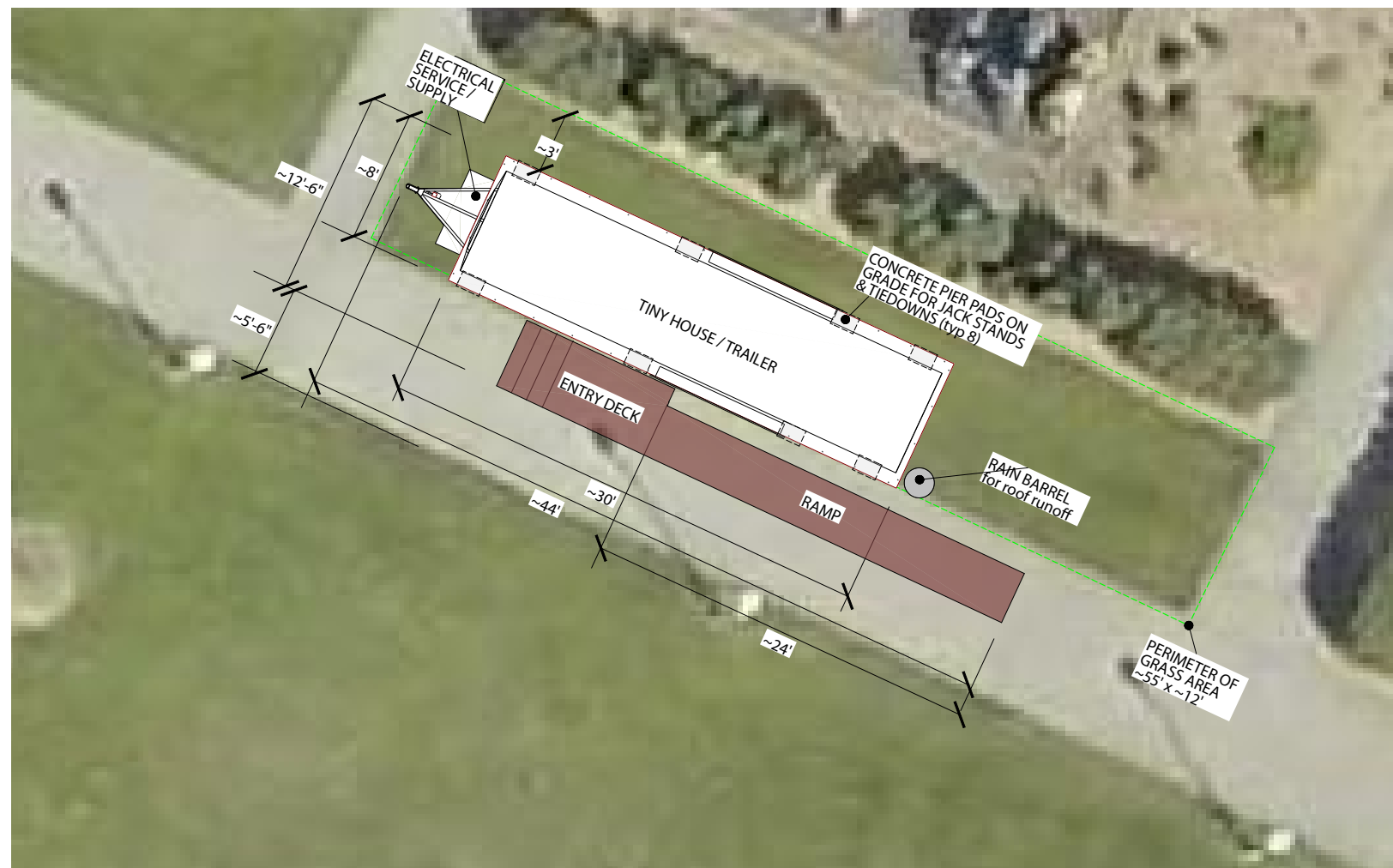


FLAG PLAZA SITE LOCATION
no scale



SITE PLAN
scale: 1 in = 10 ft



Client:
Project ZeNETH
Western Washington University
Bellingham WA

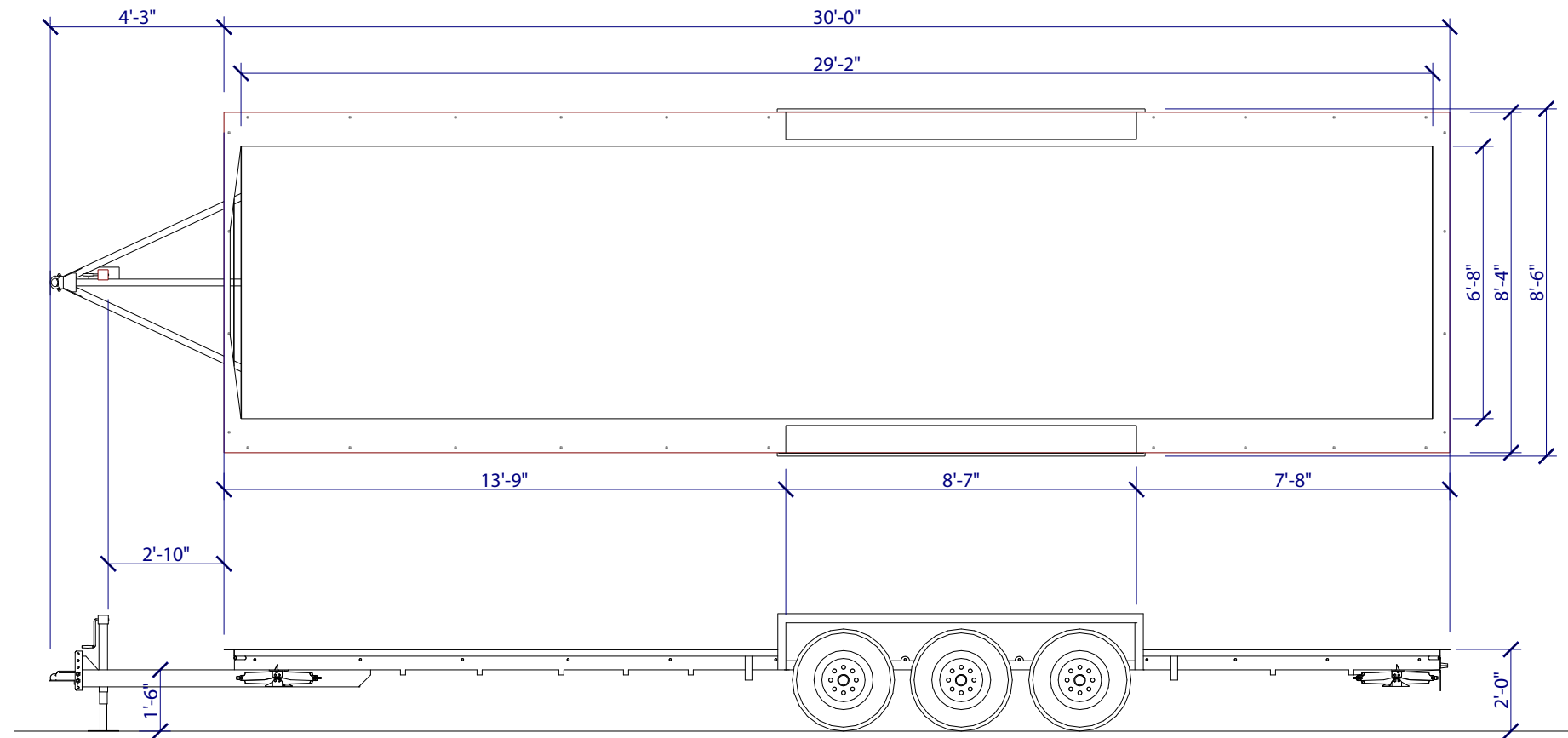
**Zero Net Energy Tiny House
Site Information**

Prepared by:
d.kangas

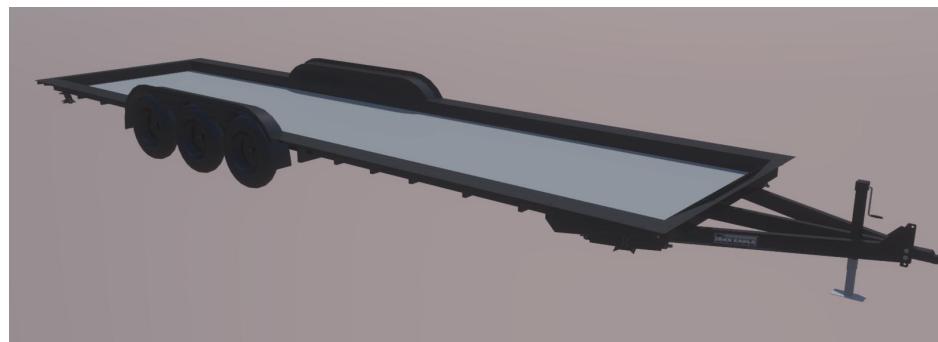
Date:
10/3/2019

Scale:
as noted

Sheet:



TRAILER SPECIFICATIONS
scale: 1/4 in = 1 ft



3D TRAILER RENDERINGS
no scale

| Sheet | Title |
|-------|--------------------------------|
| A-1 | Site Information |
| A-2 | Trailer Information |
| A-3 | Floor Plan & Schedules |
| A-4 | Elevations |
| A-5 | Renderings |
| A-6 | Section & Framing Details |
| A-7 | Roof Plan & SIPS Detail |
| A-8 | Wall Assembly & Siding Details |
| A-9 | Solar |
| A-10 | Electrical Plan |
| A-11 | Cabinet Schedule |
| A-12 | Details |



ADAPTATIONS
DESIGN STUDIO

Client:
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Western Washington University
Bellingham WA

