



WOOD LILY HOUSE

prepared for

OWNER NAME
XXXXXXX
XXXXXXX

by QUANTUM PASSIVHAUS

PROJECT NUMBER23XXX

SHEET NAME
COVER SHEET

SHEET NUMBER

A-000

GFA		
NAME	Level	AREA
MAIN FLOOR	T/O Slab - Main	1940 SF
SIDE DECK	T/O Slab - Main	456 SF
FRONT PORCH	T/O Slab - Main	203 SF
		2599 SF
TOTAL		2599 SF

NFA		
ROOM	LEVEL	AREA
T/O Slab - Main		
BED II	T/O Slab - Main	77 SF
BED III	T/O Slab - Main	94 SF
DINING	T/O Slab - Main	196 SF
FLEX ROOM	T/O Slab - Main	194 SF
KITCHEN	T/O Slab - Main	137 SF
LIVING	T/O Slab - Main	206 SF
PRIMARY	T/O Slab - Main	174 SF
		1077 SF
TOTAL		1077 SF

Name	Level	Area
FLEX ROOM	T/O Slab - Main	194 SF
MAIN ENTRY	T/O Slab - Main	54 SF
P/R	T/O Slab - Main	28 SF
BATH	T/O Slab - Main	65 SF
MECH/ LAUNDRY	T/O Slab - Main	52 SF
ENSUITE	T/O Slab - Main	65 SF
PRIMARY	T/O Slab - Main	174 SF
BED II	T/O Slab - Main	76 SF
BED III	T/O Slab - Main	94 SF
DINING	T/O Slab - Main	195 SF
LIVING	T/O Slab - Main	206 SF
KITCHEN	T/O Slab - Main	136 SF
SIDE ENTRY	T/O Slab - Main	70 SF
HALL	T/O Slab - Main	79 SF

FLOOR MATERIAL - BY TYPE		
MATERIAL	Area	Level
006_ D1 - Exterior - PT 2x6 Plank Decking		
Wood 19, Planks	<varies>	T/O Slab - Main
007_ F2 - Exterior - 11'-7/8" OWJ c/w Insulation and Strapping		
<varies>	1903 SF	T/O Slab - Main
Floor Finish - Bathroom		
Floor - Tile - Option 1	146 SF	T/O Slab - Main
Floor Finish - Laundry		
Floor - Tile - Option 1	126 SF	T/O Slab - Main
Floor Finish - Main Area		
Floor - Planks - Option 1	1236 SF	T/O Slab - Main
Floor Finish - Mudroom		
Floor - Tile - Option 1	155 SF	T/O Slab - Main

ROOF MATERIAL - BY TYPE	
MATERIAL	AREA
002_ R2a - Trussed Roof - Non-insulated - Porch	
Membrane - Ice & Water Shield, On-site	400 SF
Steel Roof - Standing Seam	400 SF
Wood - Plywood, Roof Sheathing (1/2"), On-site	400 SF
003_ R3 - Stick Framed Roof - 2x6	
Membrane - Ice & Water Shield, On-site	2549 SF
Roofing - Asphalt Shingle	2549 SF
Wood - Dimensional Lumber (2x4), On-site	2549 SF
Wood - Plywood, Wall Sheathing (5/8"), On-site	2549 SF
Wood - T&G (2x8)	2549 SF

FASCIA MATERIAL	
MATERIAL	LENGTH
Fascia - Block 6"	
Fascia - Block	8' - 9 31/32"
Fascia - Block 10"	
Fascia - Block	254' - 0"

CEILING MATERIAL		
MATERIAL	AREA	Level
T/O Slab - Main		
Interior Finish - Gypsum Wall Board, (1/2")	1617 SF	T/O Slab - Main

TAKEOFF - WALLS - NORTH					
WALL TYPE	LENGTH	HEIGHT	AREA	LEVEL	MARK
001_ W2a - Exterior - QP 16' WP c/w	40' - 1 7/16'	10' - 7 29/32"	423 SF	Main Floor	Passive
service cavity					
Passive	40' - 1 7/16'		423 SF		
Grand total	40' - 1 7/16'		423 SF		

TAKEOFF - WALLS - EAST					
WALL TYPE	LENGTH	HEIGHT	AREA	LEVEL	MARK
001_ W2a - Exterior - QP 16' WP c/w	44' - 2 15/16'	9' - 6 3/4"	379 SF	Main Floor	Passive
service cavity					
Passive	44' - 2 15/16'		379 SF		
Grand total	44' - 2 15/16'		379 SF		

TAKEOFF - WALLS - SOUTH					
WALL TYPE	LENGTH	HEIGHT	AREA	LEVEL	MARK
001_ W2a - Exterior - QP 16' WP c/w	40' - 1 7/16'	10' - 7 15/32"	314 SF	Main Floor	Passive
service cavity					
Passive	40' - 1 7/16'		314 SF		
Grand total	40' - 1 7/16'		314 SF		

TAKEOFF - WALLS - WEST					
WALL TYPE	LENGTH	HEIGHT	AREA	LEVEL	MARK
001_ W2a - Exterior - QP 16' WP c/w	44' - 2 15/16'	9' - 6 3/4"	439 SF	Main Floor	Passive
service cavity					
Passive	44' - 2 15/16'		439 SF		
Grand total	44' - 2 15/16'		439 SF		

WALL MATERIAL - Service Cavity			
MATERIAL	PROJECTED AREA	Length	Comments
001_ W2a - Exterior - QP 16' WP c/w service cavity			
Wood Framing - Dimensional Lumber (2x4), On-site	737 SF	40' - 1 7/16'	Main Floor
Wood Framing - Dimensional Lumber (2x4), On-site	817 SF	44' - 2 15/16'	Main Floor
Main Floor	1554 SF		

WALL SCHEDULE		
TYPE	LENGTH	AREA
001_ W1a - Interior - 2x4 Partition	142' - 8 7/32"	946 SF
001_ W1b - Interior - 2x6 Partition	73' - 2 3/8"	578 SF
001_ W2a - Exterior - QP 16' WP c/w service cavity	166' - 8 3/4"	1556 SF
Exterior - 2x6 Wall, w/ Horizontal Siding	98' - 1 15/16'	493 SF

