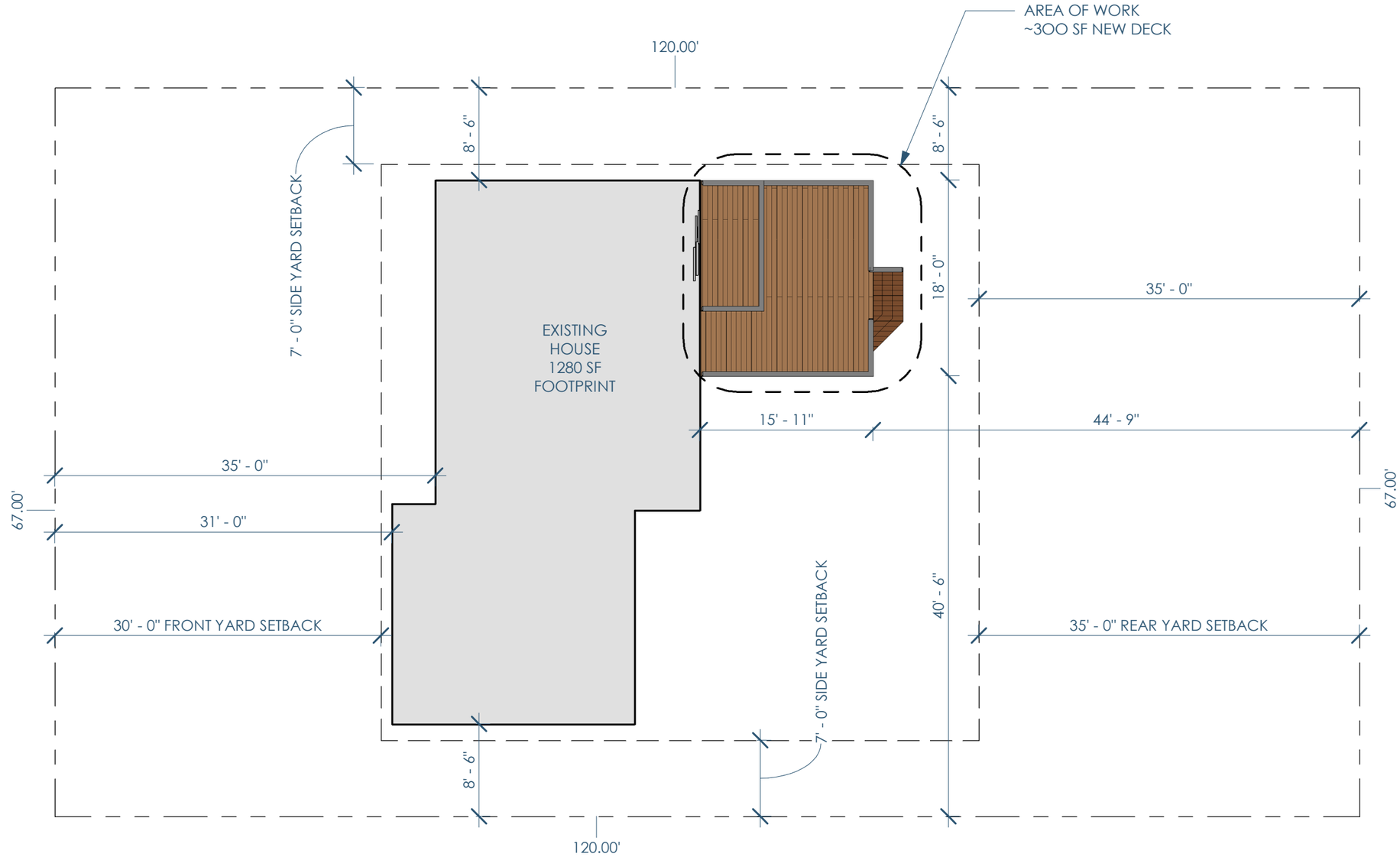

1A SITE PLAN
3/32" = 1'-0"

0 8' 16' 24'

N

DEKTEX TECHNICAL MATTERS
General Contractor: RJ Beier Construction LLC
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Architect: OpeningDesign
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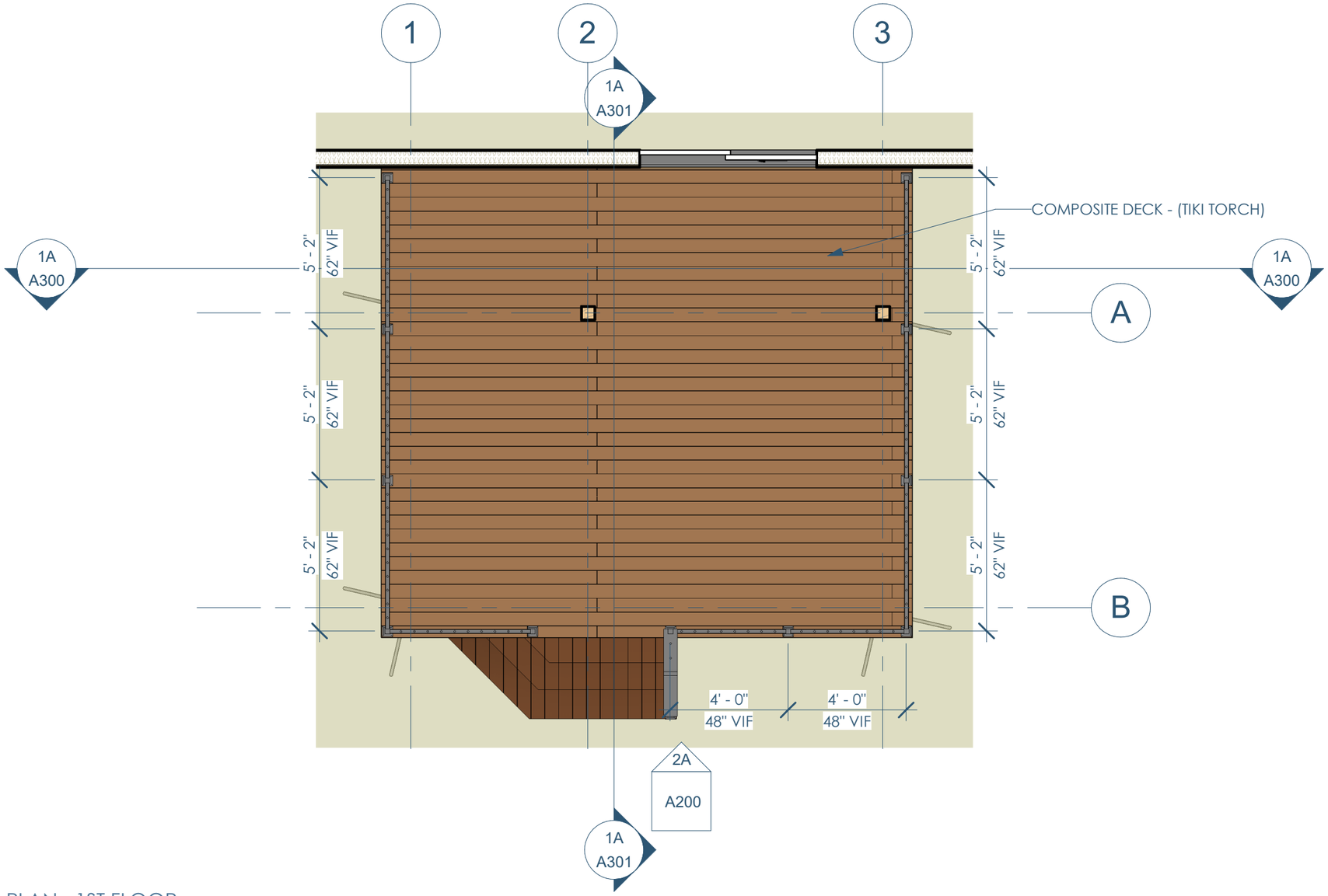
ryan@openingdesign.com | 773.425.6456