Zero Net Energy Tiny House
Trailer Information

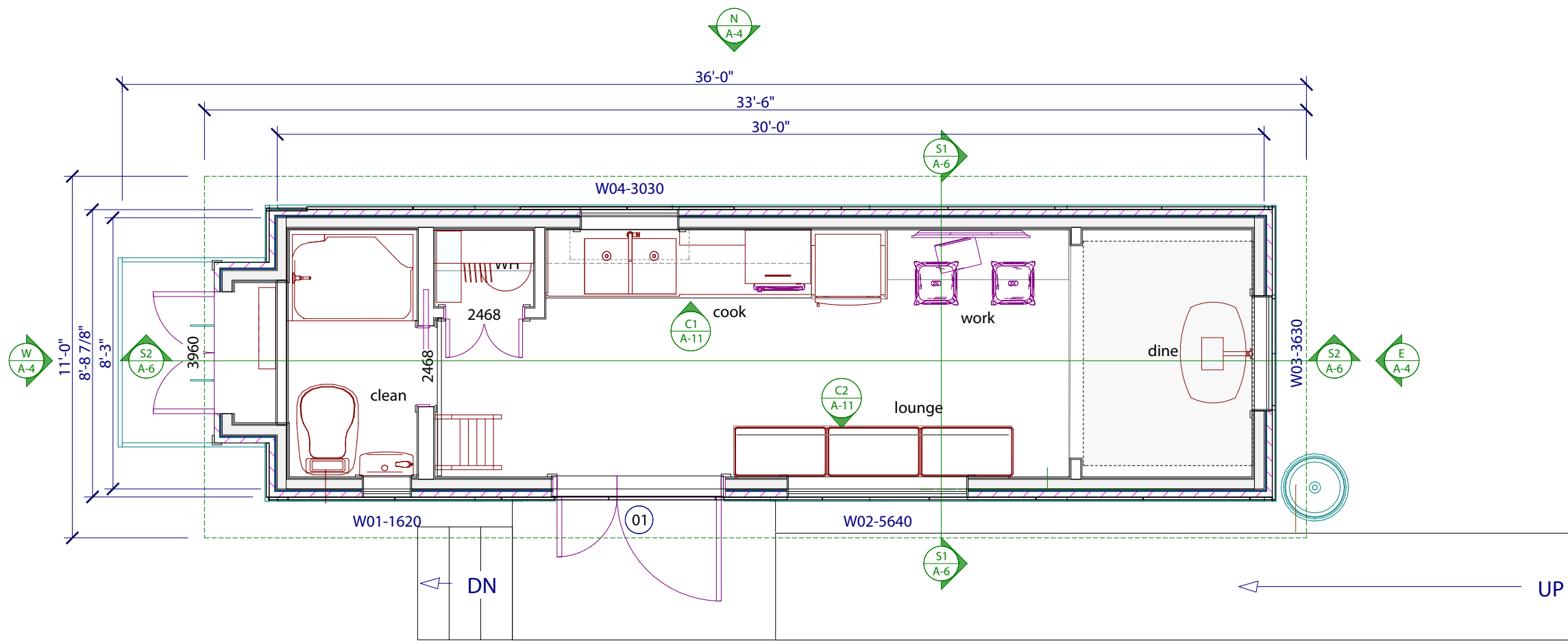
Prepared by:
d.kangas

Date:
10/3/2019

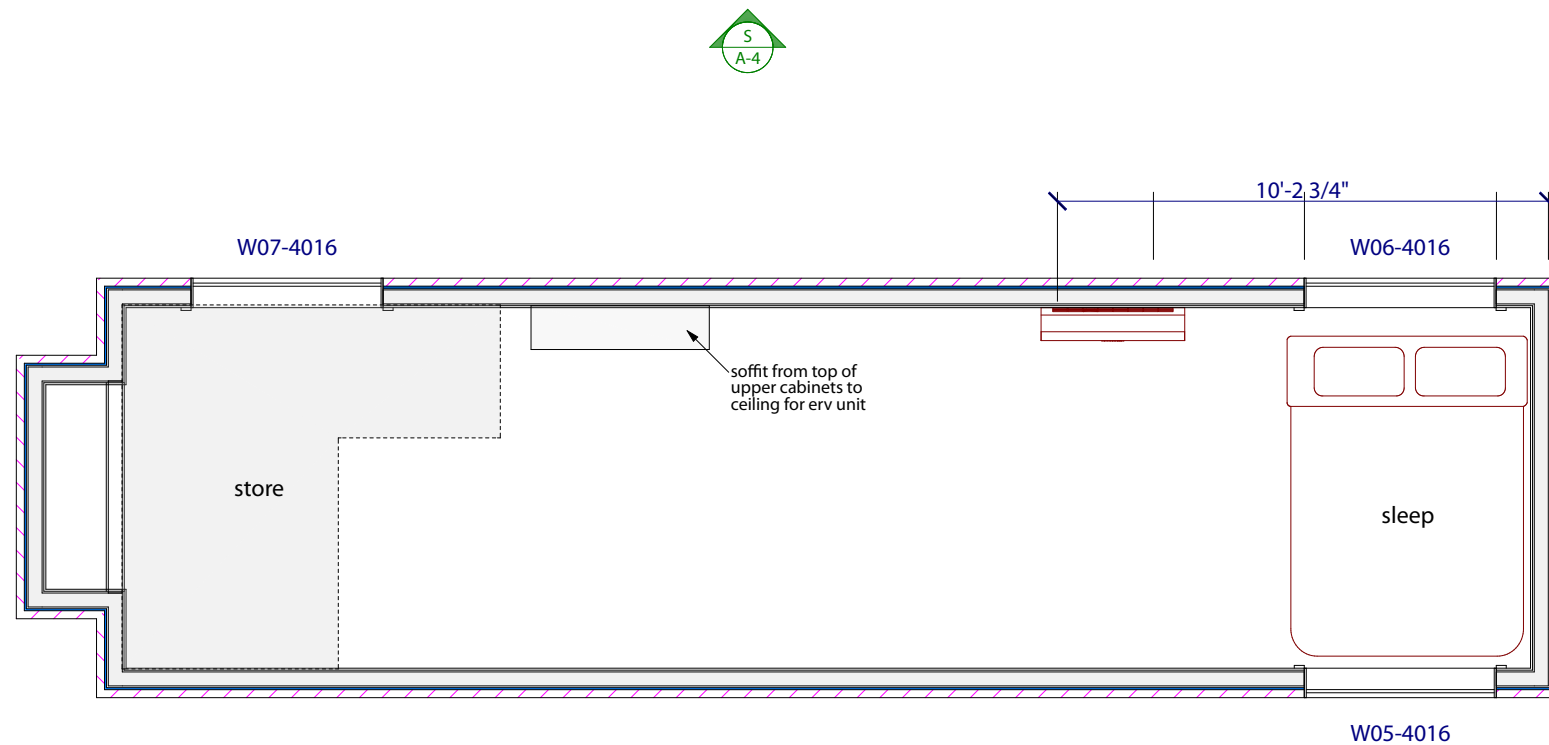
Scale:
as noted

Sheet:

A-2



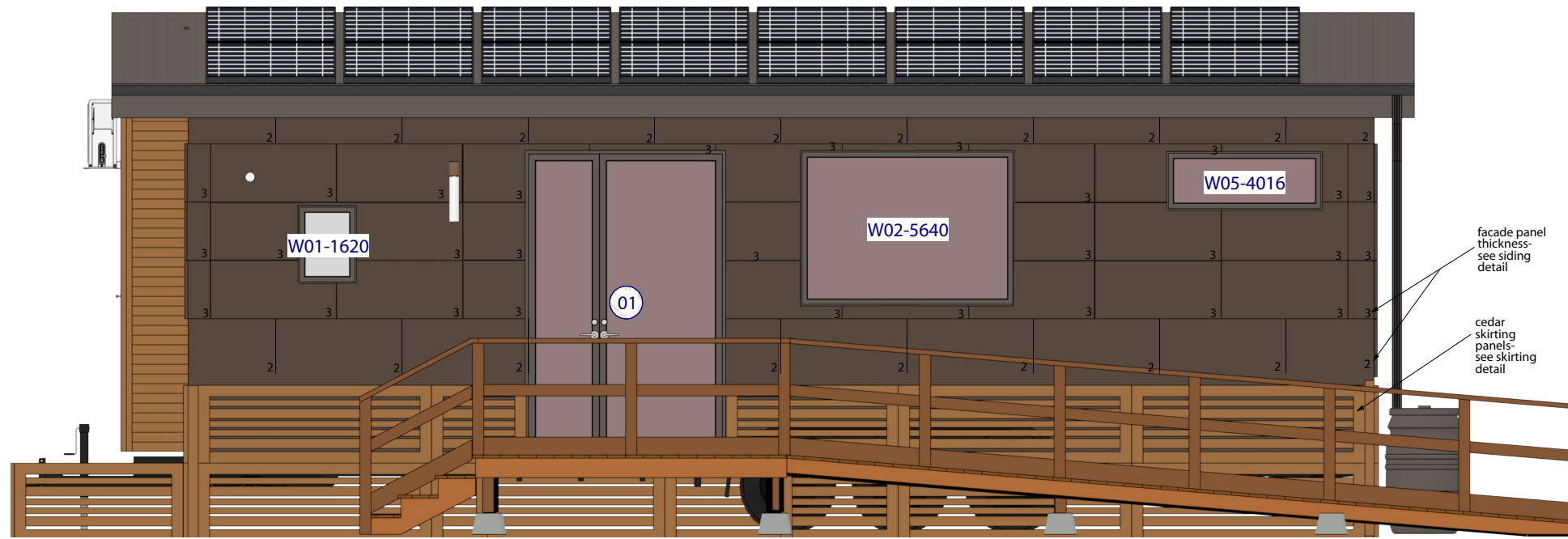
MAIN FLOOR PLAN
scale: 1/4 in = 1 ft



LOFT/ATTIC FLOOR PLAN
scale: 1/4 in = 1 ft

| WINDOW SCHEDULE | | | | | | | |
|-----------------|---------|-----|-------------|------|----------|--------|---------------|
| EXT ELEV | SCHED # | QTY | DESCRIPTION | SIZE | TEMPERED | EGRESS | COMMENTS |
| | W01 | 1 | FIXED GLASS | 1620 | YES | | OBSCURE GLASS |
| | W02 | 1 | FIXED GLASS | 5640 | YES | | |
| | W03 | 1 | TILT & TURN | 3630 | | YES | |
| | W04 | 1 | TILT & TURN | 3030 | | | |
| | W05 | 1 | FIXED GLASS | 4016 | | | |
| | W06 | 1 | TILT & TURN | 4016 | YES | | |
| | W07 | 1 | TILT & TURN | 4016 | YES | | |