WALL MATERIAL - BY TYPE	
MATERIAL	PROJECTED AREA
001_ W1a - Interior - 2x4 Partition	
Interior Finish - Gypsum Wall Board, (1/2")	1888 SF
Wood Framing - Dimensional Lumber (2x4), On-site	946 SF
001_ W1b - Interior - 2x6 Partition	
Interior Finish - Gypsum Wall Board, (1/2")	1156 SF
Wood Framing - Dimensional Lumber (2x6), On-site	578 SF
001_ W2a - Exterior - QP 16' WP c/w service cavity	
Insulation - 16' Ecobatt	1528 SF
Interior Finish - Gypsum Wall Board, (1/2")	1556 SF
Membrane - Intello Smart Vapour Retarder	1556 SF
Membrane - Mento Air Infiltration Barrier	1556 SF
Siding, Horizontal Wood - Light	1478 SF
Siding, Vertical Wood - Dark	98 SF
Wood - OSB Wall Sheathing (7/16'), Pre-fab.	1542 SF
Wood Framing - Dimensional Lumber (2x4), On-site	1554 SF
Wood Framing - Dimensional Lumber (2x4), Pre-fab.	3036 SF
Wood Strapping - Dimensional Lumber (1x4 Double Layer), Pre-fab.	1484 SF

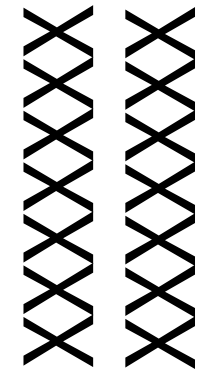
TAKEOFF - PARTITION WALLS			
Type	Length	Total Area	Comments
001_ W1a - Interior - 2x4 Partition	142' - 8 7/32"	1893 SF	
001_ W1b - Interior - 2x6 Partition	73' - 2 3/8"	1156 SF	
	215' - 10 19/32"	3049 SF	
Grand total	215' - 10 19/32"	3049 SF	

DRYWALL TAKEOFF - WALLS	
MATERIAL	AREA
001_ W1a - Interior - 2x4 Partition	
Interior Finish - Gypsum Wall Board, (1/2")	1888 SF
001_ W1b - Interior - 2x6 Partition	
Interior Finish - Gypsum Wall Board, (1/2")	1156 SF
001_ W2a - Exterior - QP 16' WP c/w service cavity	
Interior Finish - Gypsum Wall Board, (1/2")	1556 SF
Grand total	4599 SF

WALL MATERIAL - TOTALS	
MATERIAL	SURFACE AREA
Block	469 SF
Exterior Finish - Horizontal Siding (6" Bevel)	442 SF
Insulation - 16' Ecobatt	1528 SF
Interior Finish - Gypsum Wall Board, (1/2")	4599 SF
Membrane - Air Infiltration Barrier	493 SF
Membrane - Intello Smart Vapour Retarder	1556 SF
Membrane - Mento Air Infiltration Barrier	1556 SF
Paint - White	3086 SF
Siding, Horizontal Wood - Light	1708 SF
Siding, Vertical Wood - Dark	98 SF
Siding, Wood Shake	212 SF
Wood - Dimensional Lumber (2x6), On-site	493 SF
Wood - OSB Wall Sheathing (7/16'), Pre-fab.	1542 SF
Wood - Plywood, Wall Sheathing (1/2"), On-site	442 SF
Wood - Strapping (1x4), On-site	442 SF
Wood Framing - Dimensional Lumber (2x4), On-site	2500 SF
Wood Framing - Dimensional Lumber (2x4), Pre-fab.	3036 SF
Wood Framing - Dimensional Lumber (2x6), On-site	578 SF
Wood Strapping - Dimensional Lumber (1x4 Double Layer), Pre-fab.	1484 SF

ISSUE: DATE: TO:

WOOD LILY HOUSE



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PROJECT NAME	
WOOD LILY HOUSE	
DRAWN BY	EA
CHECKED BY	Checker
BCIN NO.	XXXXX
PROJECT NO.	23XXX
SHEET TITLE	
MATERIAL TAKE-OFF	
SHEET NO.	

A-006

ISSUE SET : 24/12/18

WOOD LILY HOUSE

SCHEDULE - ENTRY DOORS

TAG	ROOM	OPERATION	HARDWARE	DOOR SLAB SIZE	WIDTH	HEIGHT	R.O. WIDTH	R.O. HEIGHT	R.O. HEAD HEIGHT	SILL LENGTH	CASING LENGTH	AREA
Passive												
Fixed Glazed												
D103B	DINING	Fixed Glazed	Main Floor	D.02A	24"	89"	26"	90"	7' - 5 3/4"	2' - 0"	16' - 10"	15 SF
Fixed Glazed: 1												
Inswing												
D101	MAIN ENTRY	Inswing	Main Floor	D.01	42"	88"	42 3/4"	88 1/2"	7' - 4 3/4"	3' - 6"	18' - 2"	26 SF
D102	SIDE ENTRY	Inswing	Main Floor	1D4	42"	88"	42 3/4"	88 1/2"	7' - 4 3/4"	3' - 6"	18' - 2"	26 SF
D103A	DINING	Inswing	Main Floor	Door with large Lite	38"	89"	38 3/4"	89 1/2"	7' - 5 3/4"	3' - 2"	18' - 0"	23 SF
Inswing: 3												
Passive: 4												
GRAND TOTAL: 4												
										12' - 2"	71' - 2"	90 SF
										12' - 2"	71' - 2"	90 SF

TAKEOFF - DOORS - NORTH

Mark	Type	Width	Height	Area	Perimeter	Passive
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TAKEOFF - DOORS - EAST

Mark	Type	Width	Height	Area	Perimeter	Passive
Passive						
D103A	Door with large Lite	3' - 2"	7' - 5"	23 SF	21' - 2"	Passive
D103B	D.02A	2' - 0"	7' - 5"	15 SF	18' - 10"	Passive
2		5' - 2"		38 SF	40' - 0"	
2		5' - 2"		38 SF	40' - 0"	

TAKEOFF - DOORS - SOUTH

Mark	Type	Width	Height	Area	Perimeter	Passive
Passive						
D101	D.01	3' - 6"	7' - 4"	26 SF	21' - 8"	Passive
1		3' - 6"		26 SF	21' - 8"	
1		3' - 6"		26 SF	21' - 8"	