ROGERS_RESIDENCE - 06/13/2018
7313 SECRET BLUFF DR, MADISON WI 53719
SITE PLAN - (A050)



1A FLOOR PLAN - 1ST FLOOR
1/4" = 1'-0"

0 2' 4' 8'

N

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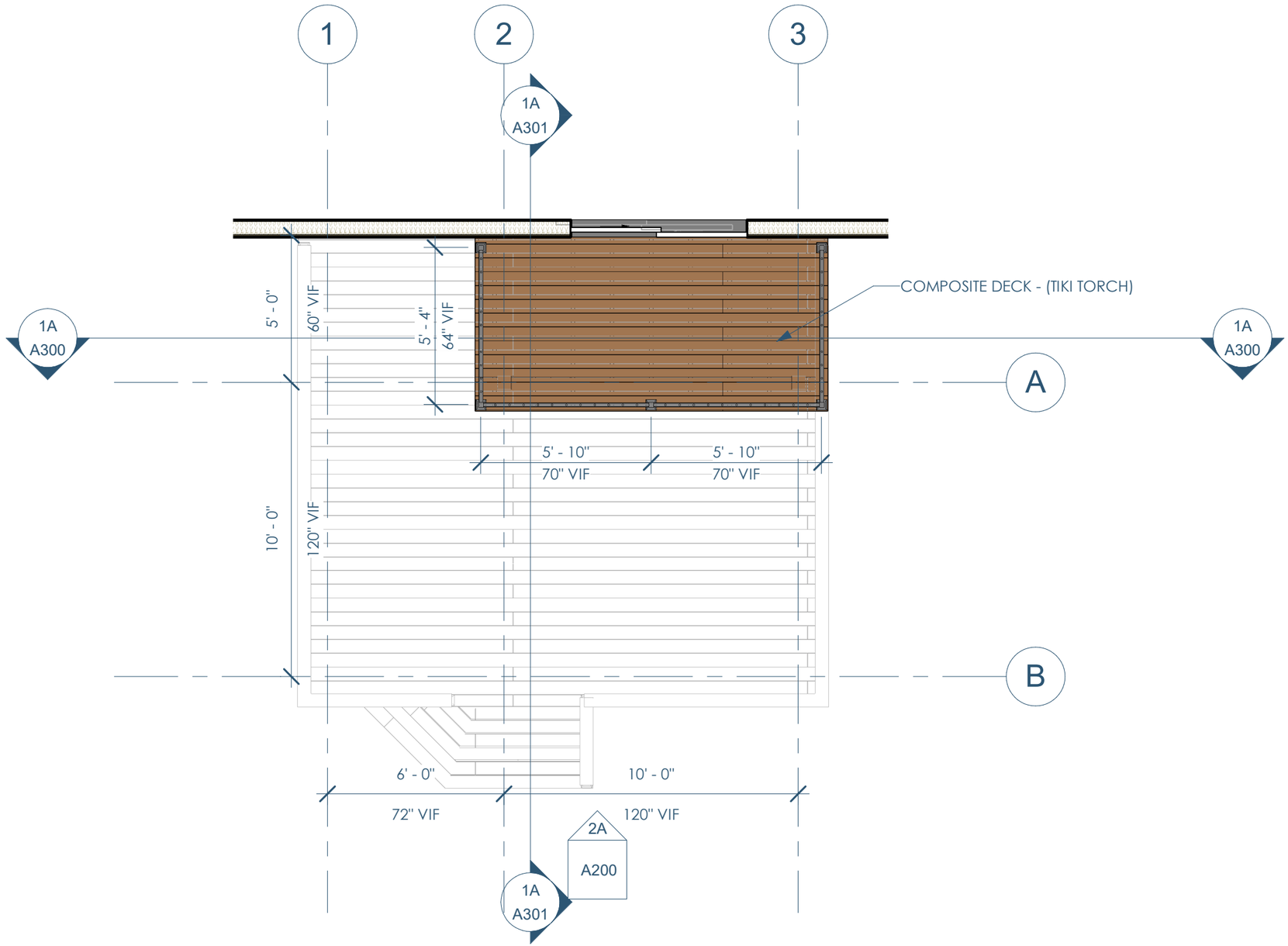
7313 SECRET BLUFF DR, MADISON WI 53719
FLOOR PLANS - 1ST FLOOR - (A100)



1A FLOOR PLAN - 2ND FLOOR
1/4" = 1'-0"

0 2' 4' 8'