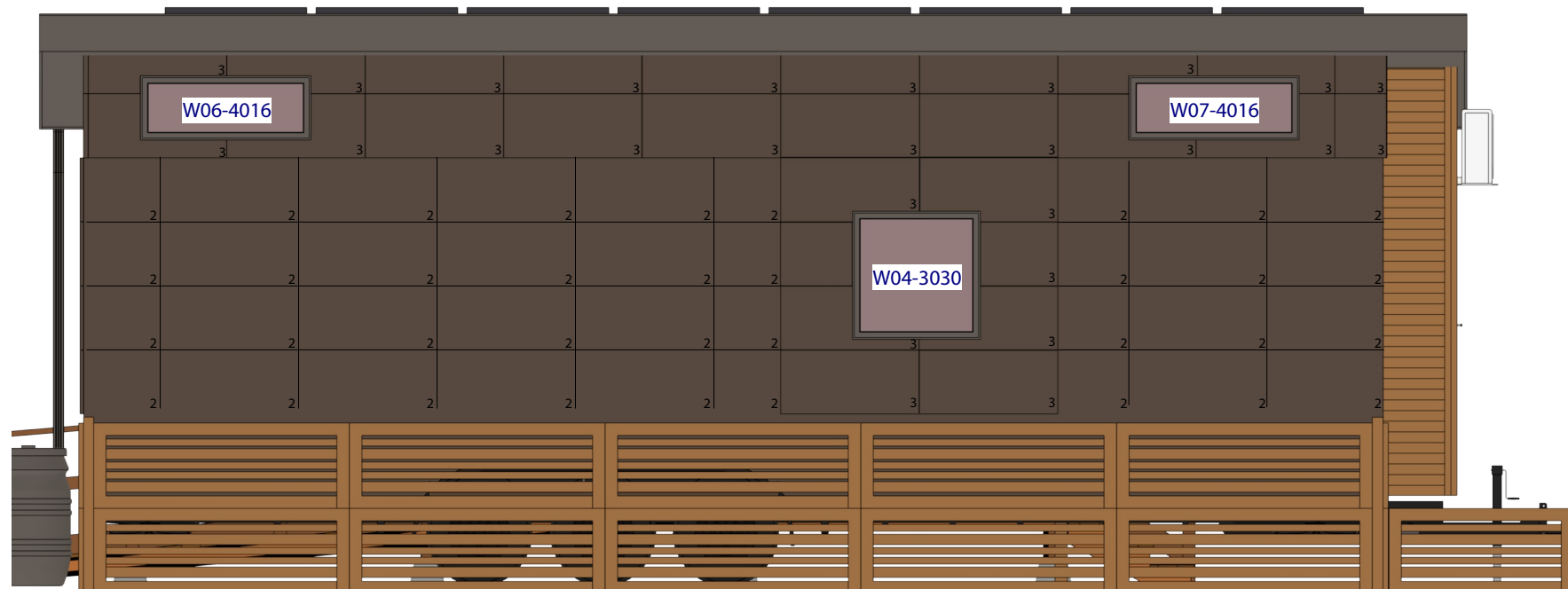
| DOOR SCHEDULE | | | | | |
|---------------|---------|-----|-------------|------|----------|
| EXT ELEV | SCHED # | QTY | DESCRIPTION | SIZE | COMMENTS |
| | 01 | 1 | MULLED UNIT | 5078 | |



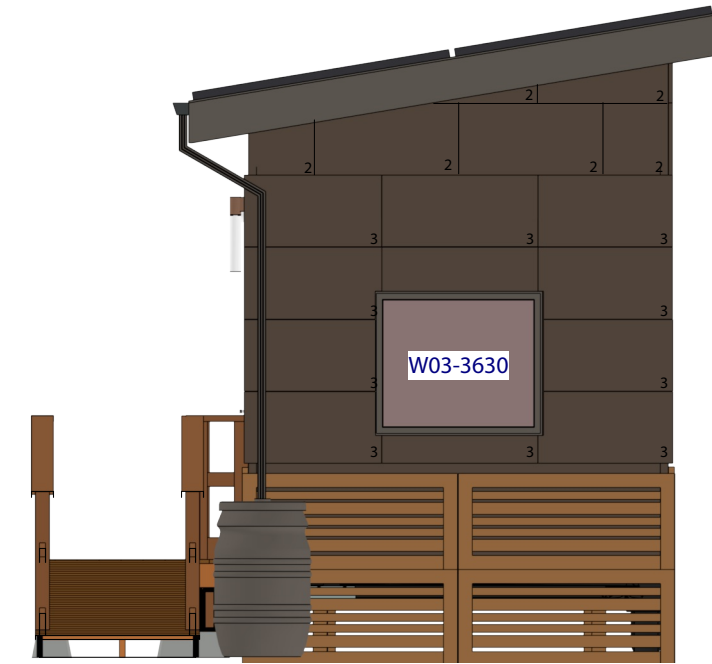
SOUTH ELEVATION
scale: 1/4 in = 1 ft



WEST ELEVATION
scale: 1/4 in = 1 ft



NORTH ELEVATION
scale: 1/4 in = 1 ft



EAST ELEVATION
scale: 1/4 in = 1 ft



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Bellingham WA

Zero Net Energy Tiny House
Elevations

Prepared by:
d.kangas

Date:
10/3/2019

Scale:
as noted

Sheet:

A-4



SE Camera



SW Camera



Interior Camera 1



Interior Camera 2



Client:
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Western Washington University
Bellingham WA

Zero Net Energy Tiny House
Renderings

Prepared by:
d.kangas

Date:
10/3/2019

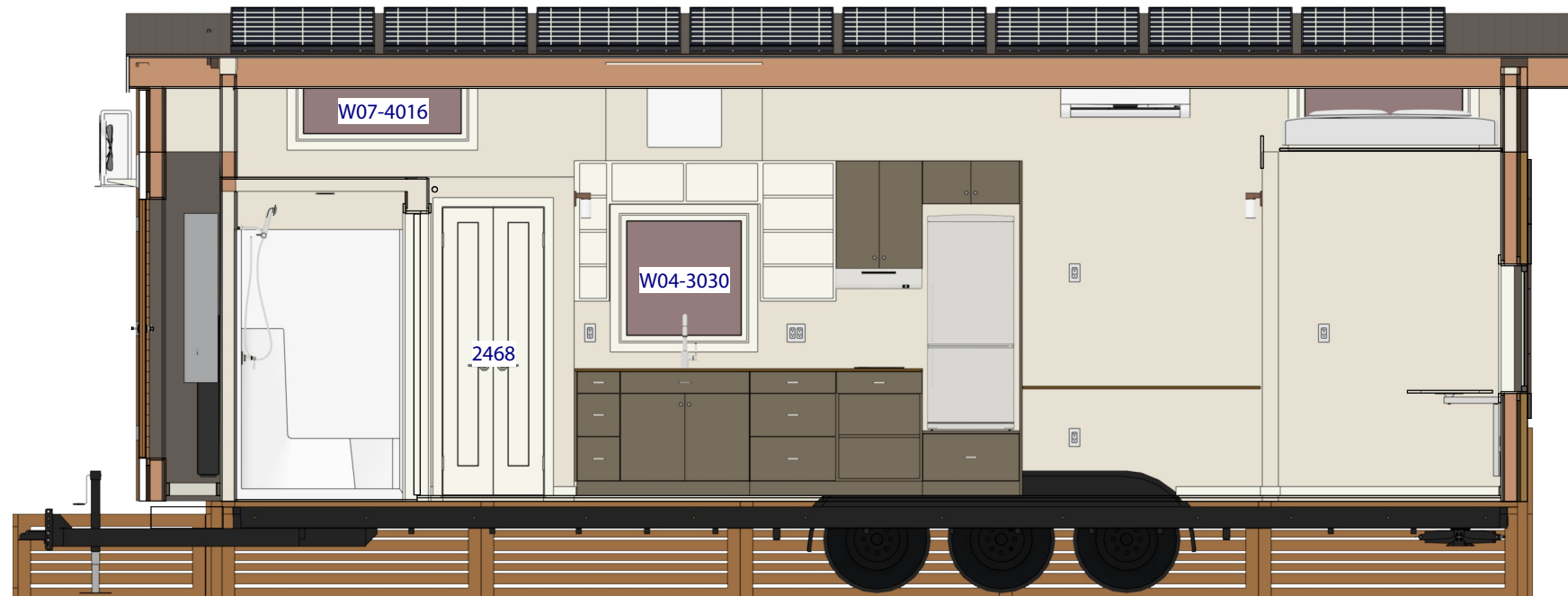
Scale:
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Sheet:

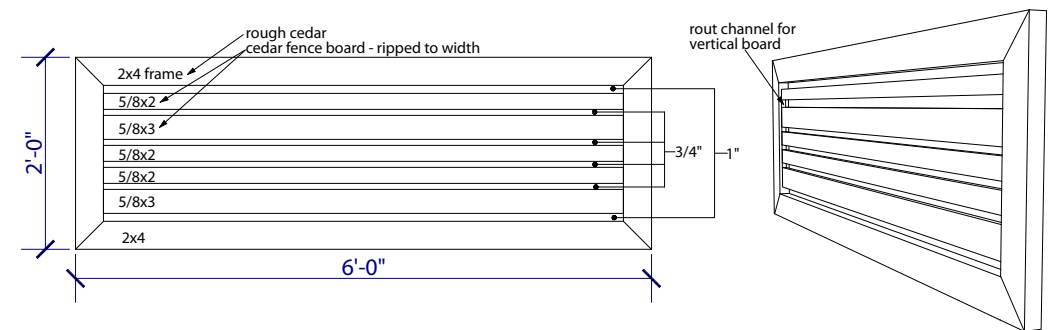
A-5



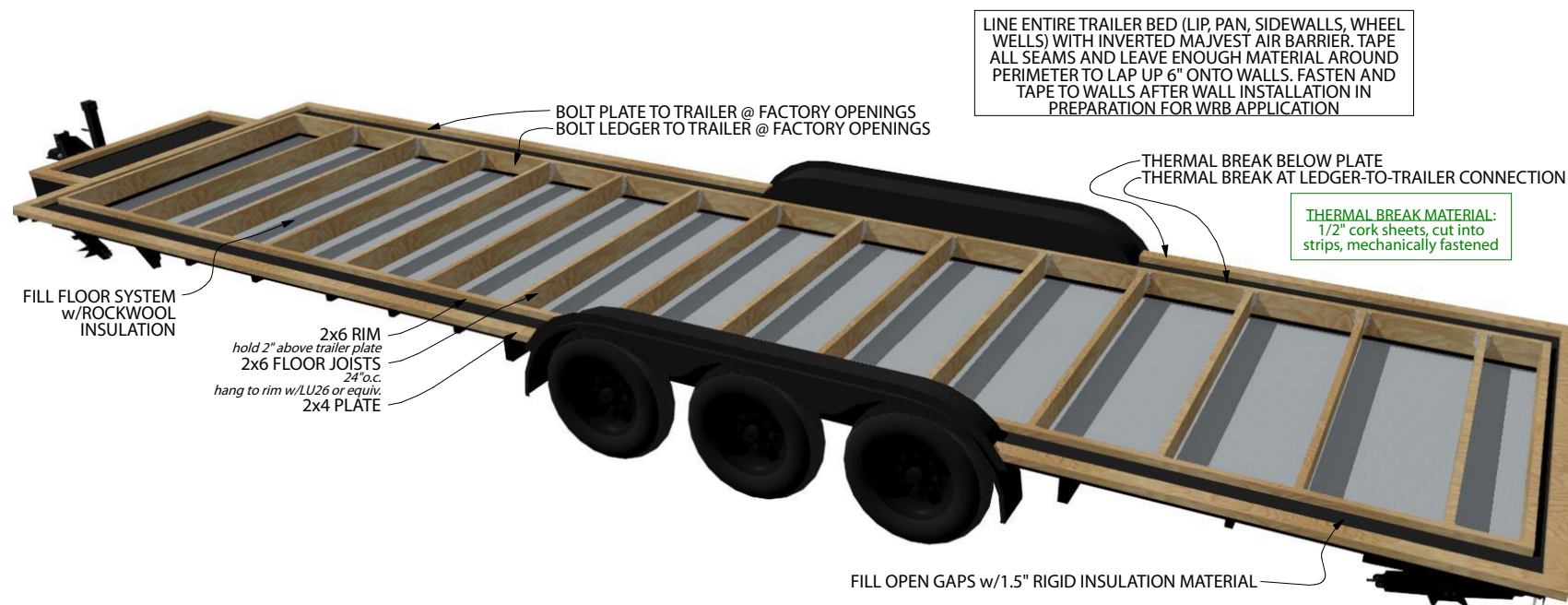
THRU SEC 1
scale: 1/4 in = 1 ft



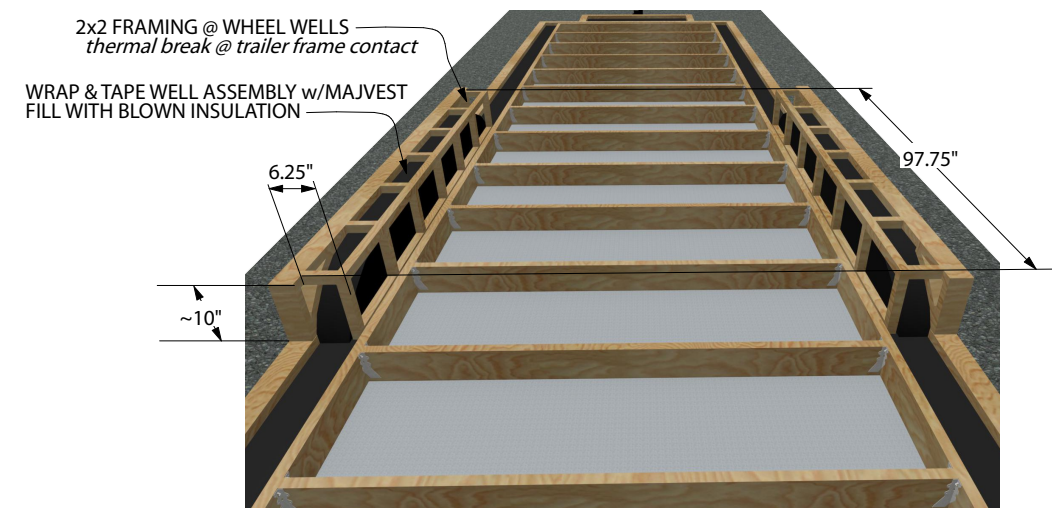
THRU SEC 2
scale: 1/4 in = 1 ft



SKIRTING DETAIL
scale: 1/2 in = 1 ft



TRAILER FRAMING OVERVIEW
no scale



TRAILER WHEEL WELL FRAMING
no scale



Client:
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Western Washington University
Bellingham WA

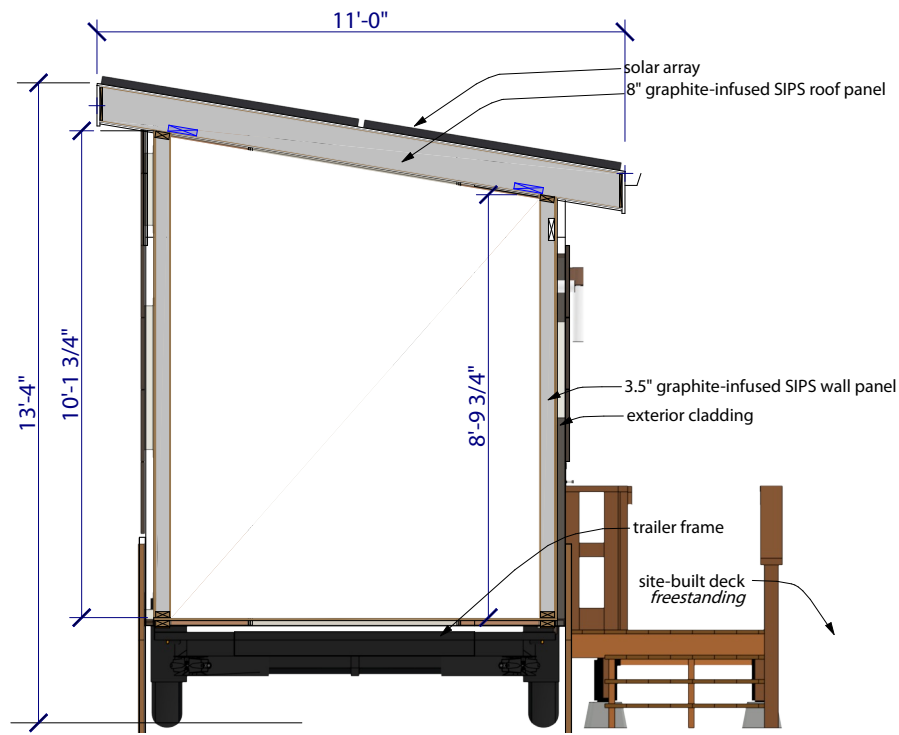
Zero Net Energy Tiny House
Section & Framing Details