TAKEOFF - DOORS - WEST

Mark	Type	Width	Height	Area	Perimeter	Passive
Passive						
D102	1D4	3' - 6"	7' - 4"	26 SF	21' - 8"	Passive
1		3' - 6"		26 SF	21' - 8"	
1		3' - 6"		26 SF	21' - 8"	

TAKEOFF - INTERIOR DOORS

Mark	Type	Count	Width	Height	Perimeter	Area
ID102	2' 2"	1	2' - 2"	6' - 8"	17' - 8"	14 SF
<varies>	3' 0"	2	6' - 0"	6' - 8"	38' - 8"	40 SF
ID112	3' 3"	1	3' - 3"	6' - 10"	20' - 2"	22 SF
<varies>	36' x 80"	3	9' - 0"	6' - 8"	58' - 0"	60 SF
ID101	36' x 84"	1	3' - 0"	7' - 0"	20' - 0"	21 SF
ID108	44' x 80"	1	3' - 8"	6' - 8"	20' - 8"	24 SF
<varies>	48' x 80"	2	8' - 0"	6' - 8"	42' - 8"	53 SF
ID104	60' x 80"	1	5' - 0"	6' - 8"	23' - 4"	33 SF
ID110	M Closet	1	5' - 5 1/4"	6' - 10"	24' - 6 1/2"	37 SF
ID106	R C	1	3' - 6"	6' - 8"	20' - 4"	23 SF
14		14	49' - 0 1/4"		286' - 0 1/2"	329 SF

WINDOW SCHEDULE

TAG	ROOM	OPERATION	SIZE	FRAME WIDTH	FRAME HEIGHT	SILL HEIGHT	HEAD HEIGHT	R.O. WIDTH	R.O. HEIGHT	R.O. HEAD HEIGHT	SILL LENGTH	PERIMETER LENGTH	AREA
Passive													
TILT & TURN													
W101b	FLEX ROOM	TILT & TURN	2' X 6'	24"	69 3/8"	1' - 2 7/8"	7' - 0 1/4"	25 1/2"	71 5/8"	7' - 1'	2' - 0"	15' - 7"	11.56 R ²
W102	FLEX ROOM	TILT & TURN	37" x 46"	32"	45 3/8"	3 - 2 7/8"	7' - 0 1/4"	33 1/2"	47 5/8"	7' - 1'	2' - 8"	12' - 11"	10.08 R ²
W103	BATH	TILT & TURN	37" x 46"	32"	45 3/8"	3 - 2 7/8"	7' - 0 1/4"	33 1/2"	47 5/8"	7' - 1'	2' - 8"	12' - 11"	10.08 R ²
W104	PRIMARY	TILT & TURN	37" x 53"	32"	57 3/8"	2 - 2 7/8"	7' - 0 1/4"	33 1/2"	59 5/8"	7' - 1'	2' - 8"	14' - 11"	12.75 R ²
W105	BED II	TILT & TURN	37" x 53"	32"	57 3/8"	2 - 2 7/8"	7' - 0 1/4"	33 1/2"	59 5/8"	7' - 1'	2' - 8"	14' - 11"	12.75 R ²
W106	BED III	TILT & TURN	37" x 53"	32"	57 3/8"	2 - 2 7/8"	7' - 0 1/4"	33 1/2"	59 5/8"	7' - 1'	2' - 8"	14' - 11"	12.75 R ²
W107b	LIVING	TILT & TURN	2' X 6'	24"	69 3/8"	1' - 2 7/8"	7' - 0 1/4"	25 1/2"	71 5/8"	7' - 1'	2' - 0"	15' - 7"	11.56 R ²
W108a	LIVING	TILT & TURN	2' X 6'	24"	69 3/8"	1' - 2 7/8"	7' - 0 1/4"	25 1/2"	71 5/8"	7' - 1'	2' - 0"	15' - 7"	11.56 R ²
TILT & TURN: 8													
FIXED													
W101a	FLEX ROOM	FIXED	7' X 6'	86 5/8"	69 3/8"	1' - 2 7/8"	7' - 0 1/4"	88 1/8"	71 5/8"	7' - 1'	7' - 2 5/8"	26' - 0"	41.73 R ²
W107a	LIVING	FIXED	7' X 6'	86 5/8"	69 3/8"	1' - 2 7/8"	7' - 0 1/4"	88 1/8"	71 5/8"	7' - 1'	7' - 2 5/8"	26' - 0"	41.73 R ²
W108b	LIVING	FIXED	7' X 6'	86 5/8"	69 3/8"	1' - 2 7/8"	7' - 0 1/4"	88 1/8"	71 5/8"	7' - 1'	7' - 2 5/8"	26' - 0"	41.73 R ²
FIXED: 3													
Passive: 11													
Gable													
W201		Gable	24' x 24'	24"	24"	5' - 0"	7' - 0"	25 1/2"	26 1/4"	7' - 0 3/4"	2' - 0"	8' - 0"	4 R ²
Gable: 1													
: 1													
GRAND TOTAL: 12													
											42' - 11 7/8"	203' - 2"	222.3 R ²

TAKEOFF - WINDOWS - NORTH

Mark	Type	Width	Height	Area	Perimeter	Passive
Passive						
W104	37" x 53"	2' - 8"	4' - 9 3/8"	13 SF	14' - 10 3/4"	Passive
W105	37" x 53"	2' - 8"	4' - 9 3/8"	13 SF	14' - 10 3/4"	Passive
2				26 SF	29' - 9 1/2"	
2				26 SF	29' - 9 1/2"	

TAKEOFF - WINDOWS - EAST

Mark	Type	Width	Height	Area	Perimeter	Passive
Passive						
W107a	7' X 6'	7' - 2 5/8"	5' - 9 3/8"	42 SF	26' - 0"	Passive
W106	37" x 53"	2' - 8"	4' - 9 3/8"	13 SF	14' - 10 3/4"	Passive
W107b	2' X 6'	2' - 0"	5' - 9 3/8"	12 SF	15' - 6 3/4"	Passive
3				66 SF	56' - 5 1/2"	
3				66 SF	56' - 5 1/2"	