N

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General Contractor: RJ Beier Construction LLC
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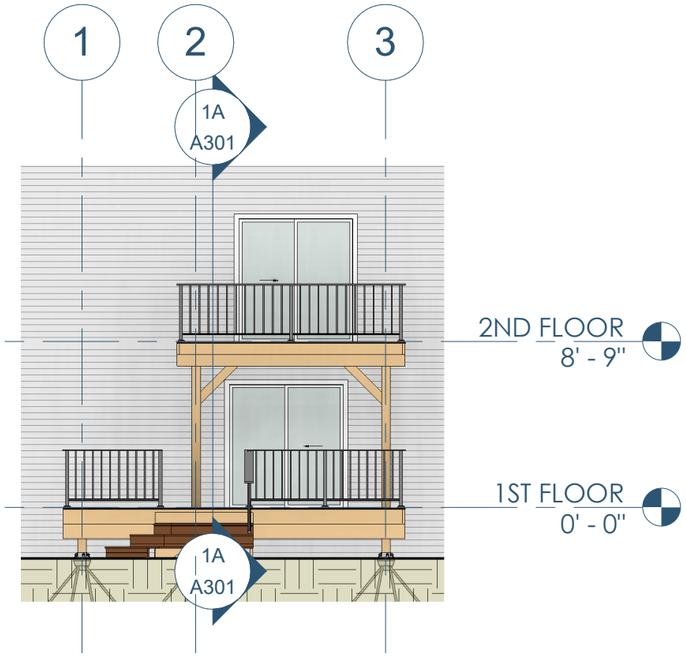
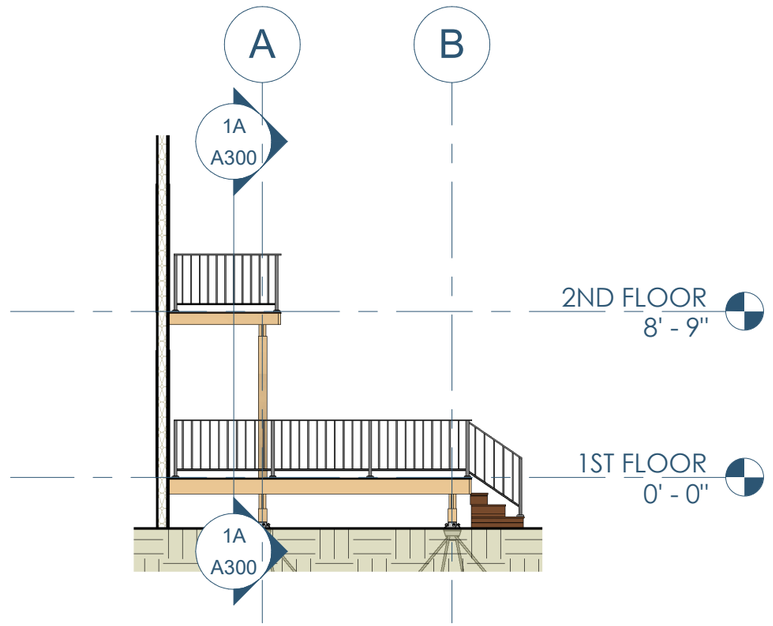
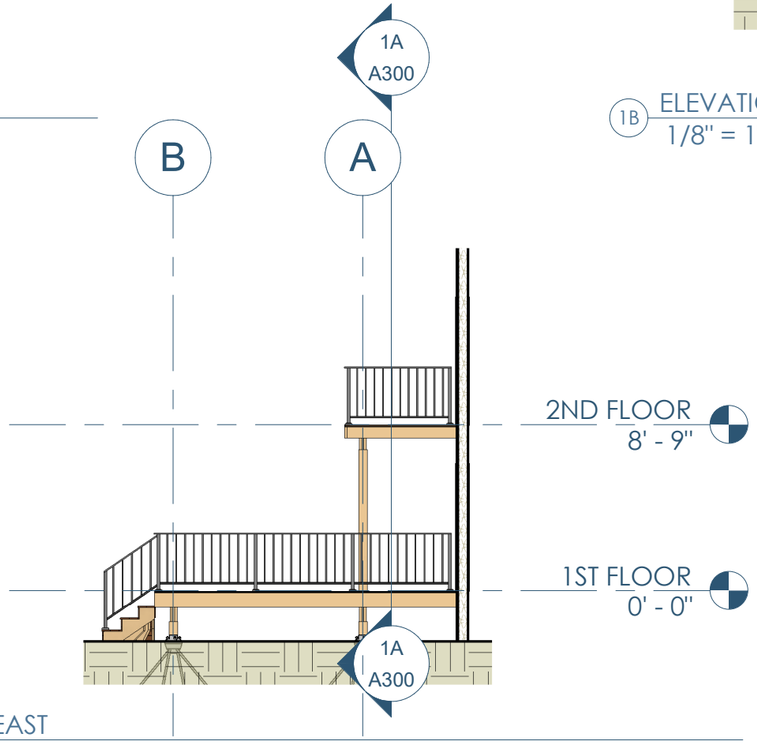
ROGERS RESIDENCE - 06/13/2018
7313 SECRET BLUFF DR, MADISON WI 53719
FLOOR PLAN - 2ND FLOOR - (A102)



2A ELEVATION - SOUTH
1/8" = 1'-0"



1B ELEVATION - WEST
1/8" = 1'-0"



1 ELEVATION - EAST
1/8" = 1'-0"

0 4' 8' 16'

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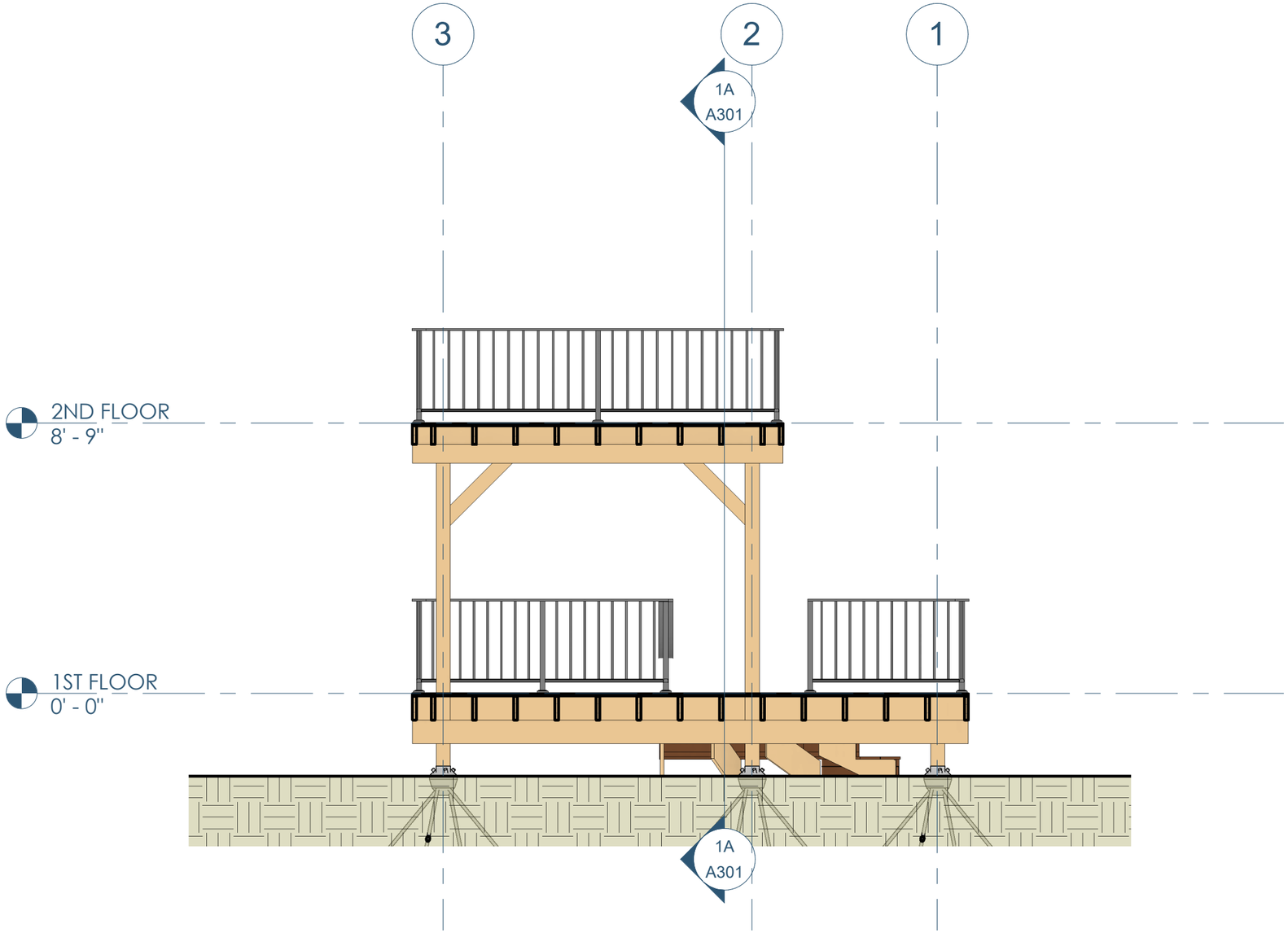
ROGERS RESIDENCE - 06/13/2018
7313 SECRET BLUFF DR. MADISON WI 53719
BUILDING ELEVATIONS - (A200)