Prepared by:
d.kangas

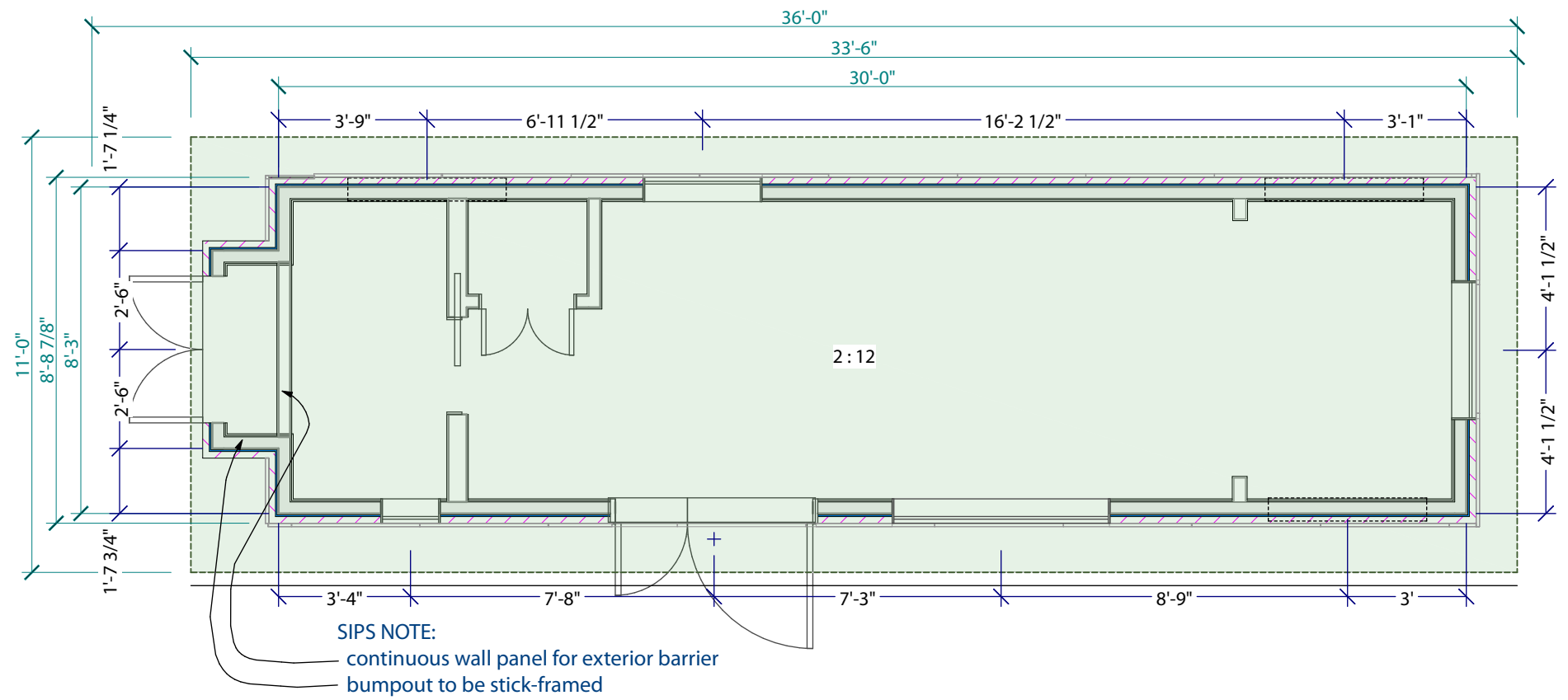
Date:
10/3/2019

Scale:
as noted

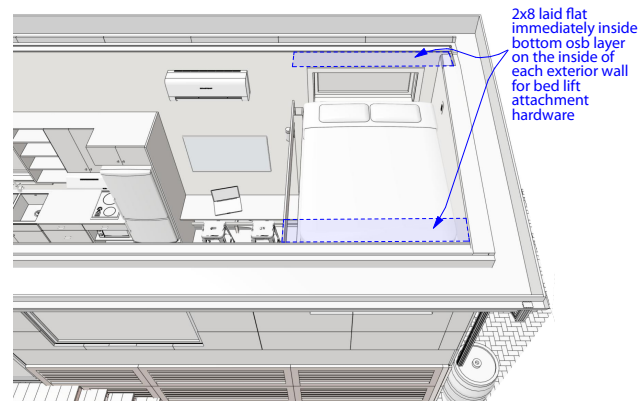
Sheet:



SIPS Thru Section
scale: 1/4 in = 1 ft



Roof Plan
scale: 1/4 in = 1 ft

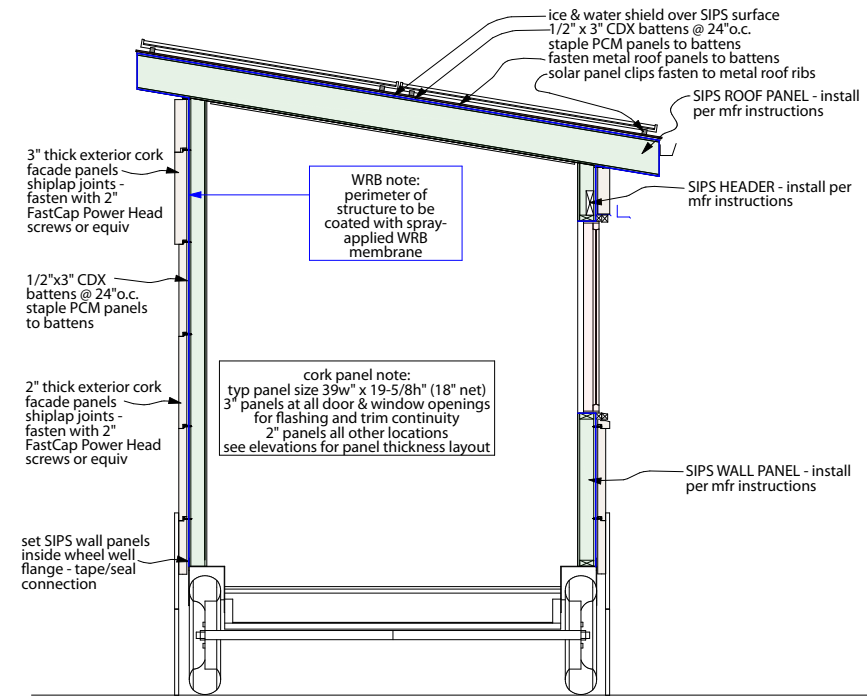


SIPS Ceiling Support
scale: 1/4 in = 1 ft

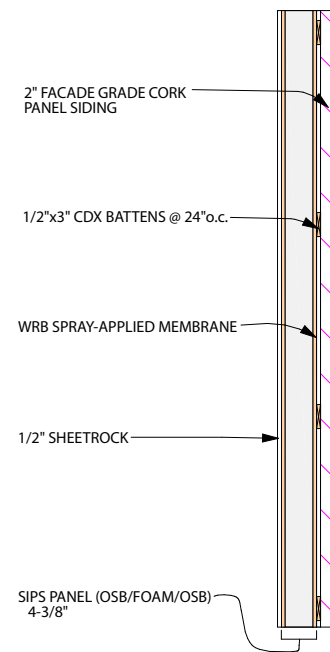




SIDING RENDERING
no scale

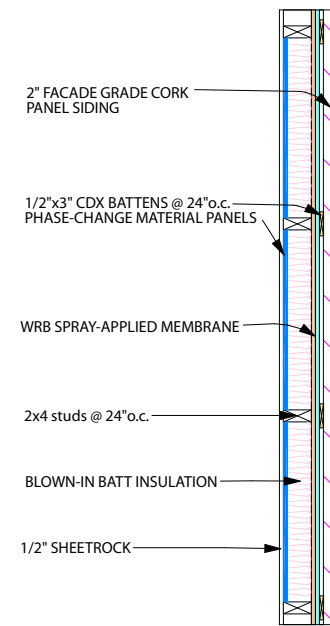


SIDING SECTION
scale: 1/4 in = 1 ft

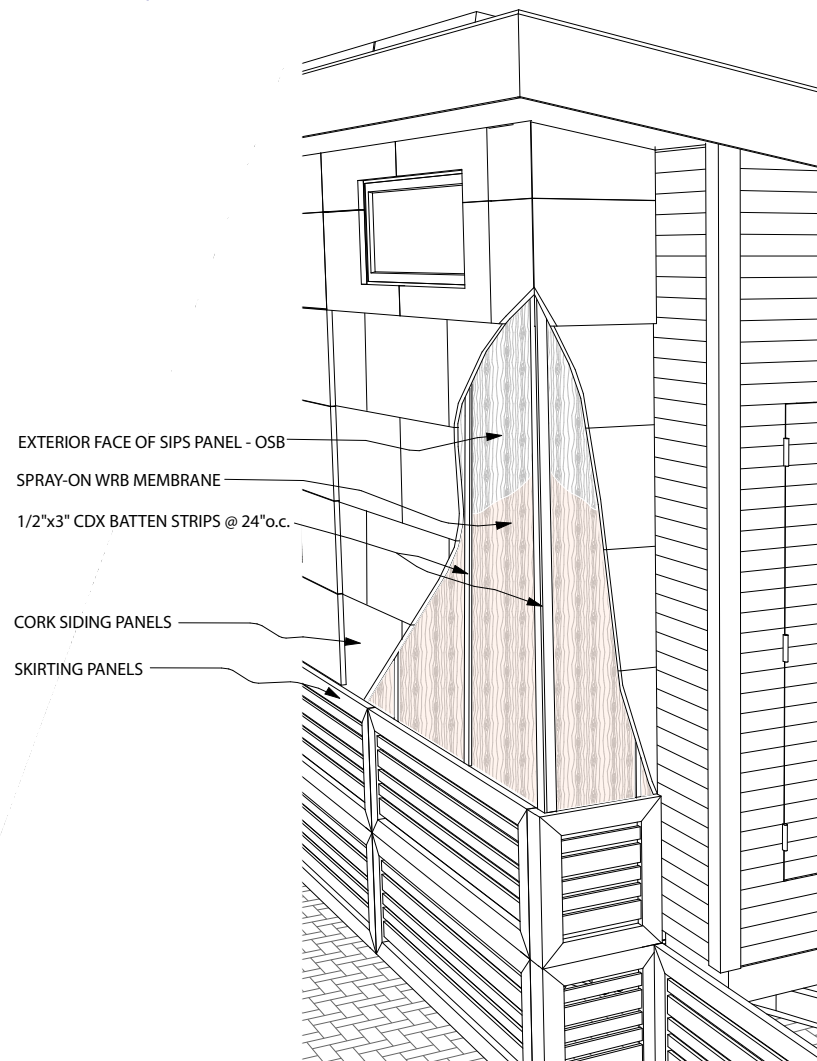


SIPS WALL ASSEMBLY

WALL ASSEMBLY DETAILS
scale: 1/2 in = 1 ft



ALT. STICK-FRAME WALL ASSEMBLY



SIDING CUTAWAY
no scale



Client:
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 Western Washington University
 Bellingham WA