TAKEOFF - WINDOWS - SOUTH

Mark	Type	Width	Height	Area	Perimeter	Passive
Passive						
W108b	7' X 6'	7' - 2 5/8"	5' - 9 3/8"	42 SF	26' - 0"	Passive
W101a	7' X 6'	7' - 2 5/8"	5' - 9 3/8"	42 SF	26' - 0"	Passive
W101b	2' X 6'	2' - 0"	5' - 9 3/8"	12 SF	15' - 6 3/4"	Passive
W108a	2' X 6'	2' - 0"	5' - 9 3/8"	12 SF	15' - 6 3/4"	Passive
4				107 SF	83' - 1 1/2"	
4				107 SF	83' - 1 1/2"	

TAKEOFF - WINDOWS - WEST

Mark	Type	Width	Height	Area	Perimeter	Passive
Passive						
W103	37" x 46"	2' - 8"	3' - 9 3/8"	10 SF	12' - 10 3/4"	Passive
W102	37" x 46"	2' - 8"	3' - 9 3/8"	10 SF	12' - 10 3/4"	Passive
2				20 SF	25' - 9 1/2"	
2				20 SF	25' - 9 1/2"	

WINDOW TYPE COUNT

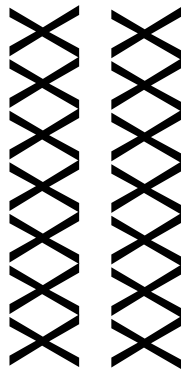
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Passive			
TILT & TURN			
2' X 6'	3	24"	69 3/8"
37" x 46"	2	32"	45 3/8"
37" x 53"	3	32"	57 3/8"
TILT & TURN: 8			

FIXED			
7' X 6'	3	86 5/8"	69 3/8"
FIXED: 3			
Passive: 11			

Gable			
24' x 24'	1	24"	24"
Gable: 1			
: 1			
GRAND TOTAL: 12			

WOOD LILY HOUSE



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PROJECT NAME

WOOD LILY HOUSE

DRAWN BY

EA

CHECKED BY

Checker

BCIN NO.

XXXX

PROJECT NO.

23XXX

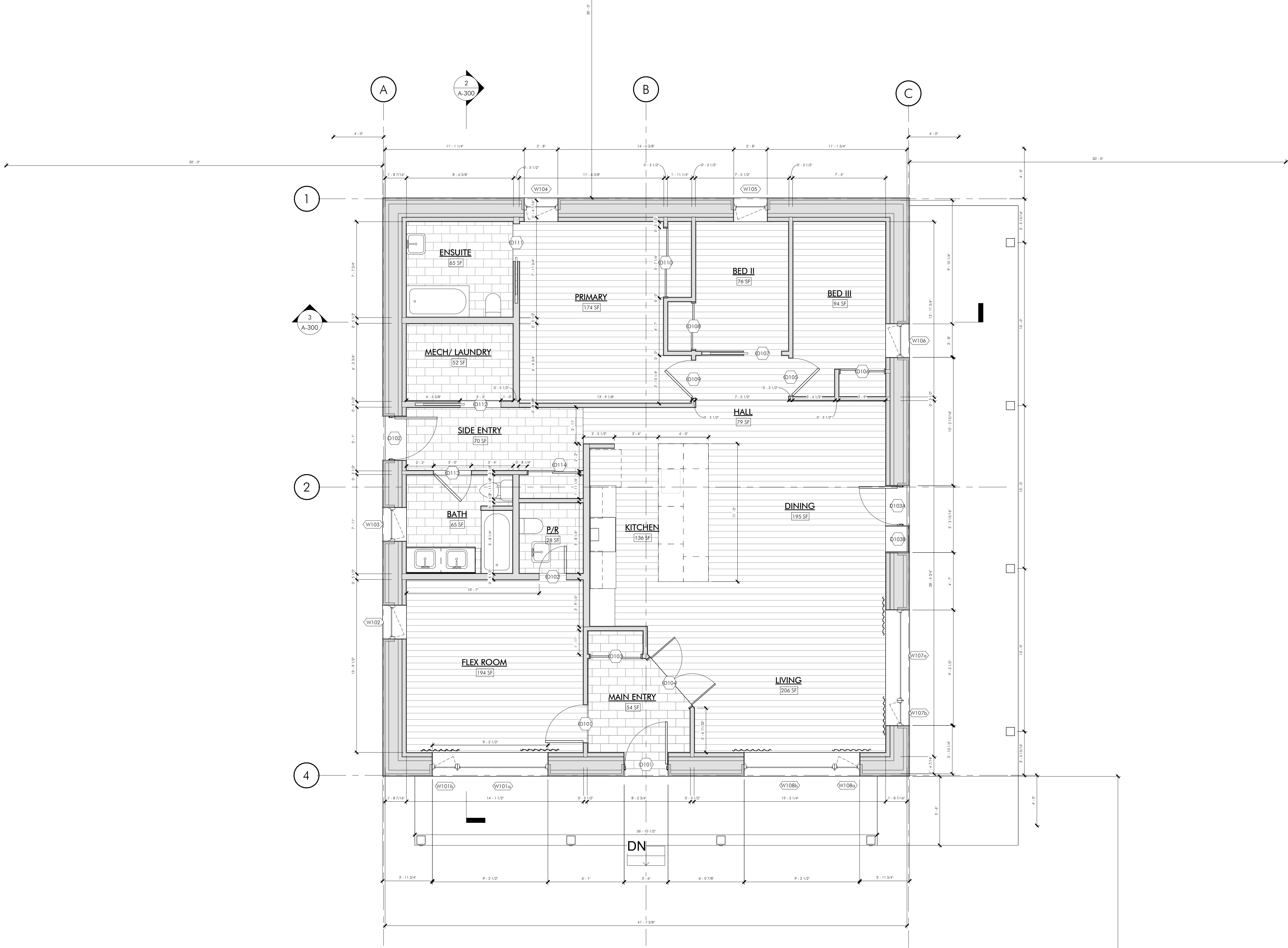
SHEET TITLE

MATERIAL TAKE-OFF

SHEET NO.

A-007

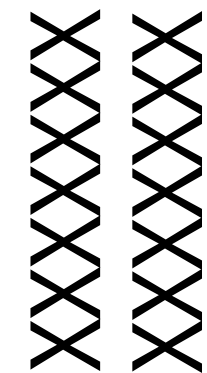
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ALL DIMENSIONS REFERENCE OUTSIDE FACE OF STUD UNLESS OTHERWISE NOTED OR REFERENCE A GRID LINE.
DIMENSIONS TO STRUCTURAL BEAMS AND COLUMNS REFERENCE CENTRELINE UNLESS OTHERWISE NOTED.