1A BUILDING SECTION - EAST/WEST
1/4" = 1'-0"

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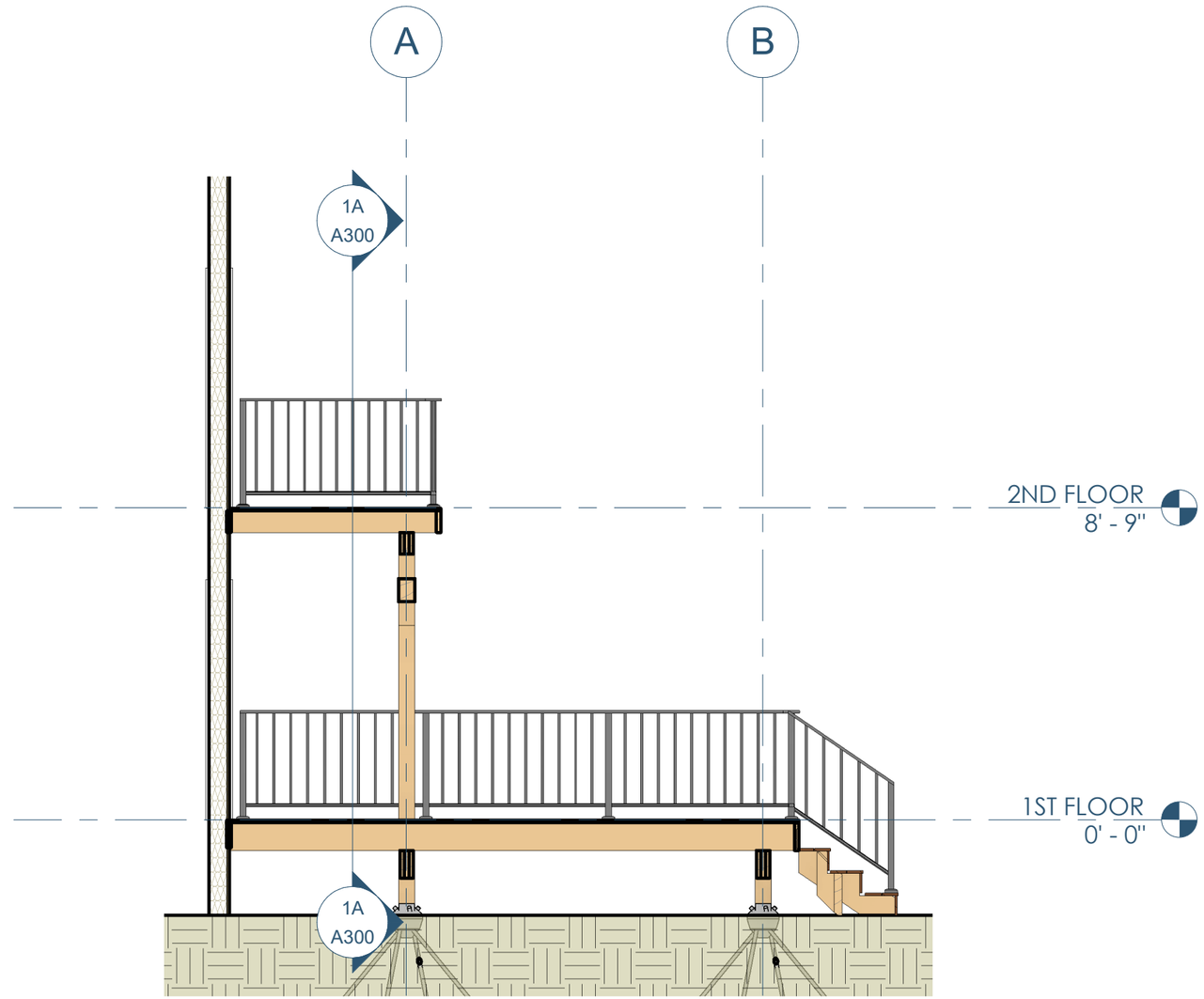
ROGERS RESIDENCE - 06/13/2018
7313 SECRET BLUFF DR, MADISON WI 53719
BUILDING SECTION - (A300)



1A BUILDING SECTION - NORTH/SOUTH
1/4" = 1'-0"

General Contractor: RJ Beier Construction LLC
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ROGERS RESIDENCE - 06/13/2018
7313 SECRET BLUFF DR, MADISON WI 53719
BUILDING SECTION - (A301)

DECKING		
Type	Area	Level
DECKING	287 SF	1ST FLOOR
DECKING	71 SF	2ND FLOOR
DECKING: 2	358 SF	

RAILING SCHEDULE		
Type	Railing Height	Length
RAILING	3' - 0"	22' - 5"
RAILING	3' - 0"	19' - 5"
RAILING	3' - 0"	22' - 5"
RAILING	3' - 0"	3' - 6 31/32"
Grand total: 4		67' - 9 31/32"

STRUCTURAL - COLUMN SCHEDULE				
Phase Created	TYPE	MATERIAL/FINISH	G.L. LOCATION	LENGTH
1st Phase	6x6	6x6 - TREATED	A-1	0' - 8 9/16"
1st Phase	6x6	6x6 - TREATED	A-2	0' - 8 9/16"
1st Phase	6x6	6x6 - TREATED	A-2	8' - 3 13/16"
1st Phase	6x6	6x6 - TREATED	A-3	0' - 8 9/16"
1st Phase	6x6	6x6 - TREATED	A-3	8' - 3 13/16"
1st Phase	6x6	6x6 - TREATED	B-1	0' - 8 9/16"
1st Phase	6x6	6x6 - TREATED	B-2	0' - 8 9/16"
1st Phase	6x6	6x6 - TREATED	B-3	0' - 8 9/16"
Grand total: 8				20' - 11"

STRUCTURAL - HORZ. FRAMING				
Phase Created	Structural Usage	TYPE	MATERIAL/FINISH	LENGTH
1st Phase	Girder	2x8	(3) SISTERED 2X8s AT BEAM	12' - 0"
1st Phase	Girder	2x8	(3) SISTERED 2X8s AT BEAM	12' - 0"
1st Phase	Girder	2x8	(3) SISTERED 2X8s AT BEAM	12' - 0"
(3) SISTERED 2X8s AT BEAM: 3				36' - 0"
1st Phase	Girder	2x10	(3) SISTERED 2X10s AT BEAM	18' - 0"
1st Phase	Girder	2x10	(3) SISTERED 2X10s AT BEAM	18' - 0"
1st Phase	Girder	2x10	(3) SISTERED 2X10s AT BEAM	18' - 0"
1st Phase	Girder	2x10	(3) SISTERED 2X10s AT BEAM	18' - 0"
1st Phase	Girder	2x10	(3) SISTERED 2X10s AT BEAM	18' - 0"
1st Phase	Girder	2x10	(3) SISTERED 2X10s AT BEAM	18' - 0"
(3) SISTERED 2X10s AT BEAM: 6				108' - 0"
Girder: 9				144' - 0"
1st Phase	Horizontal Bracing	6x6	6X6 TREATED LATERAL BRACE	2' - 9 15/16"
1st Phase	Horizontal Bracing	6x6	6X6 TREATED LATERAL BRACE	2' - 9 15/16"
6X6 TREATED LATERAL BRACE: 2				5' - 7 7/8"
Horizontal Bracing: 2				5' - 7 7/8"
1st Phase	Joist	2x8	2X8s WOOD JOISTS - 16" O.C.	5' - 9"
1st Phase	Joist	2x8	2X8s WOOD JOISTS - 16" O.C.	5' - 9"
1st Phase	Joist	2x8	2X8s WOOD JOISTS - 16" O.C.	5' - 9"
1st Phase	Joist	2x8	2X8s WOOD JOISTS - 16" O.C.	5' - 9"
1st Phase	Joist	2x8	2X8s WOOD JOISTS - 16" O.C.	5' - 9"
1st Phase	Joist	2x8	2X8s WOOD JOISTS - 16" O.C.	5' - 9"
1st Phase	Joist	2x8	2X8s WOOD JOISTS - 16" O.C.	5' - 9"
1st Phase	Joist	2x8	2X8s WOOD JOISTS - 16" O.C.	5' - 9"
1st Phase	Joist	2x8	2X8s WOOD JOISTS - 16" O.C.	5' - 9"
2X8s WOOD JOISTS - 16" O.C.: 9				51' - 9"
1st Phase	Joist	2x10	2X10s WOOD JOISTS - 16" O.C.	15' - 10"
1st Phase	Joist	2x10	2X10s WOOD JOISTS - 16" O.C.	15' - 10"
1st Phase	Joist	2x10	2X10s WOOD JOISTS - 16" O.C.	15' - 10"
1st Phase	Joist	2x10	2X10s WOOD JOISTS - 16" O.C.	15' - 10"
1st Phase	Joist	2x10	2X10s WOOD JOISTS - 16" O.C.	15' - 10"
1st Phase	Joist	2x10	2X10s WOOD JOISTS - 16" O.C.	15' - 10"
1st Phase	Joist	2x10	2X10s WOOD JOISTS - 16" O.C.	15' - 10"
1st Phase	Joist	2x10	2X10s WOOD JOISTS - 16" O.C.	15' - 10"
1st Phase	Joist	2x10	2X10s WOOD JOISTS - 16" O.C.	15' - 10"
1st Phase	Joist	2x10	2X10s WOOD JOISTS - 16" O.C.	15' - 10"
1st Phase	Joist	2x10	2X10s WOOD JOISTS - 16" O.C.	15' - 10"
1st Phase	Joist	2x10	2X10s WOOD JOISTS - 16" O.C.	15' - 10"
1st Phase	Joist	2x10	2X10s WOOD JOISTS - 16" O.C.	15' - 10"
2X10s WOOD JOISTS - 16" O.C.: 13				205' - 10"
Joist: 22				257' - 7"
1st Phase	Other	2x8	LEDGER BOARD - SEE A600 FOR FASTENER SPACING	11' - 9"
1st Phase	Other	2x10	LEDGER BOARD - SEE A600 FOR FASTENER SPACING	17' - 10 1/2"
LEDGER BOARD - SEE A600 FOR FASTENER SPACING: 2				29' - 7 1/2"
1st Phase	Other	2x8	RIM BOARD - SIZE TO MATCH JOIST DEPTH	5' - 9"
1st Phase	Other	2x8	RIM BOARD - SIZE TO MATCH JOIST DEPTH	5' - 9"
1st Phase	Other	2x8	RIM BOARD - SIZE TO MATCH JOIST DEPTH	11' - 9"
1st Phase	Other	2x10	RIM BOARD - SIZE TO MATCH JOIST DEPTH	15' - 10 1/4"
1st Phase	Other	2x10	RIM BOARD - SIZE TO MATCH JOIST DEPTH	15' - 11 3/4"
1st Phase	Other	2x10	RIM BOARD - SIZE TO MATCH JOIST DEPTH	17' - 10 1/2"
RIM BOARD - SIZE TO MATCH JOIST DEPTH: 6				72' - 11 1/2"
Other: 8				102' - 7"
Grand total: 41				509' - 9 7/8"