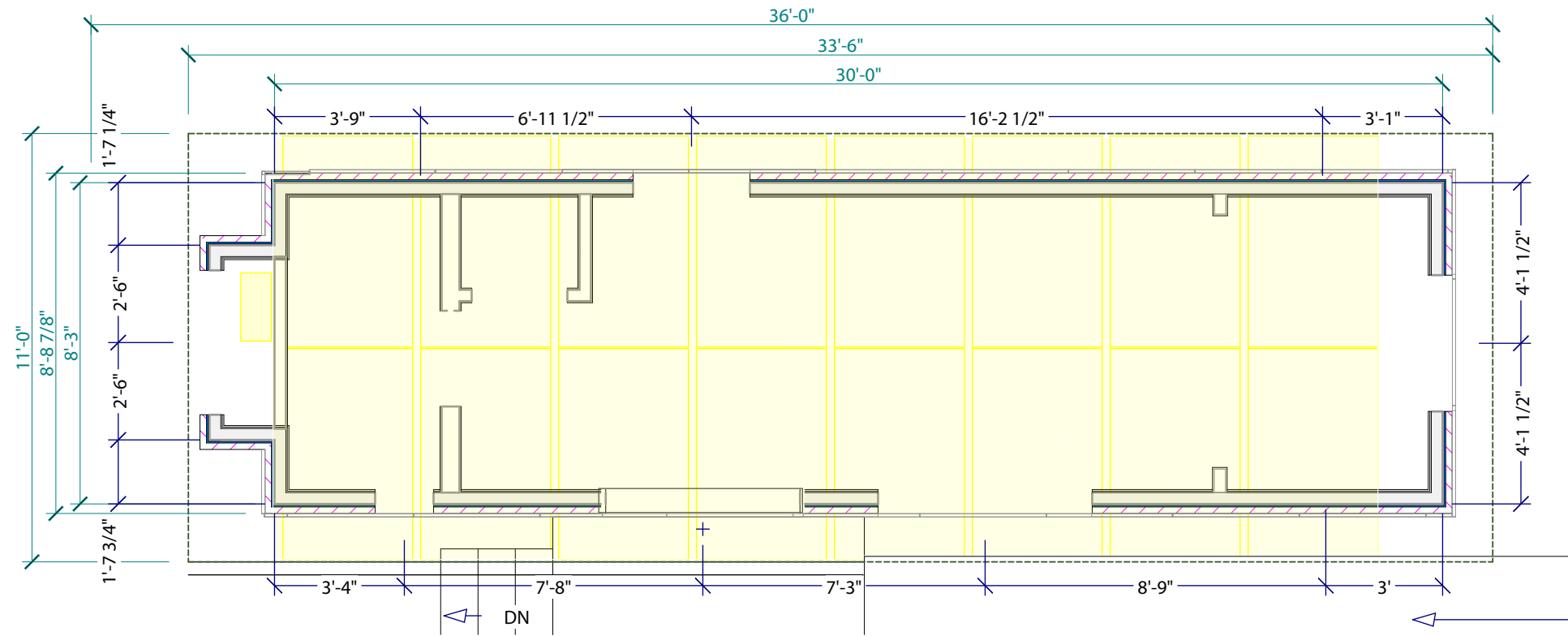
**Zero Net Energy Tiny House
 Wall Assembly & Siding Details**

Prepared by:
 d.kangas

Date:
 10/3/2019

Scale:
 as noted

Sheet:



Solar Panel Layout
scale: 1/4 in = 1 ft



Solar Array View
no scale



ADAPTATIONS
DESIGN STUDIO

Client:
Project ZeNETH
Western Washington University
Bellingham WA

**Zero Net Energy Tiny House
Solar**

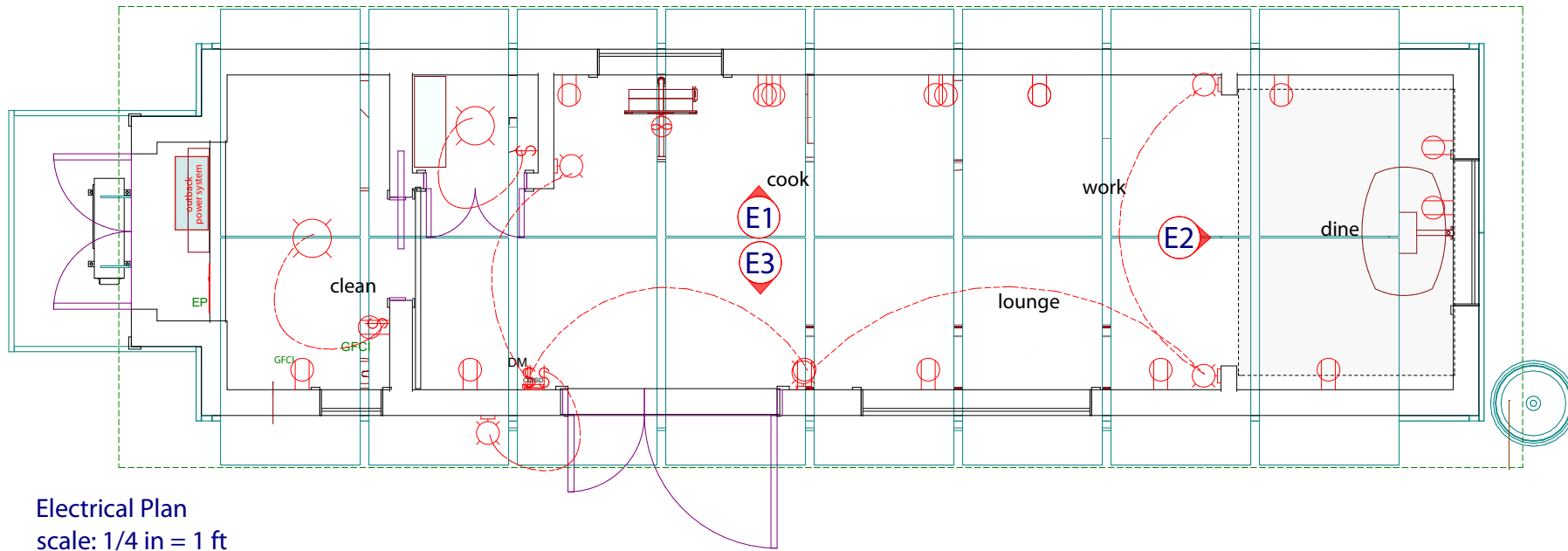
Prepared by:
d.kangas

Date:
10/3/2019

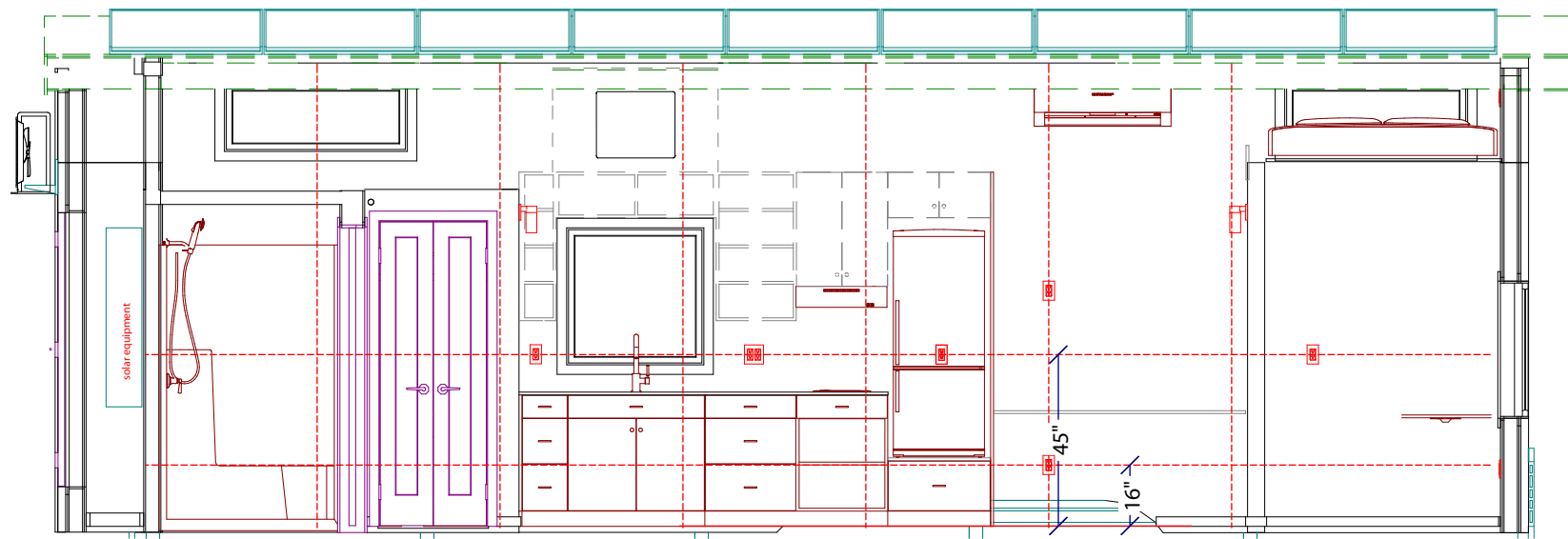
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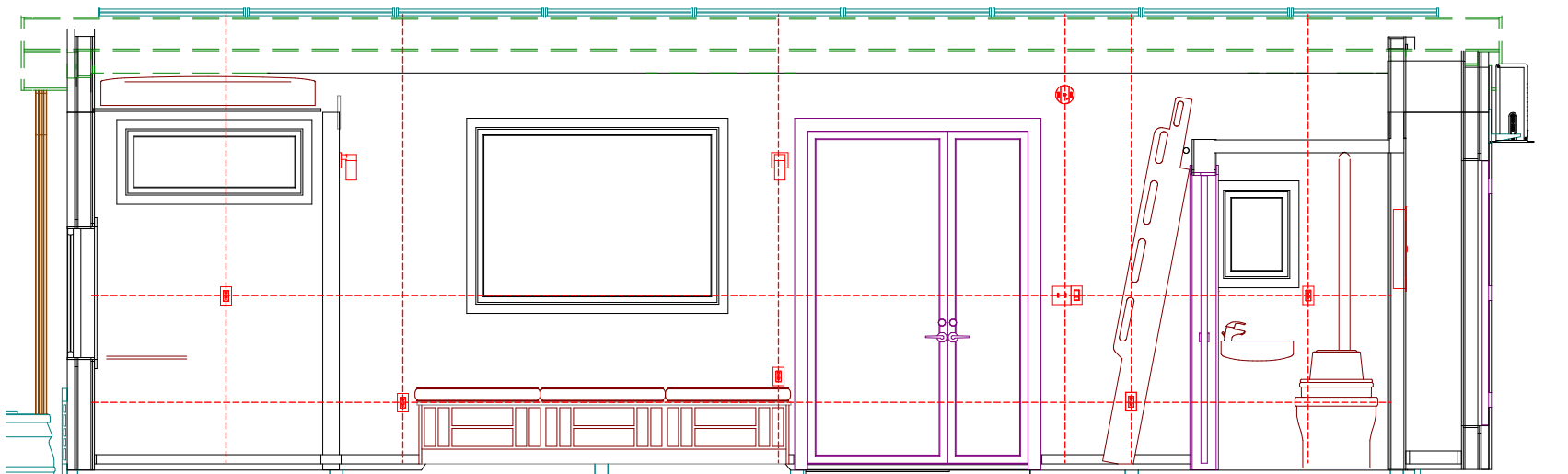
A-9