1 MAIN LEVEL FLOOR PLAN
1/4" = 1'-0"

ISSUE: DATE: TO:

WOOD LILY HOUSE



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PROJECT NAME

WOOD LILY HOUSE

DRAWN BY

EA

CHECKED BY

Checker

BCIN NO.

XXXX

PROJECT NO.

23XXX

SHEET TITLE

FLOOR PLAN - MAIN LEVEL

SHEET NO.

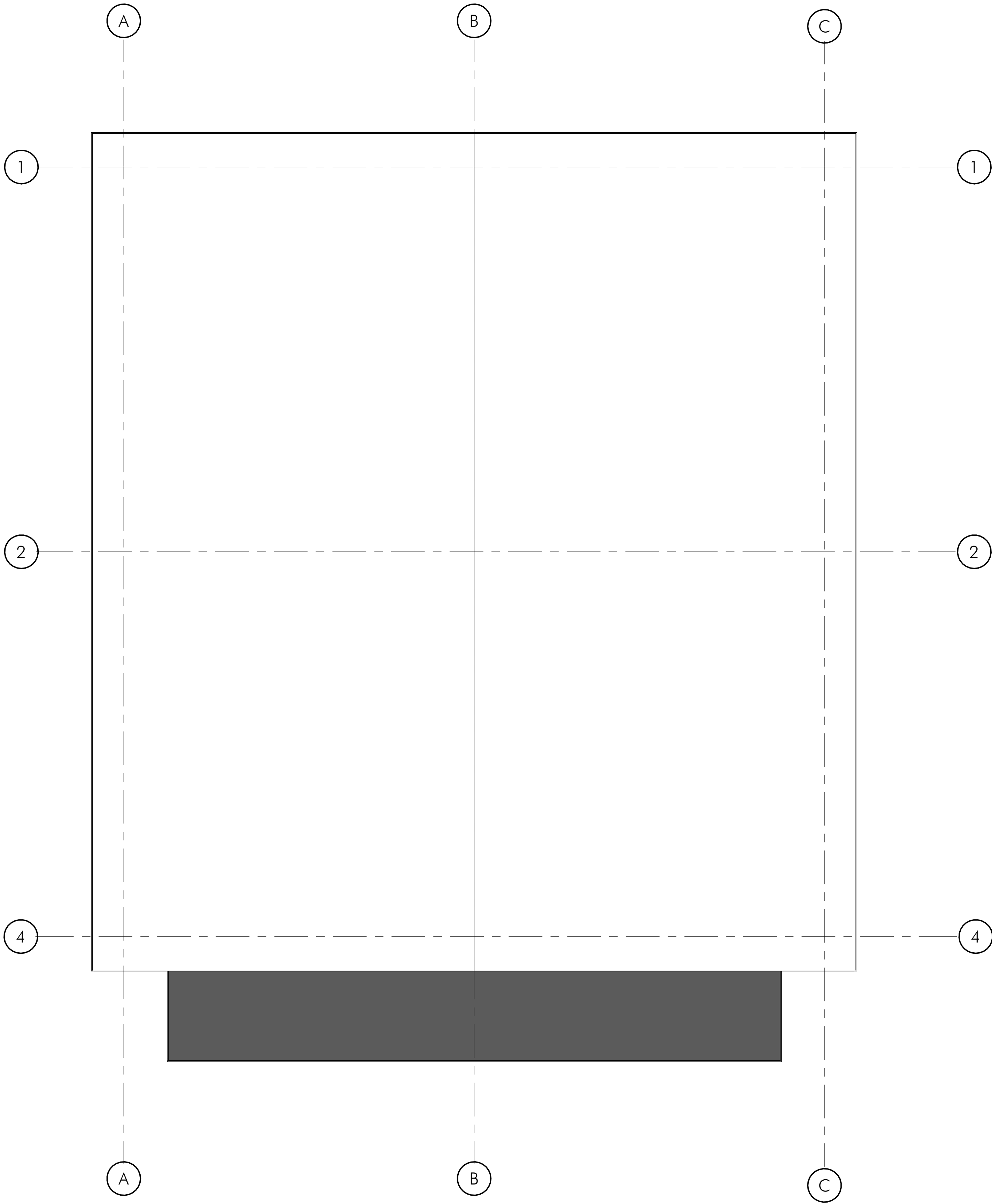
A-101

WOOD LILY HOUSE

ISSUE SET : 24/12/18

DIMENSION NOTE:
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DIMENSIONS TO STRUCTURAL BEAMS AND COLUMNS REFERENCE CENTRELINE UNLESS OTHERWISE NOTED.

