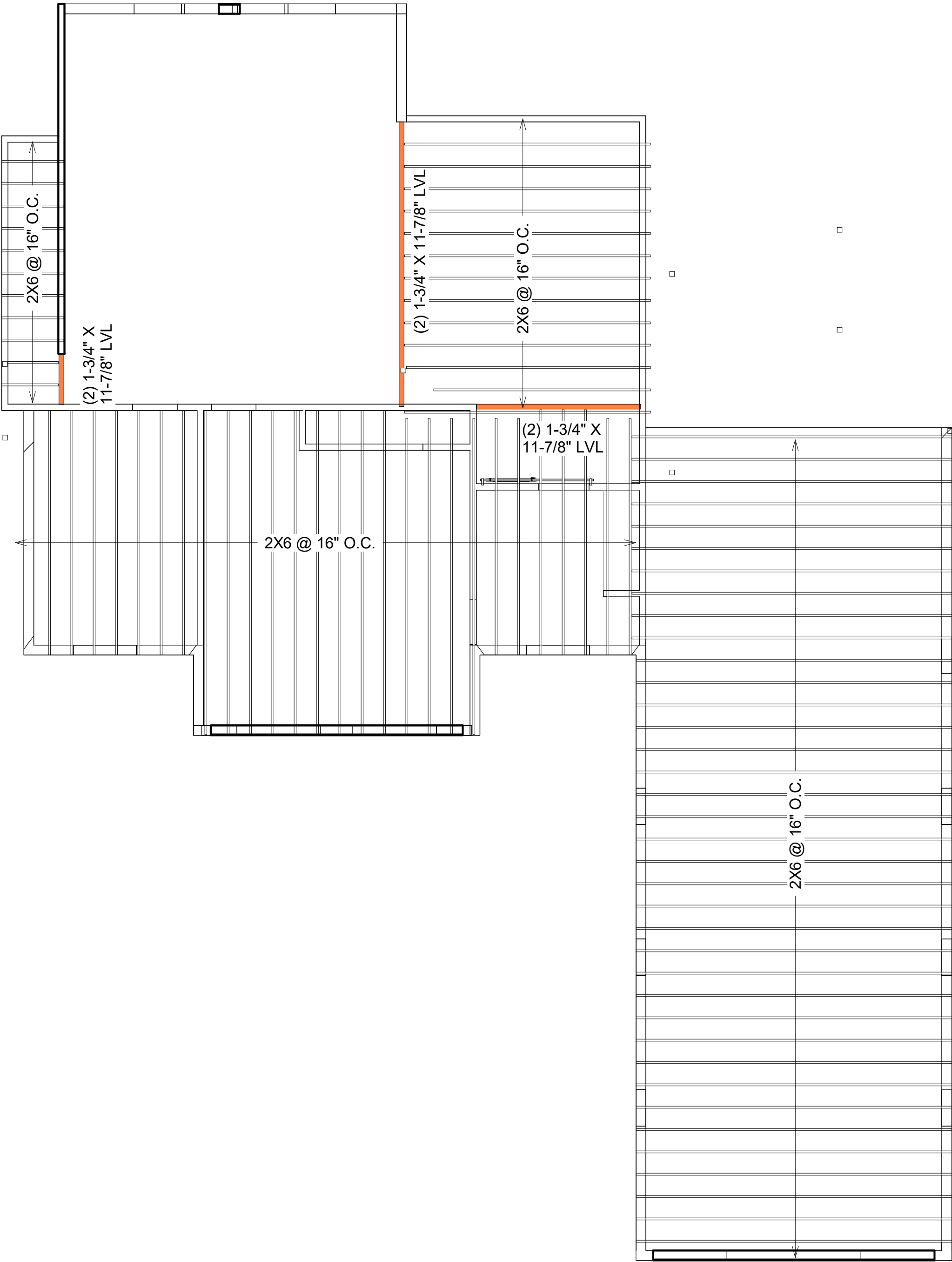
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1 SECOND FLOOR CEILING FRAMING
3/16" = 1'-0"



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LOCAL PROFESSIONAL SEAL

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CEILING FRAMING PLAN

CEILING JOISTS

20# LIVE LOAD 10# DEAD LOAD L/360

Design Criteria: Strength - 20 lbs. per sq. ft. live load, plus 10 lbs. per sq. ft. dead load.
Deflection - Limited in span in inches divided by 360 for live load only.

Species or Group		Grade		Span (feet and inches)															
				2 x 4				2 x 6				2 x 8				2 x 10			
				spacing on center															
				12"	16"	19.2"	24"	12"	16"	19.2"	24"	12"	16"	19.2"	24"	12"	16"	19.2"	24"
Douglas Fir-Larch	Sel. Struc.	9-7	8-3	7-9	7-3	14-4	13-0	12-3	11-4	18-10	17-2	16-1	15-0	24-1	21-10	20-7	19-1		
	No.1 & Btr.	8-11	8-1	7-8	7-1	14-1	12-9	12-0	11-2	18-6	16-10	15-10	14-8	23-8	21-6	20-2	18-9		
	No.1	8-9	8-0	7-6	7-0	13-9	12-6	11-9	10-11	18-2	16-6	15-6	14-2	23-2	21-1	19-5	17-4		
	No.2	8-7	7-10	7-4	6-10	13-6	12-3	11-7	10-8	17-10	16-2	15-1	13-6	22-9	20-2	18-5	16-6		
Douglas Fir-South	Sel. Struc.	8-3	7-6	7-0	6-6	12-11	11-9	11-1	10-3	17-0	15-6	14-7	13-6	21-9	19-9	18-7	17-3		
	No.1	8-0	7-3	6-10	6-4	12-7	11-5	10-9	10-0	16-7	15-1	14-2	13-2	21-2	19-3	18-1	16-8		
	No.2	7-10	7-1	6-8	6-2	12-3	11-2	10-6	9-9	16-2	14-8	13-10	12-10	20-8	18-9	17-8	16-0		
	No.3	7-7	6-8	6-1	5-5	11-2	9-8	8-10	7-11	14-2	12-4	11-3	10-0	17-4	15-0	13-8	12-3		
Hem-Fir	Sel. Struc.	8-7	7-10	7-4	6-10	13-6	12-3	11-7	10-9	17-10	16-2	15-3	14-2	22-9	20-8	19-5	18-0		
	No.1 & Btr.	8-5	7-8	7-2	6-8	13-3	12-0	11-4	10-6	17-5	15-10	14-11	13-10	22-3	20-2	19-0	17-8		
	No.1	8-5	7-8	7-2	6-8	13-3	12-0	11-4	10-6	17-5	15-10	14-11	13-10	22-3	20-2	19-0	17-1		
	No.2	8-0	7-3	6-10	6-4	12-7	11-5	10-9	10-0	16-7	15-1	14-2	13-1	21-2	19-3	17-10	16-0		
Spruce-Pine-Fir (South)	Sel. Struc.	8-0	7-3	6-10	6-4	12-7	11-5	10-9	10-0	16-7	15-1	14-2	13-2	21-2	19-3	18-1	16-10		
	No.1	7-10	7-1	6-8	6-2	12-3	11-2	10-6	9-9	16-2	14-8	13-10	12-10	20-8	18-9	17-8	16-3		
	No.2	7-7	6-11	6-6	6-0	11-11	10-10	10-2	9-6	15-9	14-3	13-5	12-6	20-1	18-3	17-1	15-3		
	No.3	7-3	6-4	5-9	5-2	10-8	9-3	8-5	7-6	13-6	11-8	10-8	9-6	16-5	14-3	13-0	11-8		
Western Woods	Sel. Struc.	7-10	7-1	6-8	6-2	12-3	11-2	10-6	9-9	16-2	14-8	13-10	12-10	20-8	18-9	17-8	16-5		
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	No.3	6-8	5-9	5-3	4-8	9-8	8-5	7-8	6-10	12-4	10-8	9-9	8-8	15-0	13-0	11-10	10-7		

CEILING JOISTS

10# LIVE LOAD 10# DEAD LOAD L/360

Design Criteria: Strength - 10 lbs. per sq. ft. live load, plus 10 lbs. per sq. ft. dead load.
Deflection - Limited in span in inches divided by 360 for live load only.

Species or Group		Grade		Span (feet and inches)															
				2 x 4				2 x 6				2 x 8				2 x 10			
				spacing on center															
				12"	16"	19.2"	24"	12"	16"	19.2"	24"	12"	16"	19.2"	24"	12"	16"	19.2"	24"
Douglas Fir-Larch	Sel. Struc.	11-6	10-5	9-10	9-1	18-0	16-4	15-5	14-4	23-9	21-7	20-4	18-10	30-4	27-6	25-11	24-1		
	No.1 & Btr.	11-3	10-3	9-8	8-11	17-8	16-1	15-2	14-1	23-4	21-2	19-11	18-6	29-9	27-1	25-5	23-3		
	No.1	11-1	10-0	9-5	8-9	17-4	15-9	14-10	13-9	22-11	20-10	19-5	17-5	29-2	26-0	23-9	21-3		
	No.2	10-10	9-10	9-3	8-7	17-0	15-6	14-7	13-0	22-5	20-2	18-5	16-6	28-6	24-8	22-6	20-2		
No.3	9-7	8-4	7-7	6-10	14-1	12-2	11-1	9-11	17-10	15-5	14-1	12-7	21-9	18-10	17-2	15-5			
Douglas Fir-South	Sel. Struc.	10-4	9-5	8-10	8-3	16-3	14-9	13-11	12-11	21-5	19-6	18-4	17-0	27-5	24-10	23-5	21-9		
	No.1	10-1	9-2	8-8	8-0	15-11	14-5	13-7	12-7	20-11	19-0	17-11	16-7	26-9	24-3	22-10	20-5		
	No.2	9-10	8-11	8-5	7-10	15-6	14-1	13-3	12-3	20-5	18-6	17-5	16-0	26-0	23-8	21-11	19-7		
	No.3	9-5	8-2	7-5	6-8	13-9	11-11	10-10	9-8	17-5	15-1	13-9	12-4	21-3	18-5	16-9	15-0		
Hem-Fir	Sel. Struc.	10-10	9-10	9-3	8-7	17-0	15-6	14-7	13-6	22-5	20-5	19-2	17-10	28-7	26-0	24-6	22-9		
	No.1 & Btr.	10-7	9-8	9-1	8-5	16-8	15-2	14-3	13-3	21-11	19-11	18-9	17-5	28-0	25-5	23-11	22-3		
	No.1	10-7	9-8	9-1	8-5	16-8	15-2	14-3	13-3	21-11	19-11	18-9	17-2	28-0	25-5	23-5	21-0		
	No.2	10-1	9-2	8-8	8-0	15-11	14-5	13-7	12-7	20-11	19-0	17-11	16-0	26-9	24-0	21-11	19-7		
No.3	9-5	8-2	7-5	6-8	13-9	11-11	10-10	9-8	17-5	15-1	13-9	12-4	21-3	18-5	16-9	15-0			
Spruce-Pine-Fir (South)	Sel. Struc.	10-1	9-2	8-8	8-0	15-11	14-5	13-7	12-7	20-11	19-0	17-11	16-7	26-9	24-3	22-10	21-2		
	No.1	9-10	8-11	8-5	7-10	15-6	14-1	13-3	12-3	20-5	18-6	17-5	16-2	26-0	23-8	22-3	19-10		
	No.2	9-7	8-8	8-2	7-7	15-0	13-8	12-10	11-11	19-10	18-0	16-11	15-4	25-3	22-11	20-11	18-8		
	No.3	8-11	7-9	7-0	6-4	13-0	11-3	10-4	9-3	16-6	14-3	13-0	11-8	20-2	17-5	15-11	14-3		
Western Woods	Sel. Struc.	9-10	8-11	8-5	7-10	15-6	14-1	13-3	12-3	20-5	18-6	17-5	16-2	26-0	23-8	22-3	20-2		
	No.1	9-7	8-8	8-2	7-7	15-0	13-8	12-7	11-3	19-10	17-6	16-0	14-3	24-8	21-4	19-6	17-5		
	No.2	9-3	8-5	7-11	7-4	14-7	13-3	12-5	11-3	19-2	17-5	16-0	14-3	24-6	21-4	19-6	17-5		
	No.3	8-2	7-0	6-5	5-9	11-11	10-4	9-5	8-5	15-1	13-0	11-11	10-8	18-5	15-11	14-6	13-0		



Graphic Scale

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REVISIONS	
NO.	DATE/DESCRIPTION

DATE
PLAN NUMBER

SHEET NUMBER

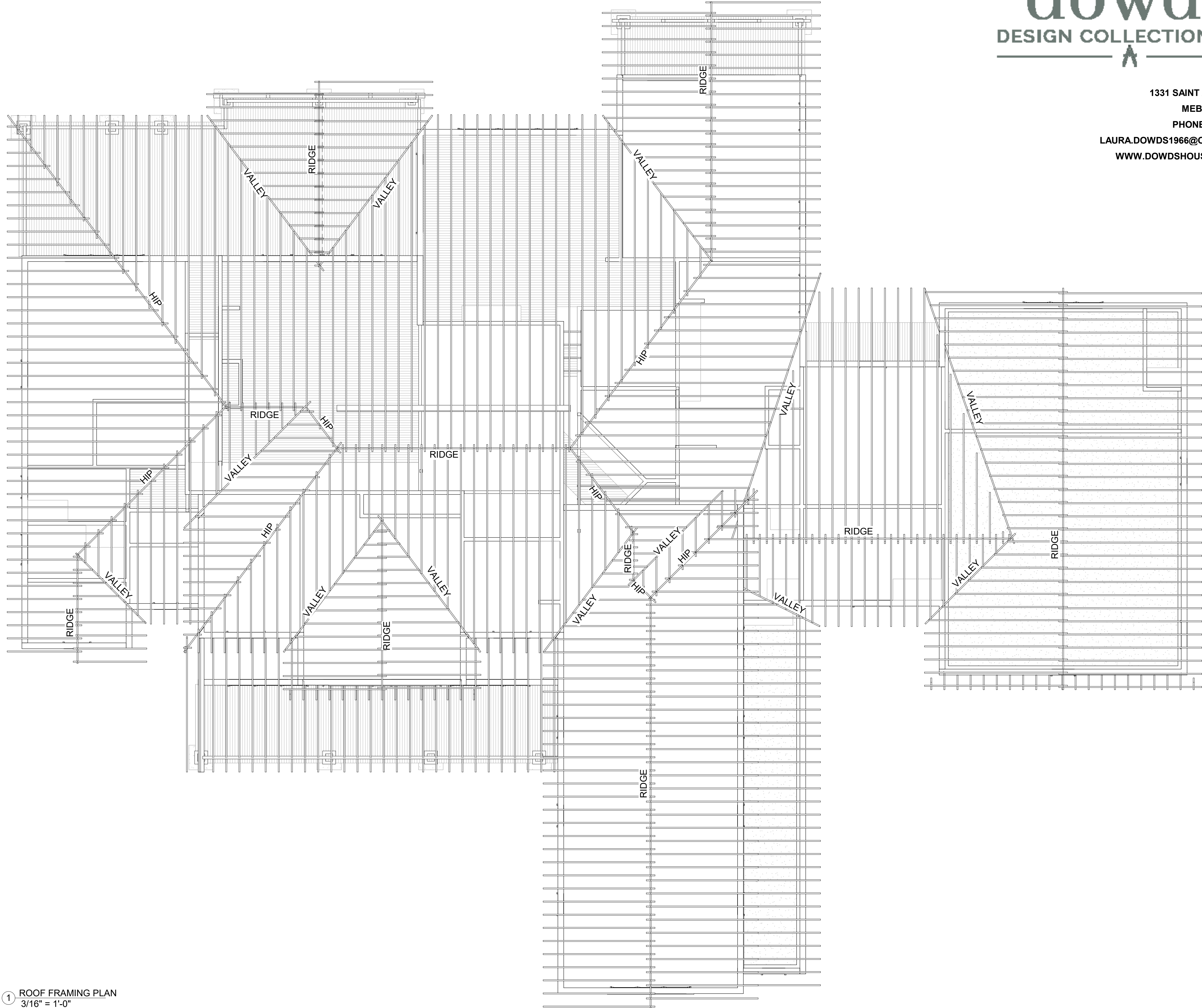
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ROOF RAFTERS					20# SNOW LOAD								15# DEAD LOAD								L/360	
Design Criteria					Strength - 20 lbs. per sq. ft. snow load, plus 15 lbs. per sq. ft. dead load. Deflection - Limited in span in inches divided by 360 for live load only.													Table R-601				
					Span (feet and inches)																	
					2 x 6				2 x 8				2 x 10				2 x 12					
					spacing on center																	
Species or Group	Grade	12'	16'	19.2'	24'	12'	16'	19.2'	24'	12'	16'	19.2'	24'	12'	16'	19.2'	24'					
Douglas Fir- Larch	Sel. Struc.	14-4	13-0	12-3	11-4	16-10	17-2	16-1	15-0	24-1	21-10	20-7	19-1	29-3	26-7	25-0	23-3					
	No. 1 & Btr.	14-1	12-9	12-0	11-2	16-6	16-10	15-10	14-8	23-6	21-6	20-2	19-9	28-9	26-1	24-5	21-10					
	No. 1	13-9	12-6	11-9	10-11	16-2	16-6	15-6	14-1	23-2	21-1	19-3	17-3	28-2	24-5	22-4	20-0					
	No. 2	13-6	12-3	11-7	10-7	17-10	16-2	14-11	13-4	22-9	20-0	18-3	16-4	26-9	23-2	21-2	18-11					
	No. 3	11-5	9-10	9-0	8-1	14-5	12-6	11-5	10-3	17-8	15-3	13-11	12-6	20-5	17-9	16-2	14-6					
Douglas Fir- South	Sel. Struc.	12-11	11-9	11-1	10-3	17-0	15-6	14-7	13-6	21-9	19-9	18-7	17-3	26-5	24-7	23-0	21-0					
	No. 1	12-7	11-5	10-9	10-0	16-7	15-1	14-2	13-2	21-2	19-3	18-1	16-7	25-9	23-5	21-6	19-2					
	No. 2	12-3	11-2	10-6	9-9	16-2	14-8	13-10	12-10	20-8	18-9	17-8	15-10	25-1	22-6	20-7	18-5					
	No. 3	11-2	9-8	8-10	7-10	14-1	12-2	11-2	10-0	17-3	14-11	13-7	12-2	20-0	17-3	15-9	14-1					
Hem-Fir	Sel. Struc.	13-6	12-3	11-7	10-9	17-10	16-2	15-3	14-2	22-9	20-8	19-5	18-9	27-8	25-1	23-7	21-11					
	No. 1 & Btr.	13-3	12-0	11-4	10-6	17-5	15-10	14-11	13-10	22-3	20-2	19-0	17-8	27-1	24-4	22-1	20-11					
	No. 1	13-3	12-0	11-4	10-6	17-5	15-10	14-11	13-10	22-3	20-2	19-0	17-0	27-1	24-2	22-0	19-9					
	No. 2	12-7	11-5	10-9	10-0	16-7	15-1	14-2	13-0	21-2	19-3	17-9	15-10	25-9	22-6	20-7	18-5					
	No. 3	11-2	9-8	8-10	7-10	14-1	12-2	11-2	10-0	17-3	14-11	13-7	12-2	20-0	17-3	15-9	14-1					
Spruce- Pine-Fir (South)	Sel. Struc.	12-7	11-5	10-9	10-0	16-7	15-1	14-2	13-2	21-2	19-3	18-1	16-10	25-9	23-5	22-1	20-6					
	No. 1	12-3	11-2	10-6	9-9	16-2	14-8	13-10	12-10	20-8	18-9	17-8	15-1	25-1	22-10	20-1	18-5					
	No. 2	11-11	10-10	10-2	9-6	15-9	14-3	13-5	12-5	20-1	18-3	16-11	15-2	24-5	21-6	19-7	18-0					
	No. 3	10-7	9-2	8-4	7-6	13-4	11-7	10-7	9-5	16-4	14-2	12-11	11-7	18-11	16-5	15-0	13-5					
Western Woods	Sel. Struc.	12-3	11-2	10-6	9-9	16-2	14-8	13-10	12-10	20-8	18-9	17-8	16-4	25-1	22-10	21-2	18-11					
	No. 1	11-11	10-10	10-2	9-2	15-9	14-2	12-11	11-7	20-0	17-4	15-10	14-2	23-2	20-1	18-4	16-5					
	No. 2	11-7	10-6	9-10	9-2	15-3	13-10	12-11	11-7	19-5	17-4	15-10	14-2	23-2	20-1	18-4	16-5					
	No. 3	9-8	8-4	7-7	6-10	12-2	10-7	9-8	8-8	14-11	12-11	11-9	10-7	17-3	15-0	13-8	12-5					

Dowds Design Collection, LLC. is a house plan design company and not structural engineers. The Plans, including structure, foundation, windows, and doors are a guide only for construction and all dimensions and notations attached need to be verified & confirmed by a structural engineer.

1 ROOF FRAMING PLAN
3/16" = 1'-0"



REVISIONS	
NO.	DATE/DESCRIPTION

DATE
PLAN NUMBER

SHEET NUMBER