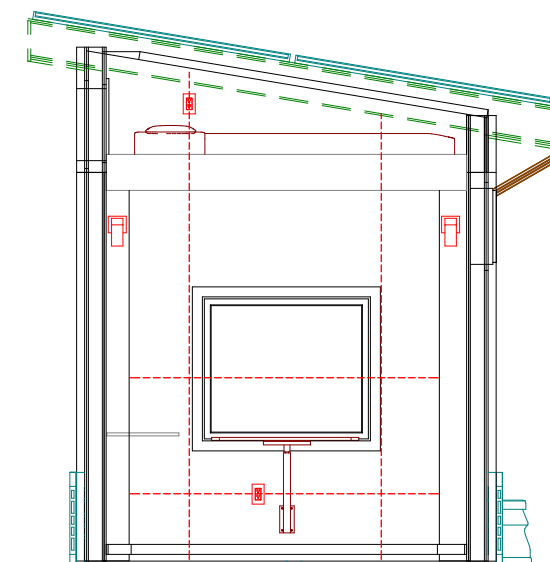
Electrical Plan
scale: 1/4 in = 1 ft



Electrical Elevation 1
scale: 1/4 in = 1 ft



Electrical Elevation 3
scale: 1/4 in = 1 ft

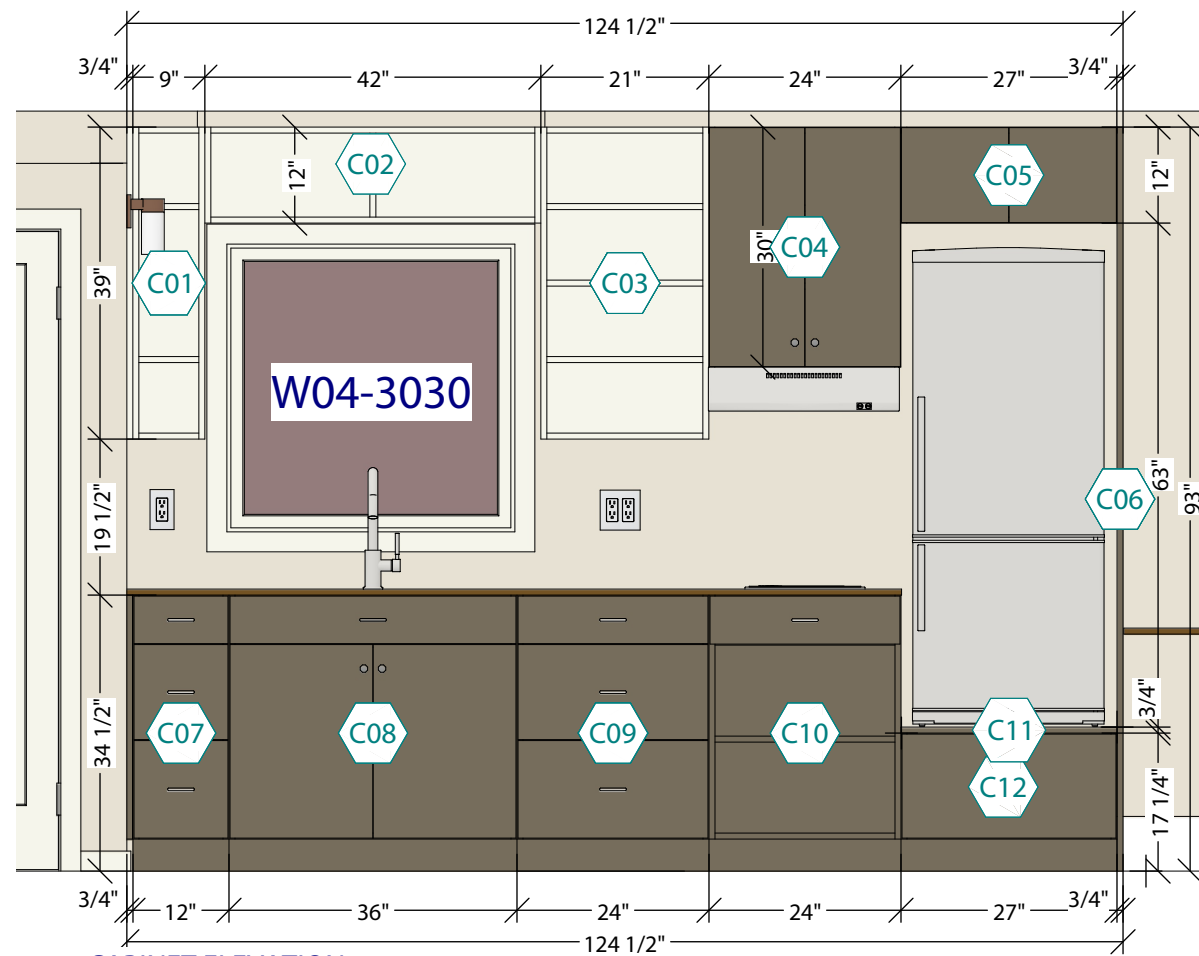


Electrical Elevation 2
scale: 1/4 in = 1 ft

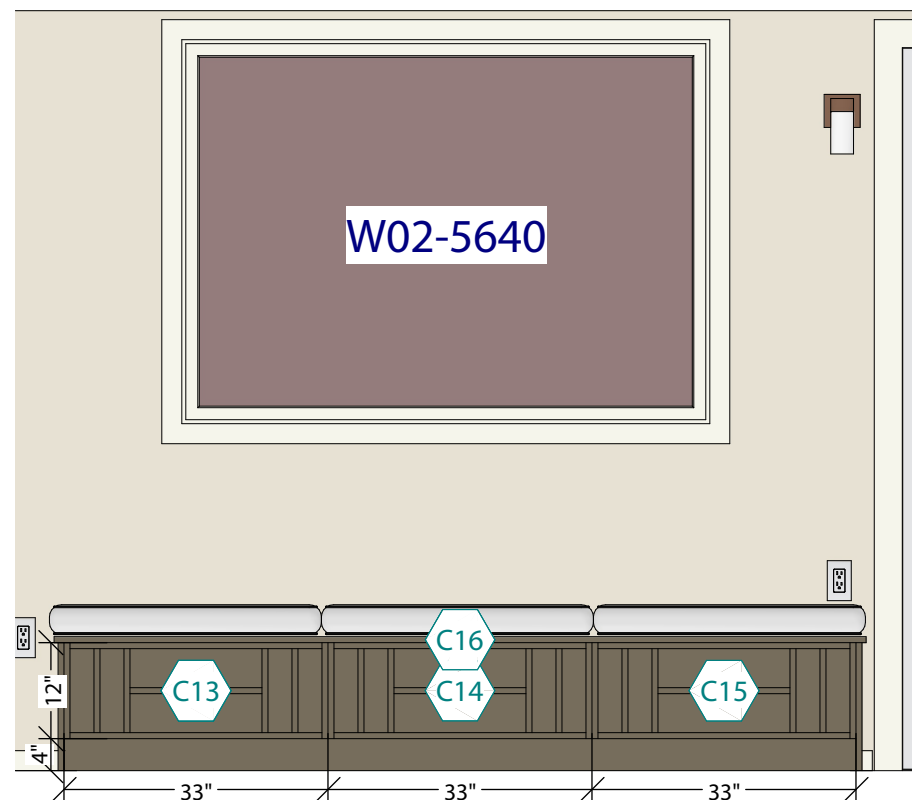
| ELECTRICAL - DATA - AUDIO LEGEND | |
|----------------------------------|---|
| SYMBOL | DESCRIPTION |
| | Ventilation Fans: Ceiling Mounted, Wall Mounted |
| | Ceiling Mounted Light Fixtures: Surface/Pendant, Recessed, Heat Lamp, Low Voltage |
| | Wall Mounted Light Fixtures: Flush Mounted, Wall Sconce |
| | 110V Receptacles: Duplex, Weather Proof, GFCI |
| | 240V Receptacle |
| | Switches: Single Pole, Weather Proof, 3-Way, 4-Way |
| | Switches: Dimmer, Timer |
| | Smoke Detectors: Ceiling Mounted, Wall Mounted |
| | Electrical Breaker Panel |