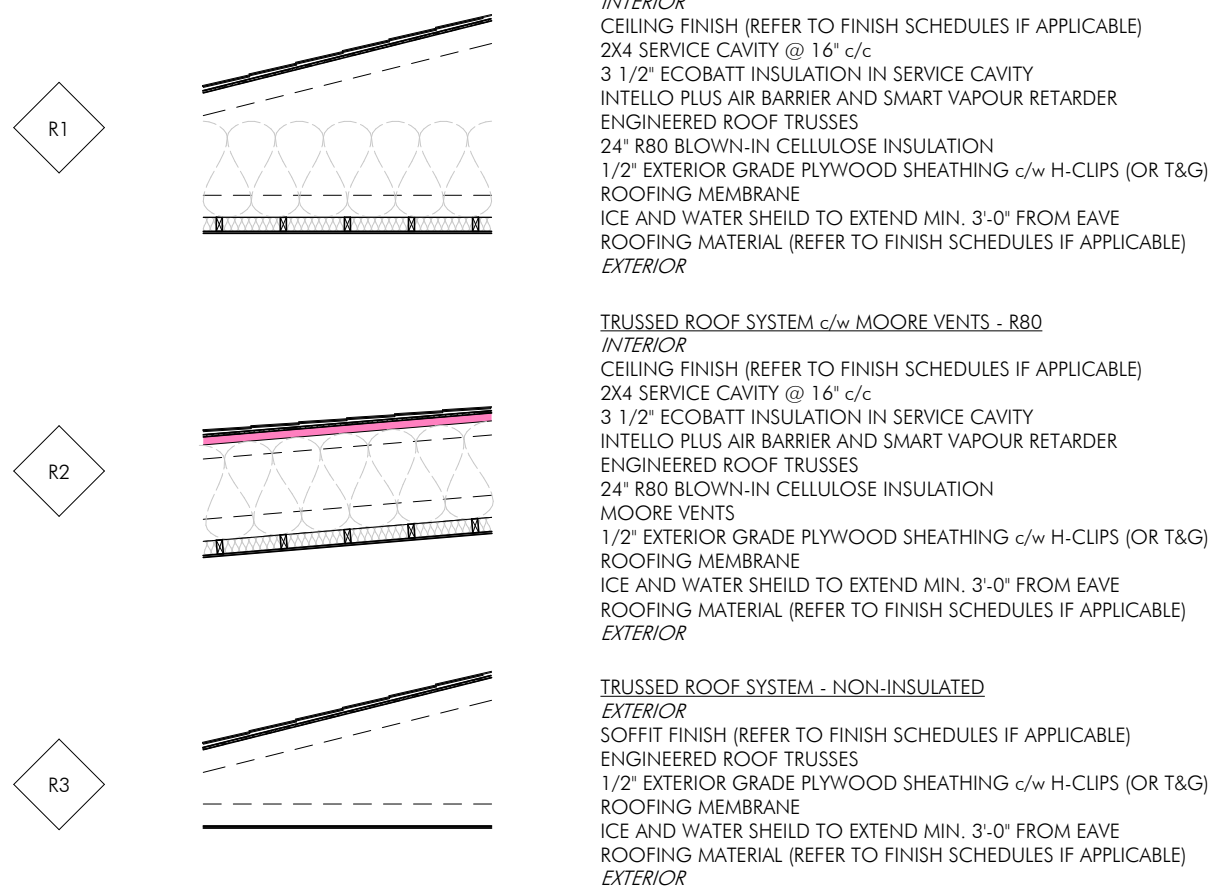
COLUMN SCHEDULE			
TAG	STRUCTURAL MEMBER	DESCRIPTION	COMMENTS



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

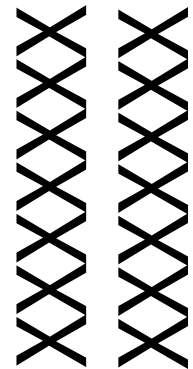
ROOF ASSEMBLIES

STRUCTURAL ROOFS



ISSUE: DATE: TO:

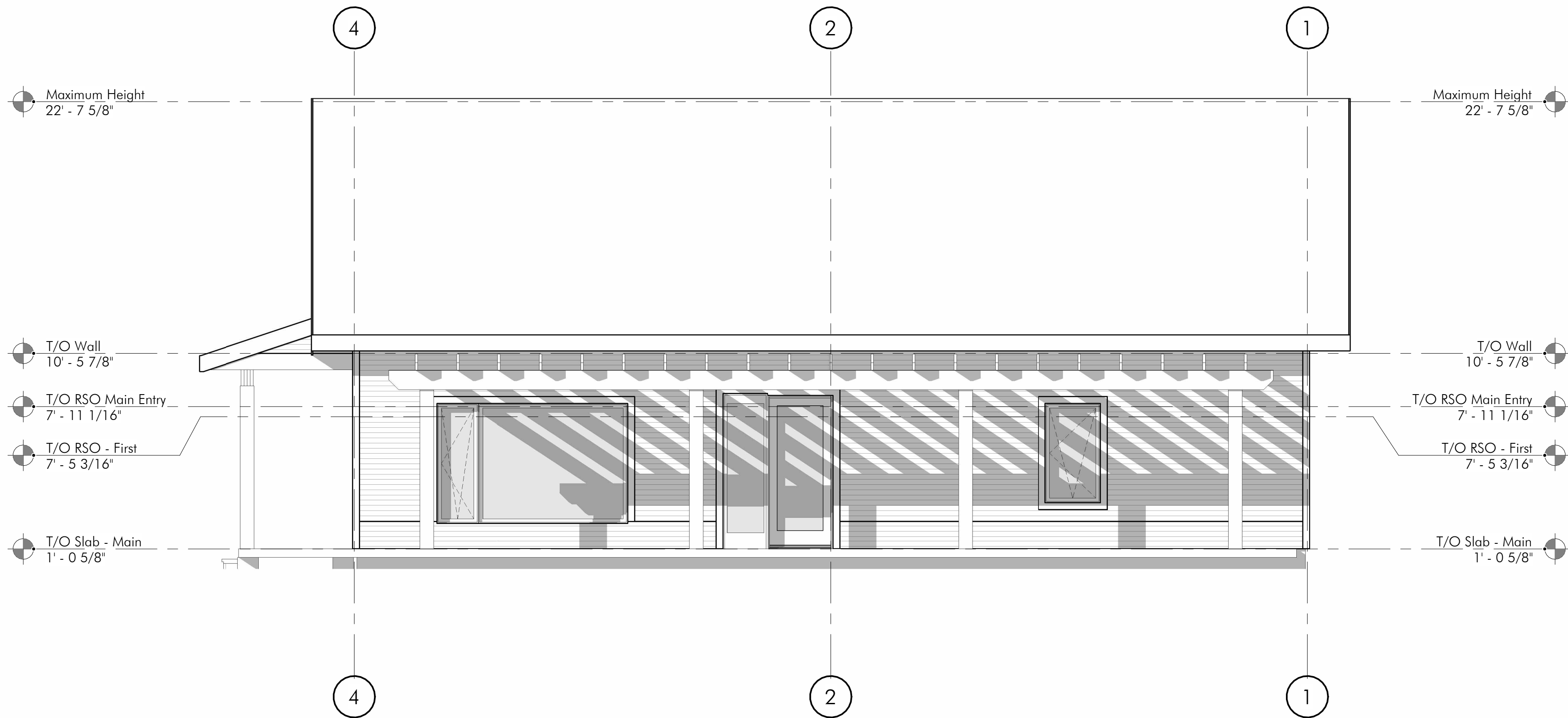
WOOD LILY HOUSE



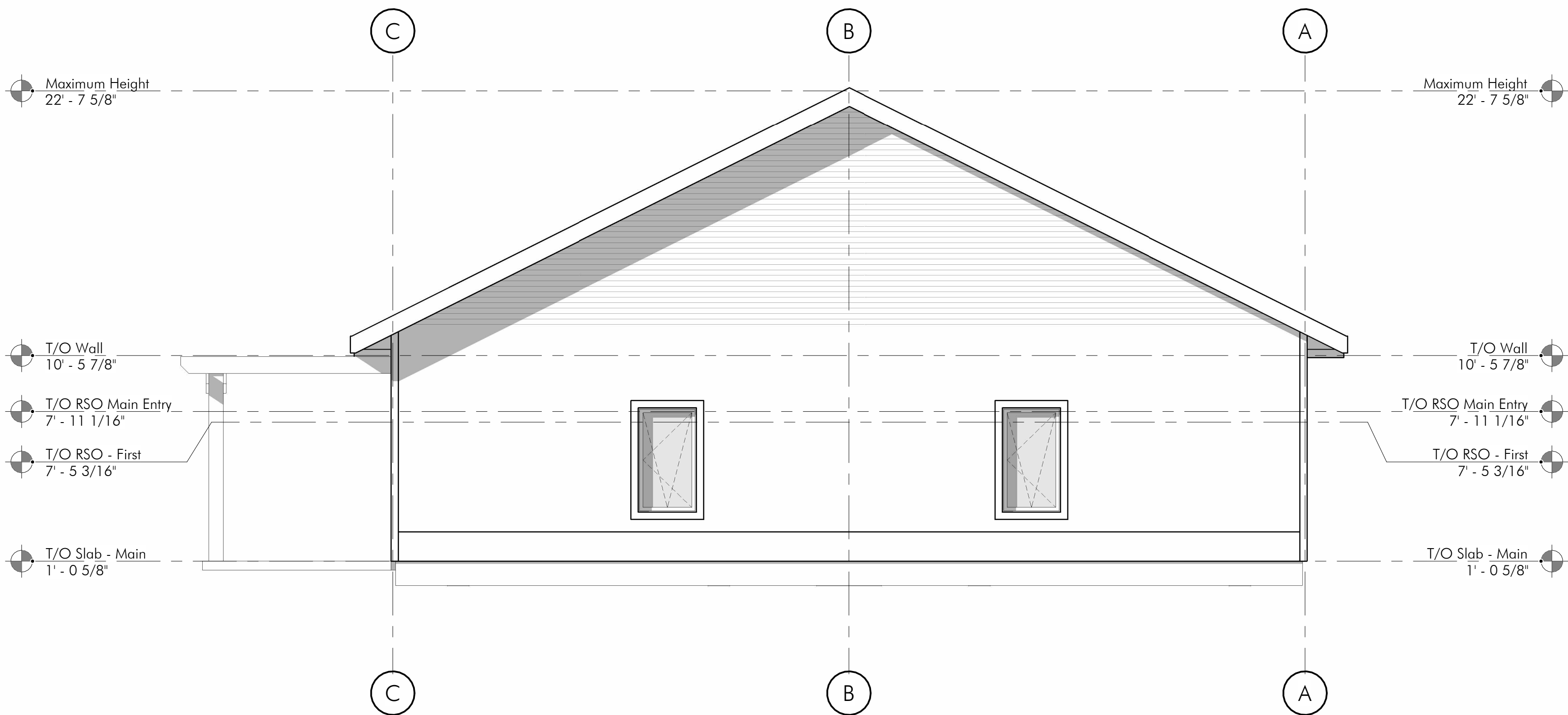
QUANTUM PASSIVHAUS
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PROJECT NAME	
WOOD LILY HOUSE	
DRAWN BY	EA
CHECKED BY	Checker
BCIN NO.	XXXX
PROJECT NO.	23XXX
SHEET TITLE	
ROOF PLAN	
SHEET NO.	

A-103

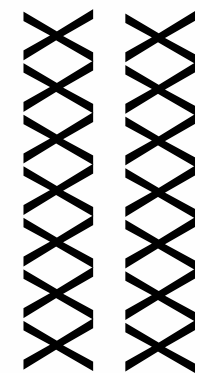


1 EXTERIOR ELEVATION - EAST
1/4" = 1'-0"



2 EXTERIOR ELEVATION - NORTH
1/4" = 1'-0"

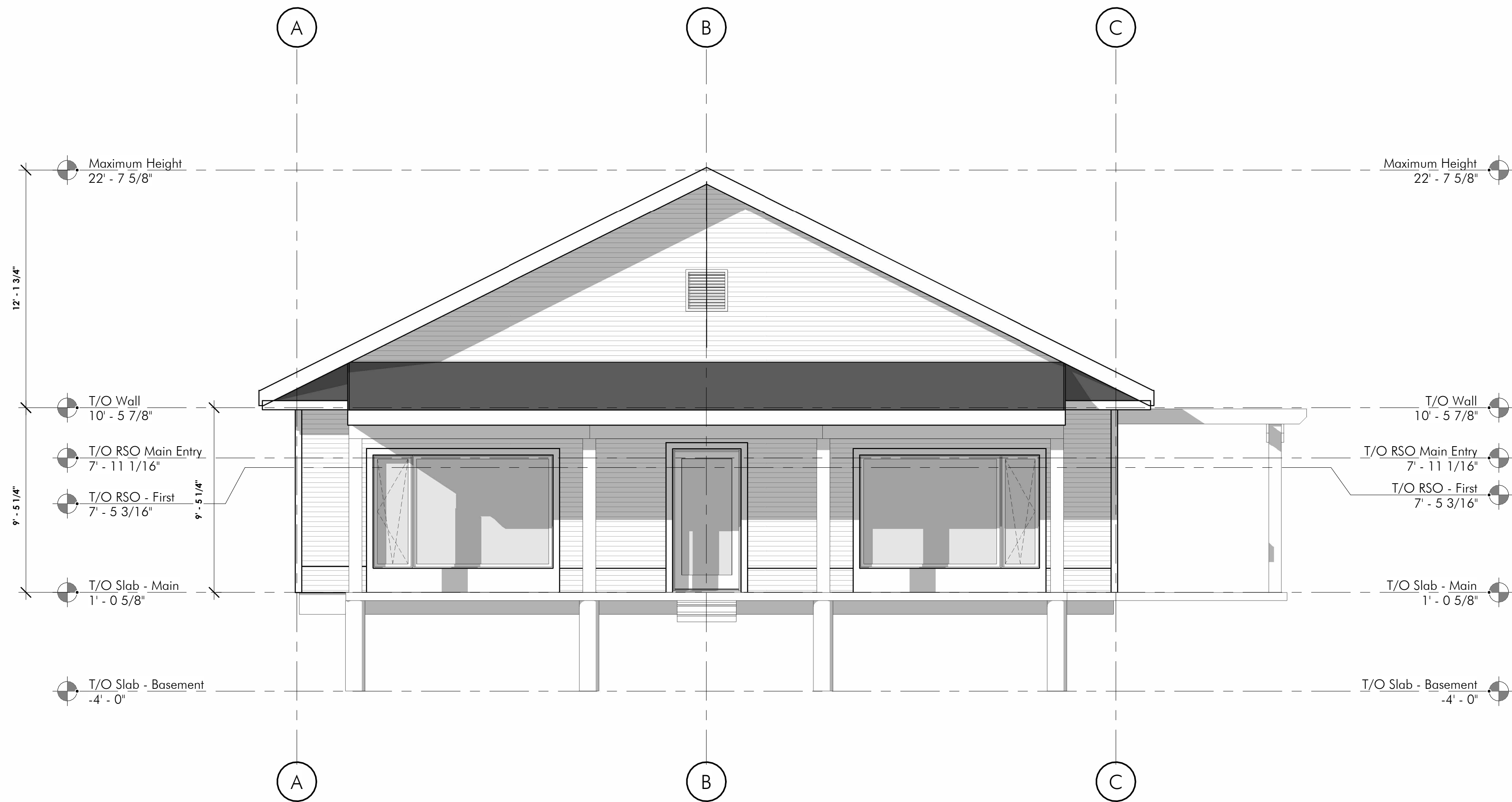
WOOD LILY HOUSE



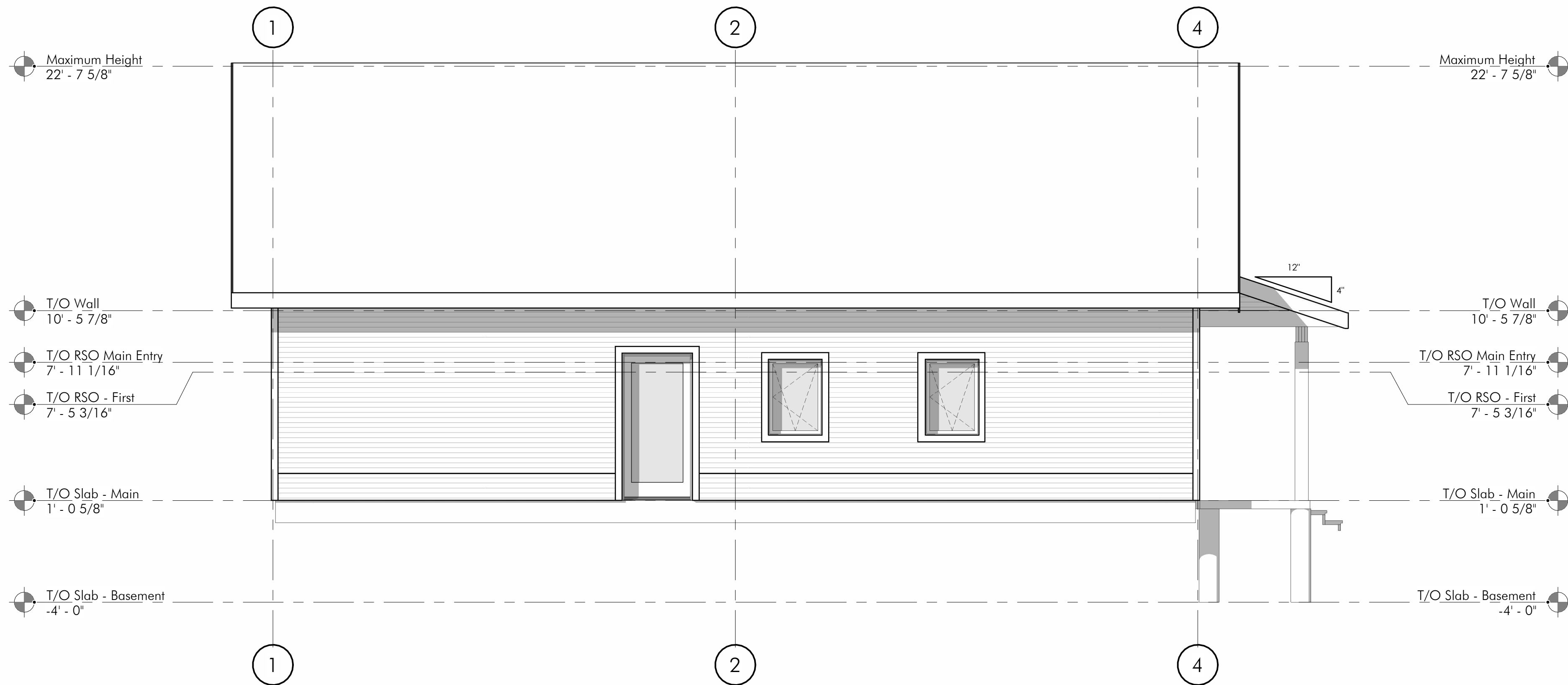
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PROJECT NAME	
WOOD LILY HOUSE	
DRAWN BY	EA
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BCIN NO.	XXXX
PROJECT NO.	23XXX
SHEET TITLE	
EXTERIOR ELEVATIONS	
SHEET NO.	

A-200



1 REAR EXTERIOR ELEVATION
1/4" = 1'-0"



2 RIGHT EXTERIOR ELEVATION
1/4" = 1'-0"



ISSUE: DATE: TO:

WOOD LILY HOUSE

WOOD LILY HOUSE

XXXXXX
XXXXXX



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PROJECT NAME

WOOD LILY HOUSE

DRAWN BY

EA

CHECKED BY

Checker

BCIN NO.

XXXX

PROJECT NO.

23XXX

SHEET TITLE

EXTERIOR ELEVATIONS CONT'D

SHEET NO.

A-201

ISSUE SET : 24/12/18