LEDGER BOARD FASTENER SPACING AND CLEARANCES

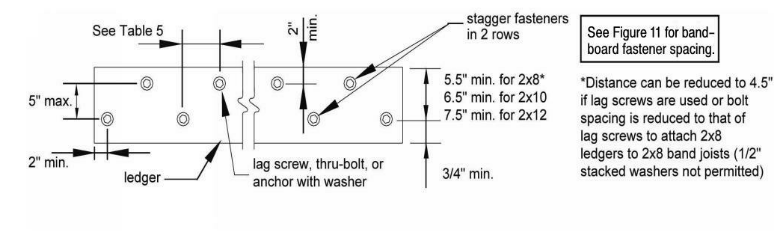

Table 6
LEDGER BOARD FASTENER SPACING, ON CENTER[1,2,3]

Fastener	Band Board	Joist Span: less than or equal to						
		6'	8'	10'	12'	14'	16'	18'
Lag screws	1" EWP	24"	18"	14"	12"	10"	9"	8"
	1 1/8" EWP	28"	21"	16"	14"	12"	10"	9"
	2x Lumber	30"	23"	18"	15"	13"	11"	10"
Through−Bolts	1" EWP	24"	18"	14"	12"	10"	9"	8"
	1 1/8" EWP	28"	21"	16"	14"	12"	10"	9"
	2x Lumber	36"	36"	34"	29"	24"	21"	19"
Through−Bolts with 1/2" stacked washers[4,5]	2x Lumber	36"	36"	29"	24"	21"	18"	16"
Adhesive anchors	——	32"	32"	32"	24"	24"	16"	16"

[1] These values are valid for deck ledgers consisting of douglas fir/larch, hem/fir, or southern pine; and for band boards consisting of douglas fir−larch, hem−fir, spruce−pine−fir, southern pine, or engineered wood product (EWP).

[2] Where solid−sawn pressure−preservative−treated deck ledgers are attached to engineered wood products (minimum 1" thick wood structural panel band joist or structural composite lumber including laminated veneer lumber), the ledger attachment must be designed in accordance with accepted engineering practice. These tabulated values are in accordance with that practice and are based on 300 lbs and 350 lbs for 1" and 1 1/8" EWP rim board, respectively.

[3] The thickness of the sheathing over the band board must not exceed 15/32".

[4] The maximum gap between the face of the ledger board and face of the wall sheathing is 1/2".

[5] Wood structural panel sheathing, gypsum board sheathing, or foam sheathing is permitted between the ledger board and the band board. Stacked washers are permitted in combination with wood structural panel sheathing, but are not permitted in combination with gypsum board or foam sheathing. The maximum distance between the face of the ledger board and the face of the band board is 1".

1 LEDGER BOARD FASTENER SPACING
1" = 1'-0"

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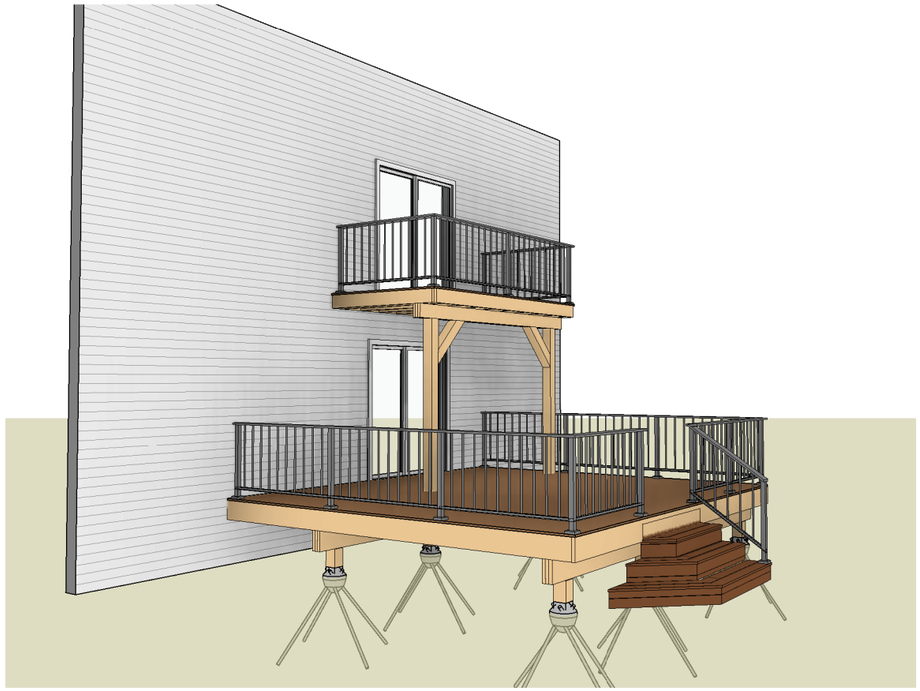
SCHEDULES
ROGERS RESIDENCE

A600



1A PERSPECTIVE 1

2A PERSPECTIVE 2

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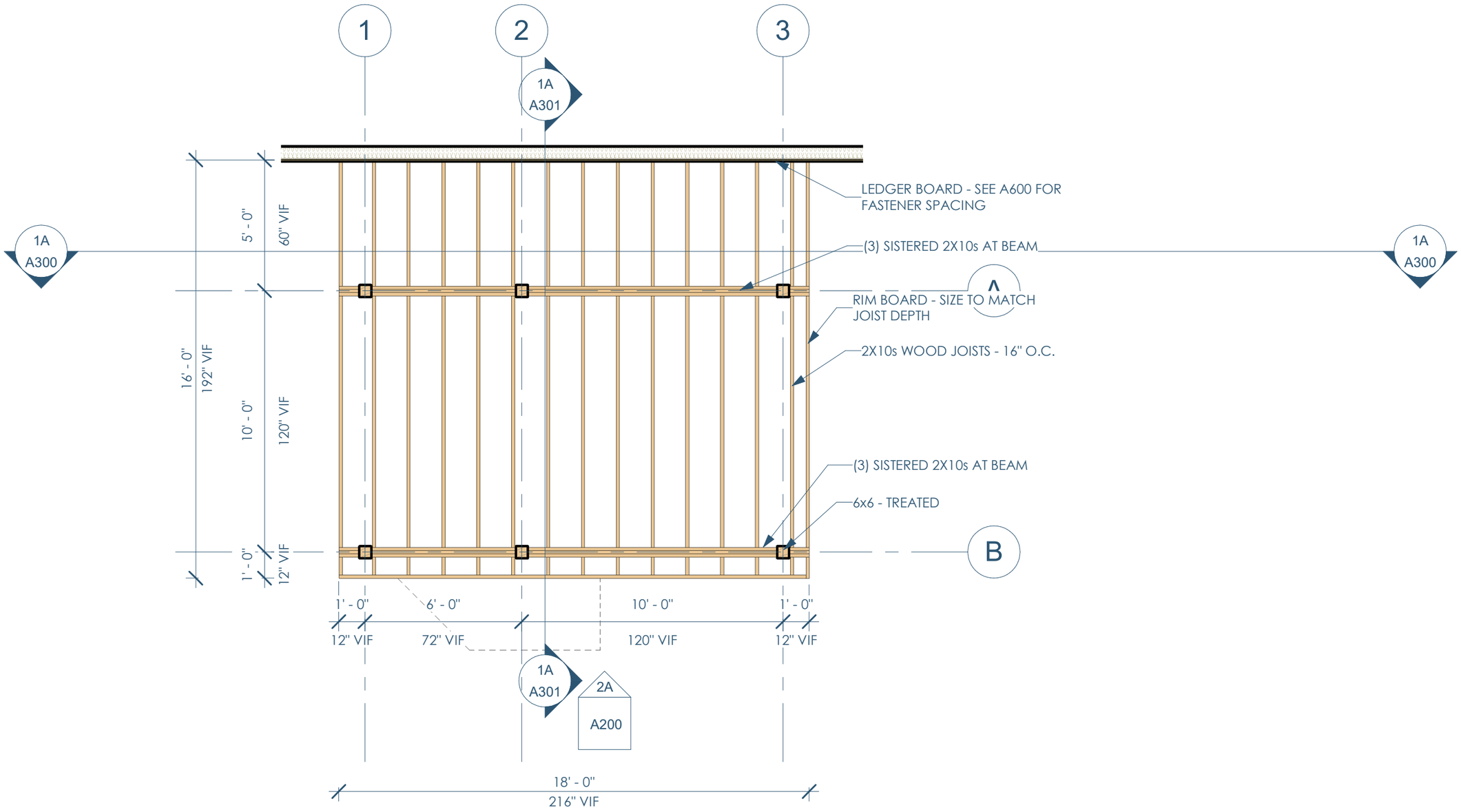
ROGERS RESIDENCE - 06/13/2018
7313 SECRET BLUFF DR, MADISON WI 53719
3D VIEWS - (A900)



1 FRAMING - 1ST FLOOR
1/4" = 1'-0"

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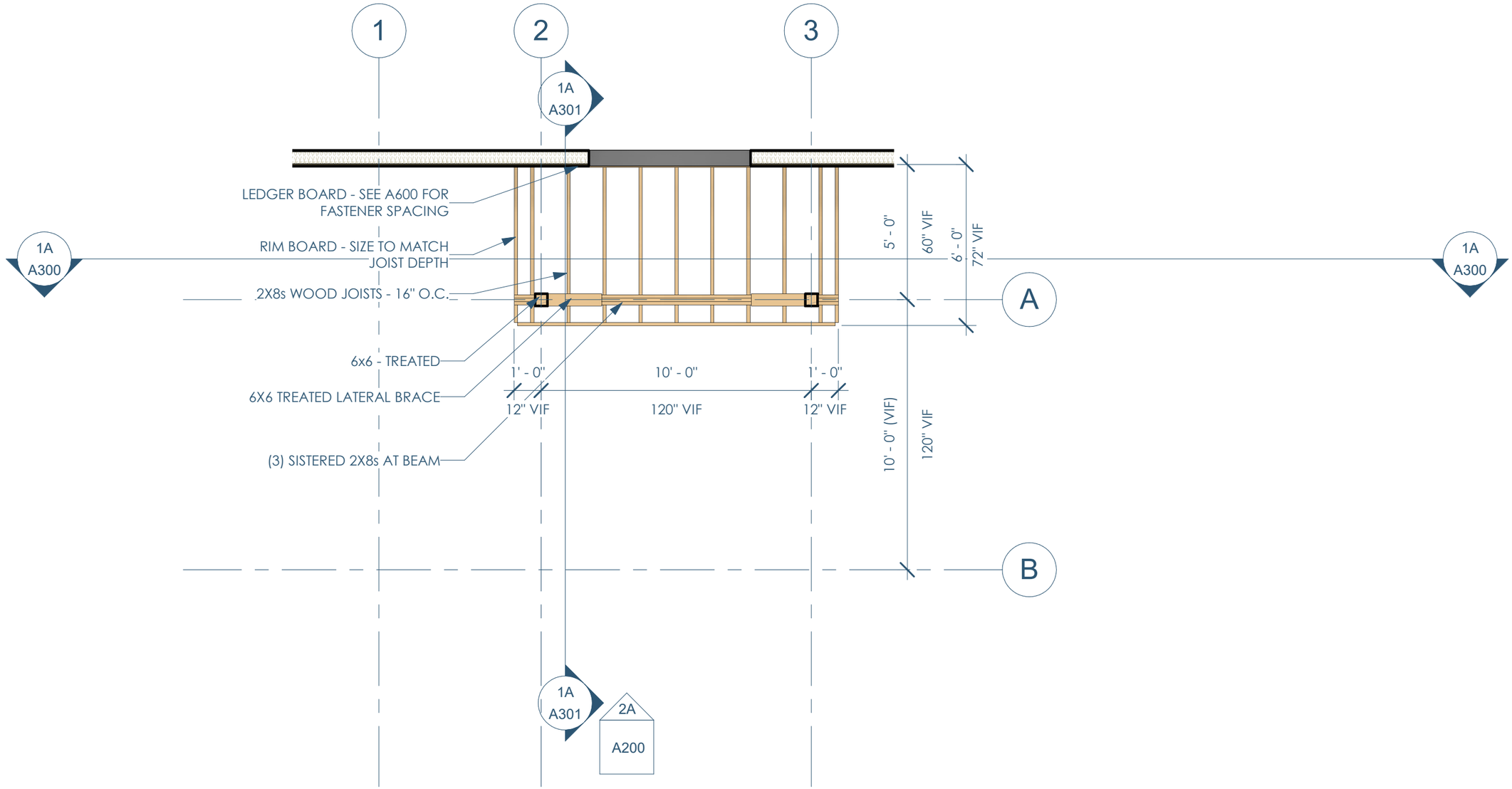
ROGERS RESIDENCE - 06/13/2018
7313 SECRET BLUFF DR, MADISON WI 53719
FRAMING - 1ST FLOOR - (S101)



1 FRAMING - 2ND FLOOR
1/4" = 1'-0"

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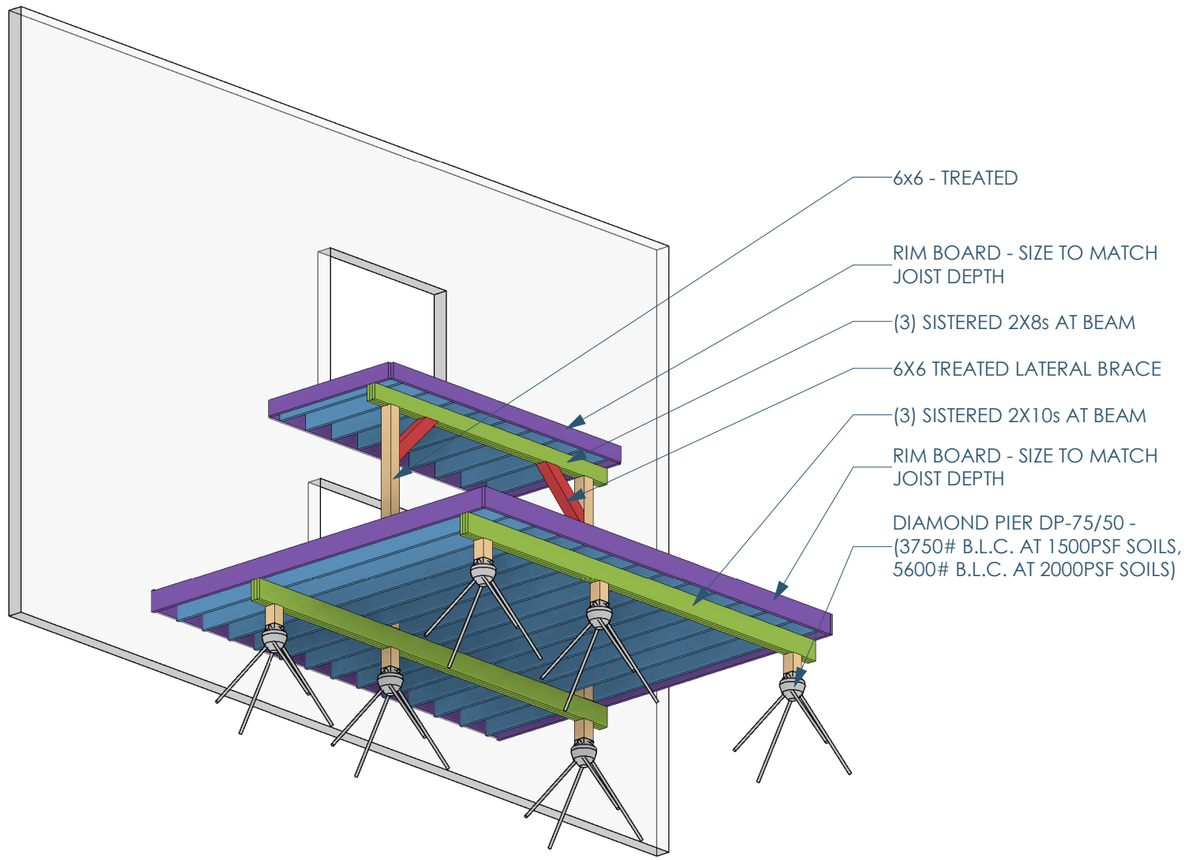
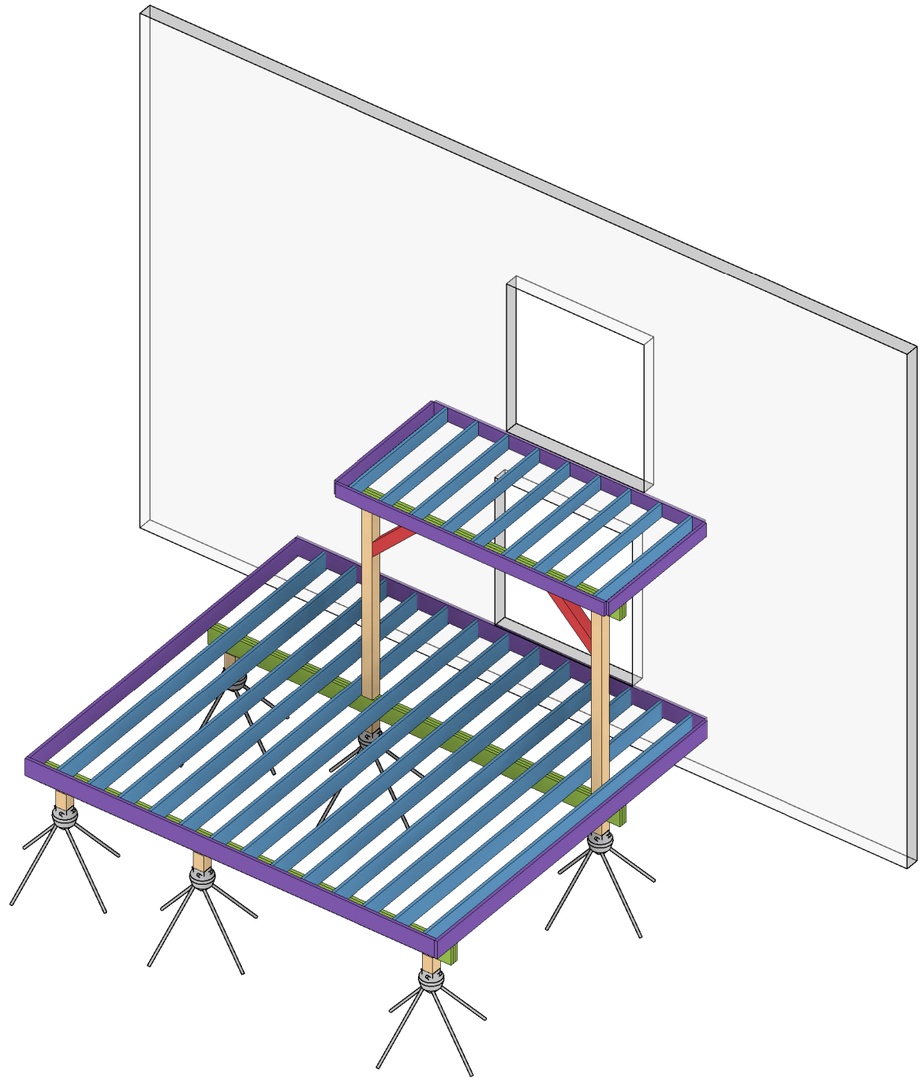
ROGERS RESIDENCE - 06/13/2018
7313 SECRET BLUFF DR, MADISON WI 53719
FRAMING - SECOND FLOOR - (S102)



1A FRAMING - 3D - VIEW 1



2A FRAMING - 3D - VIEW 2

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ROGERS RESIDENCE - 06/13/2018
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FRAMING PERSPECTIVES - (S900)