| CABINET SCHEDULE | | | | | | | | | |
|---|--------|--|-----------|-----------------|-----------|---------------|---------|--|--|
| ELEV | NUMBER | QTY | ROOM NAME | DIMENSIONS | WIDTH | NET BOX DEPTH | HEIGHT | CODE | COMMENTS |
| | C01 | 1 | MAIN | 9X12X39" | 9" | 12" | 39" | W0939 (NO DOOR) IFE-R FMI | |
| | C02 | 1 | MAIN | 42X12X12" | 42" | 12" | 12" | W4212 (NO DOOR) FMI IFE-BOT | |
| | C03 | 1 | MAIN | 21X12X39" | 21" | 12" | 39" | WBC2139 IFE-L IFE-R | |
| | C04 | 1 | MAIN | 24X12X30" | 24" | 12" | 30" | W2430DD IFE-R | |
| | C05 | 1 | MAIN | 27X24X12" | 27" | 24" | 12" | W3012X24 RW27 DOUBLE DOOR IFE-BOT | |
| | C06 | 1 | MAIN | 3/4X25X93" | 3/4" | 25" | 93" | 34FP2596 | END PANEL CUT FOR HEIGHT CUT FOR WHEEL WELL |
| | C07 | 1 | MAIN | 12X24X34 1/2" | 12" | 24" | 34 1/2" | B3D12 LTK | NET BOX DEPTH 24" DOORS NOT INCLUDED |
| | C08 | 1 | MAIN | 36X24X34 1/2" | 36" | 24" | 34 1/2" | B536 LTK | NET BOX DEPTH 24" DOORS NOT INCLUDED |
| | C09 | 1 | MAIN | 24X18X34 1/2" | 24" | 18" | 34 1/2" | VG3D24 RDV18 LTK | NET BOX DEPTH 18" DOORS NOT INCLUDED REDUCED DEPTH TO FIT WHEEL WELL |
| | C10 | 1 | MAIN | 24X18X34 1/2" | 24" | 18" | 34 1/2" | VG24 (B1DR1DWR) RDV18 NO DOORS FMI LTK IFE-R | NET BOX DEPTH 24" DOORS NOT INCLUDED REDUCED DEPTH TO FIT WHEEL WELL |
| | C11 | 1 | MAIN | 27X25X3/4" | 27" | 25" | 3/4" | 34FP25V | SHELF FOR FRIDGE CUT TO FIT |
| | C12 | 1 | MAIN | 27X18X17 1/4" | 27" | 18" | 17 1/4" | B1D27 RD18 LTK | CUSTOM BASE BELOW REFRIGERATOR |
| | C13 | 1 | MAIN | 33X12X12" | 33" | 12" | 12" | L03312 CUSTOM TOE KICK REQ'D TO FIT WHEEL WELL | BENCH SEAT |
| | C14 | 1 | MAIN | 33X12X12" | 33" | 12" | 12" | L03312 CUSTOM TOE KICK REQ'D TO FIT WHEEL WELL | BENCH SEAT |
| | C15 | 1 | MAIN | 33X12X12" | 33" | 12" | 12" | L03312 CUSTOM TOE KICK REQ'D TO FIT WHEEL WELL | BENCH SEAT |
| | C16 | 1 | MAIN | 101 1/2X18X3/4" | 101 1/2" | 18" | 3/4" | CP34 18X101 HPL PBD F2F YYYY | BENCH SEAT TOP |
| | C17 | 1 | MAIN | 89 15/16X3/4X9" | 89 15/16" | 3/4" | 9" | CP34 9X90 HPL PBD F2F YYYY | BED FRAME SKIRT |
| TOE KICK: FILLER PIECES: FINISHED ENDS: | | 3 @ TBF96 1 @ SF339 1 @ SF336 2 @ CP34 18x16 HPL PBD F2F YYYY | | | | | | | |

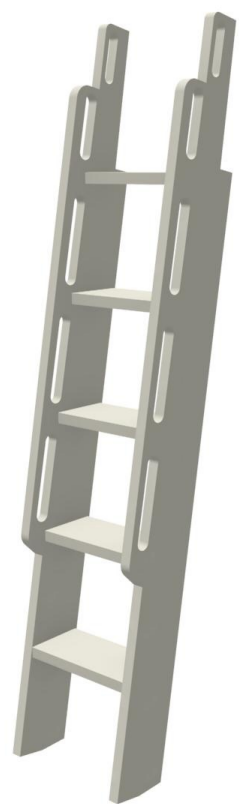
CABINET SCHEDULE



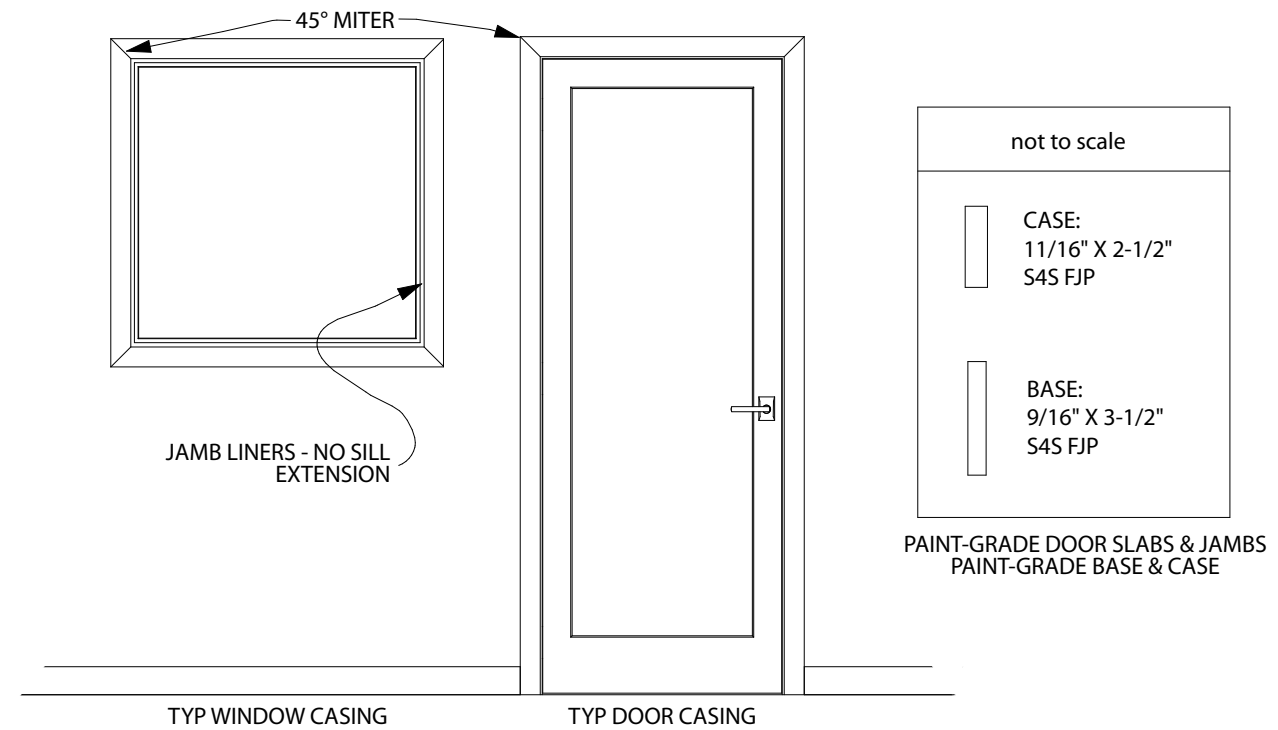
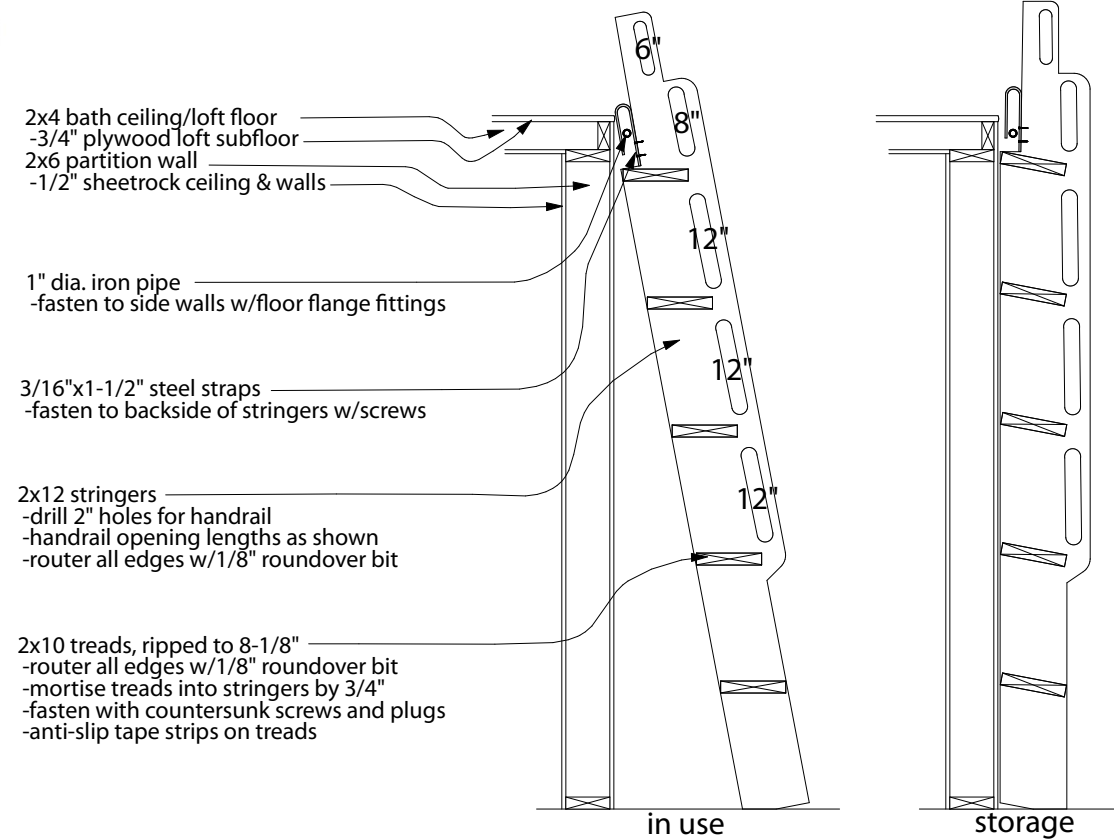
CABINET ELEVATION 1
scale: 1/2 in = 1 ft



CABINET ELEVATION 2
scale: 1/2 in = 1 ft



LADDER DETAIL
scale: 1/2 in = 1 ft



INTERIOR TRIM DETAIL
scale: 1/2 in = 1 ft



Client:
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Bellingham WA

Zero Net Energy Tiny House
Details

Prepared by:
d.kangas

Date:
10/3/2019

Scale:
as noted

Sheet: