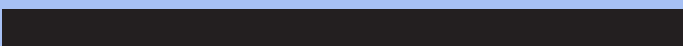


// Addendum//

001



MN-S REMOTE NORTHERN TINY HOMES RFP

Métis Nation - Saskatchewan // MN-S

March // 5 // 2025

Project No. // MNS-2025-102

Addendum #01 //

1. **Q:** *Discrepancies between construction assemblies and drawings.*
 - a. *The building section shows double wall mass timber, the assemblies note a 2x6 insulated wall with no mass timber.*
 - b. *The building section shows mass timber floor above the floor system whereas the assemblies note 2x12 @ 16" with 5/8" T&G OSB floor sheathing and 7/16" OSB sheathing below (to hold in insulation)*
 - c. *The building section shows a 2x12 @ 24" o.c. with 1x3 strapping, and 2x2 furring on that. The assemblies note the roof as 2x10 @ 16" o.c.*

A:

a., b., c. The Tiny Home drawings have been reissued as part of this Addendum to address these discrepancies.

2. **Q:** *Is the construction going to be a double wall, 2x4 mass timbers as the structural wall and then 2x6 exterior wall that is insulated.*

A: Proponents are invited to respond with pricing for the standard framing (Option 1), or the recycled nail laminated (NLT) mass timber construction (Option 2). For Option 2, the 2X6 studs are for insulation spacing and are not structural, as noted in the drawings. Further details have been added to the updated Tiny Home drawings to this effect.

3. **Q:** *What is expected for "mass timber"*

A: 2X4 recycled NLT mass timber panels are available from Timberwood Innovations www.timberwoodinnovations.com in North Battleford, Saskatchewan.

4. **Q:** *If mass timbers are required, how does the stand-off system detail work on drawing A4.2. The building section does not match what is being shown on that detail.*

A: Mass Timber is not required. Standard framing (Option 1) and mass timber (recycled NLT) (Option 2) plans were released with the RFP and have been updated to address questions with this Addendum. The Proponent can decide which building assembly they prefer to respond with.

5. **Q:** *On page A2.0 with a standard build the exterior walls shown in green are listed as 2x4 wall assembly but notes show exterior walls as 2x6 wall assembly. Can you verify which you are expecting to be used for bidding*

A: The exterior stud walls are 2X6 stud walls with R22 insulation.

6. **Q:** *Information I have is that the buildings being built by students in Buffalo Narrows are being completed indoors. Will they be outside for us to pick up or are we responsible for the move from their current locations inside the building*

A: The two Tiny Homes being built in Buffalo Narrows will be placed outside in the lot once completed and ready for pick up.

Addendum #01 // (continued)

7. **Q:** Power.

- a. *Should I assume that power will be coming in overhead since it is overhead at the road for most of these? ie. put masts on each unit for power service?*
- b. *Typically we exclude SK Power hook ups costs (ie. actual billing from SK Power) since it is hard to predetermine — how would you like this handled with the RFP? Should we just give a budget for each location?*
- c. *Do you have any additional information on the proximity of the power poles to the property? If we are trenching power lines we need to know how far we will be going.*

- A:
- a. Trenching would be the recommended option.
 - b. Yes, provide a budget for each location.
 - c. It is best assumed the power lines would be in the ditch outside the lots.

8. **Q:** Shower stalls – do you have any specs for this – or can we just spec a shower unit?

A: The proponent can specify the shower unit of their preference that fits the design.

9. **Q:** Mass Timber — I did not find a detail for this option — I have seen many different types of mass timber walls.

- a. *What do you want to see for this?*
- b. *What do you want to accomplish with it?*

A:

- a. 2X4 recycled mass timber NLT panels are available from Timberwood Innovations in North Battleford. www.timberwoodinnovations.com
- b. The goal is to determine cost effectiveness compared to standard framing options.

10. **Q:** As I am sure you already have units in these communities — do you have a preferred method of frost protection for the water/sewer lines below the units?

A: As outlined in the RFP, due to the screw pile foundation, the Proponent may suggest innovative approaches to ensuring that the water and sewer lines do not freeze.

11. **Q:** Units with water tanks — do you require fill lines or any specific detail get water into them?

A: Yes, a 3” fill inlet on the outside of the Tiny Home with a standard cap should be included to accommodate a water delivery truck.

Addendum #01 // (continued)

12. **Q:** *Database of MNS owned businesses — we do have some MNS members that we deal with regularly. For example the project manager for the build will be an MNS member — however some of the other ones that we deal with might not be involved in this project -- for example, one we use all the time does ICF foundations but not screw piles.*
- a. *Would you be willing to share your database with us so we can reach out to some of these contractors?*
 - b. *At the same time there is some reticence to use contractors that we don't know because it can negatively impact quality and timelines — like we are currently seeing in La Ronge! Do you have any specific recommendations for us?*

A:

- a. SaskMetisworks.ca has a database for Métis Contractors. We can also provide a list of contractors that have worked for our Programs side. We also recommend calling the Rural Municipal (R.M.) offices in the locations as they will best know who works in the area.
- b. We highly recommend phoning the Hamlets and Rural municipalities to find information on local contractors working in the areas. To stay fair to all contractors we cannot make any recommendations at this time.

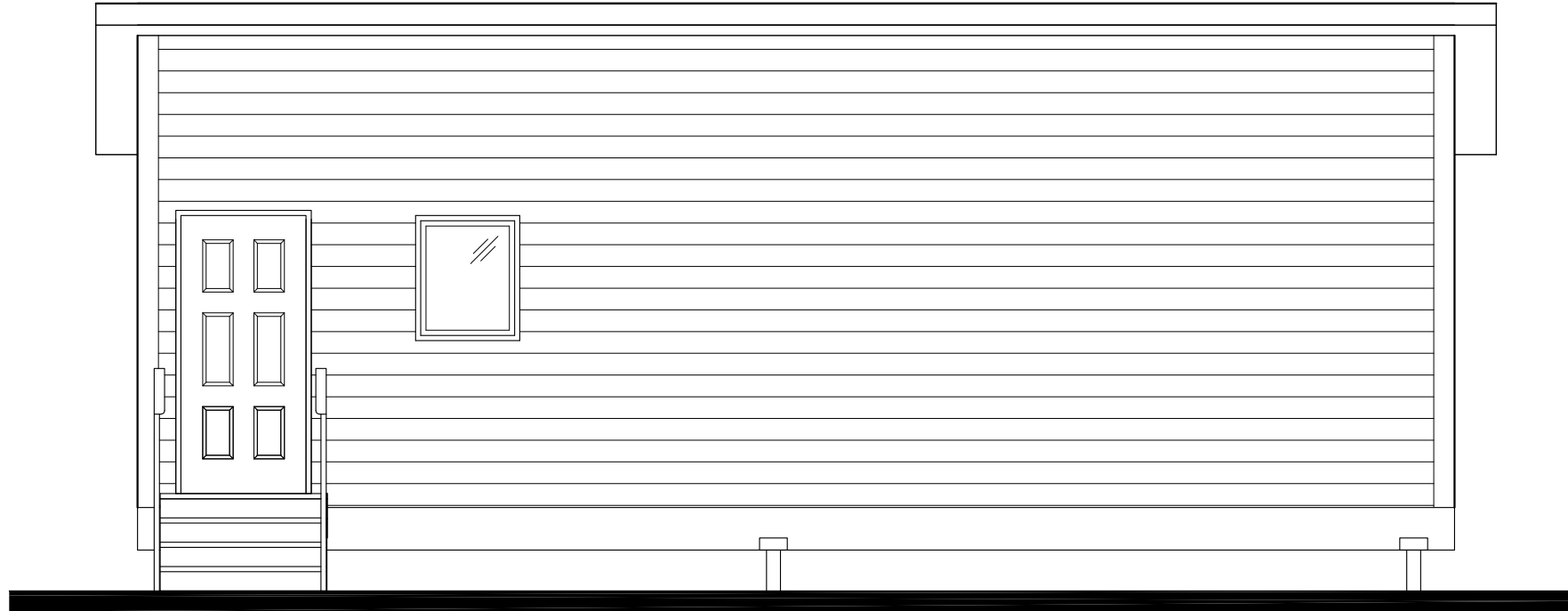
13. **Q:** *MN-S will be extending all timelines. The table below outlines the new schedule.*

A:

1.1 RFP Timetable

Issue Date of RFP	Friday, February 14, 2025
Deadline for Questions	Friday, March 7, 2025 2:00:00 PM CST
Deadline for Issuing Addenda	Wednesday, March 12, 2025 2:00:00PM CST
Submission Deadline	Friday March 21, 2025 2:00:00PM CST
Anticipated Initial Ranking and Commencement of Concurrent Negotiations	Wednesday March 26, 2025
Anticipated Execution of Agreement	Friday April 4, 2025

End Addendum 1



VERECO SMART GREEN HOMES TINY HOME CONSTRUCTION DRAWINGS SASKATCHEWAN

DRAWING LIST:

- A0 - COVER SHEET & DRAWING LIST
- A0.1 - GENERAL INFORMATION
- A0.2 - DOOR & WINDOW SCHEDULE
- A0.3 - CONCEPT RENDERINGS
- A2.0 - FLOOR PLAN
- A2.1 - FINISHES PLAN
- A2.2 - MECH / ELEC PLAN
- A2.3 - FOUNDATION / CRAWLSPACE PLAN
- A2.4 - ROOF PLAN
- A3.0 - EXTERIOR ELEVATIONS
- A3.1 - INTERIOR KITCHEN ELEVATIONS
- A3.2 - LOFT ELEVATION
- A4.0 - BUILDING SECTION
- A4.1 - DETAILS

Drawing Title:
COVER SHEET

Drawn by:
VERECO SMART GREEN HOMES
302, Salloum Crescent Saskatoon, SK S7W 1N1
www.vereco.ca
306.713-0795

Project:
**TINY HOME
STANDARD CONSTRUCTION**

Date:
MAR 04, 2025

Scale: **N.T.S.**

Client:
METIS NATION SASKATCHEWAN

Drawing Number:
A0

Revision:
**CD05 REV 1 PRICING ONLY
NOT FOR CONSTRUCTION**



GENERAL NOTES:

1. ALL CONSTRUCTION IS TO COMPLY WITH THE NATIONAL BUILDING CODE OF CANADA.
2. DOOR AND WINDOW SCHEDULE BY OWNER. SEE SUPPLIER FOR ROUGH OPENING SIZES.
3. ELECTRICAL DESIGN, HEATING AND VENTILATION DESIGN BY CONTRACTOR.
4. ELECTRICAL FIXTURE SPECIFICATIONS BY OWNER.
5. INTERIOR AND EXTERIOR FINISH CARPENTRY TO BE DECIDED BY OWNER.
6. ANY ERRORS OR OMISSIONS TO BE REPORTED TO THE OWNER.
7. USE CAUTION WHEN SCALING DRAWINGS.

ABBREVIATIONS:

2'-6"	2/6
ABOVE FINISHED FLOOR	AFF
CABINET	CAB
CENTRELINE	CL
COMPLETE WITH	C/W
CONTINUOUS	CONT
DOMESTIC WATER HEATER	DWH
ELECTRICAL PANEL	ELEC
EQUAL	EQ
ENGINEERED	ENG
FIRE RESISTANCE RATING	FRR
FLOOR DRAIN	FD
FOUNDATION	FNDN
INSIDE	I/S
INSULATION	INSUL
NATIONAL BUILDING CODE OF CANADA	NBCC
NOT TO SCALE	NTS
ON CENTRE	O.C.
ORIENTED STRAND BOARD	OSB
OVERHEAD	O/H
REFRIGERATOR	REF
REINFORCEMENT	REINF
RISER	R
TONGUE & GROOVE	T&G
TOP OF	T.O.
TYPICAL	TYP
WASHER DRYER	W/D

BUILDING CODE ANALYSIS:

THIS BUILDING IS DESIGNED UNDER PART 9 OF THE NATIONAL BUILDING CODE OF CANADA (NBCC).

SUMMARY OF WORK: NEW CONSTRUCTION

OCCUPANCY USE: RESIDENTIAL, GROUP C,
ONE STOREY

BUILDING AREA: 366 ft² (34.0 m²)

CONSTRUCTION TYPE: COMBUSTIBLE / NON-COMBUSTIBLE (NBCC 9.10.14.5.)

LIABILITY NOTES:

Contractor shall check and verify all specifications and dimensions. Report discrepancies to owner and or contractor. Elevations of actual finish grade may vary due to site conditions. After construction begins:

Errors, omissions, or any deviation from plans or specs. , becomes the responsibility of the contractor. Construction procedures and or quality of materials is the responsibility of the contractor to enforce. Contractor shall accept full responsibility of these plans.

The below building plans relate only to building drawings or plans based on the instructions of the customer. Such drawings or plans are in accordance with the "canadian national building code", and are not to be regarded as engineered drawings or plans. It is the responsibility of the customer to obtain appropriate structural, mechanical, electrical, and geotechnical engineering services as required, and engage a contractor to use proper materials and building practices in the construction of the proposed building.

Owner and or contractor, is responsible for the building project, and for managing safety on the site. Record drawings are based, in large part, on information supplied by OWNERS and others.

This Firm's Liability To The Client Or Third Parties, Either In Contract Or In Tort, And Including Negligence, Shall Be Absolutely Limited To The Value Of Fees Paid To This Firm For This Project.

1. Unless Geotechnical Tests indicate a soil type with corresponding Bearing and Friction values, Soil for this project is considered to be at least CLAY "Semi Tough" at the footing level or throughout the pile effective length with an allowable Soil bearing value of 2,000 psf and S.F. of 600 psf.
2. Frost Depth is considered as 8'-0" for all piles.
3. All footings must sit on undisturbed soil. If excavation is dug too deep, increase footing depth to compensate.

CONSTRUCTION ASSEMBLIES

<p>ROOF ASSEMBLY:</p> <ul style="list-style-type: none"> - SHINGLES - ICE AND WATER SHIELD - 5/8" OSB SHEATHING OR 1/2" MILL CERTIFIED PLYWOOD - 2x2 STRAPPING ADJACENT TO ROOF JOISTS @ 24" o.c. - 1x3 STRAPPING PERPENDICULAR TO ROOF - 2x10 SPF 1 OR 2 RAFTER SPACED @ 24" O.C. WITH R35 BATT INSULATION - 6 mil POLY AIR-VAPOUR BARRIER OR PRO CLIMA INTELLO, CERTAINTEED MEMBRANE* - 1/2" GYPSUM BOARD 	<p>EXTERIOR WALL ASSEMBLY:</p> <ul style="list-style-type: none"> - VINYL SIDING (UPGRADE AVAILABLE) - 1/2 " EPS INSULATION - VAPOUR PERMEABLE WEATHER BARRIER - 3/8" OSB SHEATHING - 2x6 SPF WOOD STUDS @ 16" O.C. - R22 (6") BATT INSULATION - 6 mil POLY AIR-VAPOUR BARRIER OR PRO CLIMA INTELLO, CERTAINTEED MEMBRANE* - 1/2" GYPSUM BOARD 	
<p>FLOOR ASSEMBLY:</p> <ul style="list-style-type: none"> - 5/8" T&G OSB - 6 mil POLY AIR-VAPOUR BARRIER - 2x12 SPF 1 OR 2 JOISTS @ 16" O.C. - R40 BATT INSULATION 7/16" BELLY BOARD OSB SHEATHING (WEATHER / RODENT PROOFED) 	<p>2x4 INTERIOR PARTITION ASSEMBLY:</p> <ul style="list-style-type: none"> - 1/2" GYPSUM BOARD - 2x4 SPF WOOD STUDS @ 16" O.C. - 1/2" GYPSUM BOARD (GYPSUM WALL BOARD TO BE FINISHED WITH A LOW VOC PAINT) 	<p>SHOWER/BATH WALL ASSEMBLIES:</p> <ul style="list-style-type: none"> - ENSURE WATERPROOF FINISH AT SHOWERS.
<p>2x6 INTERIOR PARTITION ASSEMBLY:</p> <ul style="list-style-type: none"> - 1/2" GYPSUM BOARD - 2x6 SPF WOOD STUDS @ 24" O.C. - 1/2" GYPSUM BOARD (GYPSUM WALL BOARD TO BE FINISHED WITH A LOW VOC PAINT) 		

* IF USING CERTAINTEED MEMBRANE ON ROOF OR WALLS ASSEMBLIES, AN ENGINEER OR ARCHITECT WILL SIGN OFF ON THE PRODUCT USE

Drawing Title:

GENERAL INFORMATION

Drawn by:

VERECO SMART GREEN HOMES
302, Salloum Crescent Saskatoon, SK S7W 1N1
www.vereco.ca
306.713-0795

Project:

**TINY HOME
STANDARD CONSTRUCTION**

Date:

MAR 04, 2025

Scale:

N.T.S.

Client:

METIS NATION SASKATCHEWAN

Drawing Number:

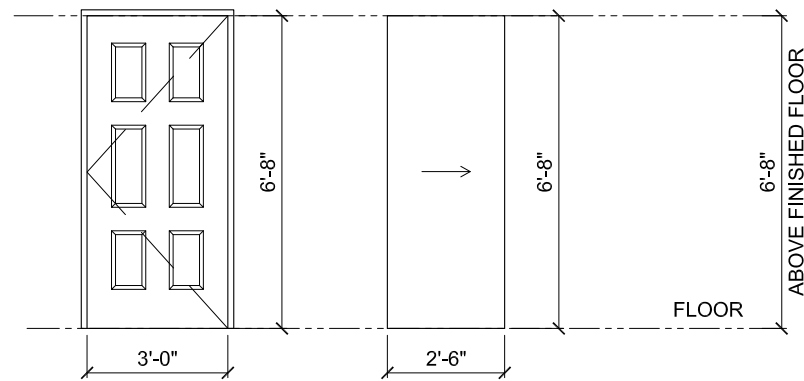
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Revision:

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DOOR & WINDOW SCHEDULE

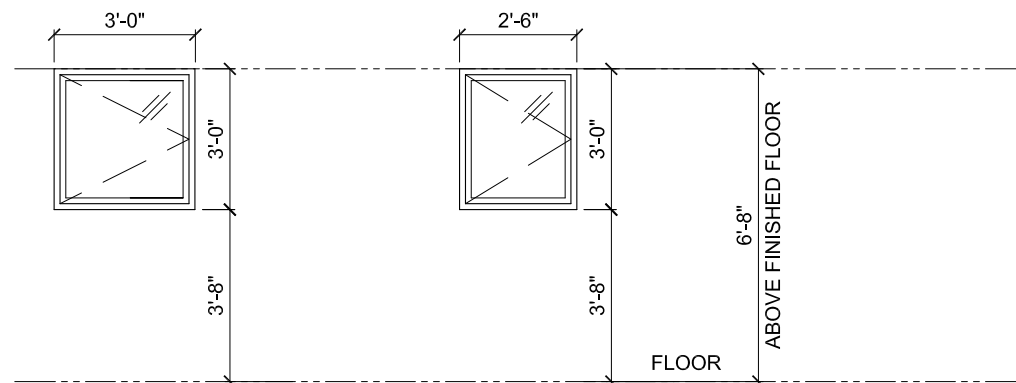


**EXTERIOR
DOOR TYPE 1 (x1)**

MAIN ENTRANCE
- SWING
- LOW THRESHOLD

**INTERIOR
DOOR TYPE 2 (x3)**

WASHROOM
BEDROOM
UTILITY ROOM
- POCKET DOOR
- HOLLOW CORE



WINDOW 1 (x2)

LIVING ROOM/DINING ROOM,
BEDROOM
- CASEMENT
OPERABLE

(SEE DETAIL DRAWING A4.1)

WINDOW 2 (x1)

KITCHEN
- CASEMENT
OPERABLE

(SEE DETAIL DRAWING A4.1)

GENERAL NOTES:

- ALL WINDOWS ARE ALL WEATHER WINDOWS U.N.O.
- WINDOWS AND DOORS SHOWN ARE THE ACTUAL SIZES UNLESS NOTED OTHERWISE. THE ROUGH FRAMED OPENING SHOULD BE AN 1" TO 2" GREATER IN WIDTH AND HEIGHT FOR DOORS AND WINDOWS.

WINDOW AND DOOR SPECIFICATION:

- COLOR WHITE INTERIOR AND WHITE EXTERIOR FRAME.
 - NFR: Energy Star U=1.14
SHGC=0.49
ER=43
NRCan=NR5695-34612577-ES5
 - NAFS: CW-PG70
PDP=3360Pa(70psf)
NDP=-3360Pa(-70psf)
WPRTP=730Pa(15psf) CAI=FX

DOORS:

- POLYURETHANE INSULATION WITH R8 OR BETTER (MINIMUM OF R6).
- DOUBLE PANEL SHAKER STYLE (TYPICAL).
- SOLID CORE WHERE SOUNDPROOFED. HOLLOW CORE EVERYWHERE ELSE.
- INTERIOR DOORS WILL BE PAINTED SEMIGLOSS WHITE.

WINDOWS:

- ALL OPENING WINDOWS TO HAVE BUG SCREENS.
- ALL WINDOWS MUST BE OPERABLE TO ALLOW FOR CROSS VENTILATION
- CONFIRM ROUGH OPENING ON SITE PRIOR TO FABRICATION.
- PROVIDE PREFINISHED METAL FLASHING OVER ALL EXTERIOR WINDOWS AND DOORS.
- BEDROOM WINDOWS TO MEET NBC EGRESS REQUIREMENTS. UNOBSTRUCTED OPENING TO BE A MINIMUM OF 3.77 ft² (0.35 m²) WITH NO DIMENSIONS LESS THAN 15" (380mm).
- ALL WINDOW SILLS WILL HAVE AN MDF SILL INSTEAD OF JUST DRYWALL RETURNS.

Drawing Title:

DOOR & WINDOW SCHEDULE

Drawn by:

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www.vereco.ca
306.713-0795

Project:

**TINY HOME
STANDARD CONSTRUCTION**

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Scale:

N.T.S.

Client:

METIS NATION SASKATCHEWAN

Drawing Number:

A0.2

Revision:

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**EXTERIOR CONCEPT RENDERING
(MAY VARY FROM OTHER DRAWINGS)**

Drawing Title:

CONCEPT RENDERINGS

Drawn by:

VERECO SMART GREEN HOMES

302, Salloum Crescent Saskatoon, SK S7W 1N1
www.vereco.ca
306.713-0795

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**TINY HOME
STANDARD CONSTRUCTION**

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METIS NATION SASKATCHEWAN

Drawing Number:

A0.3

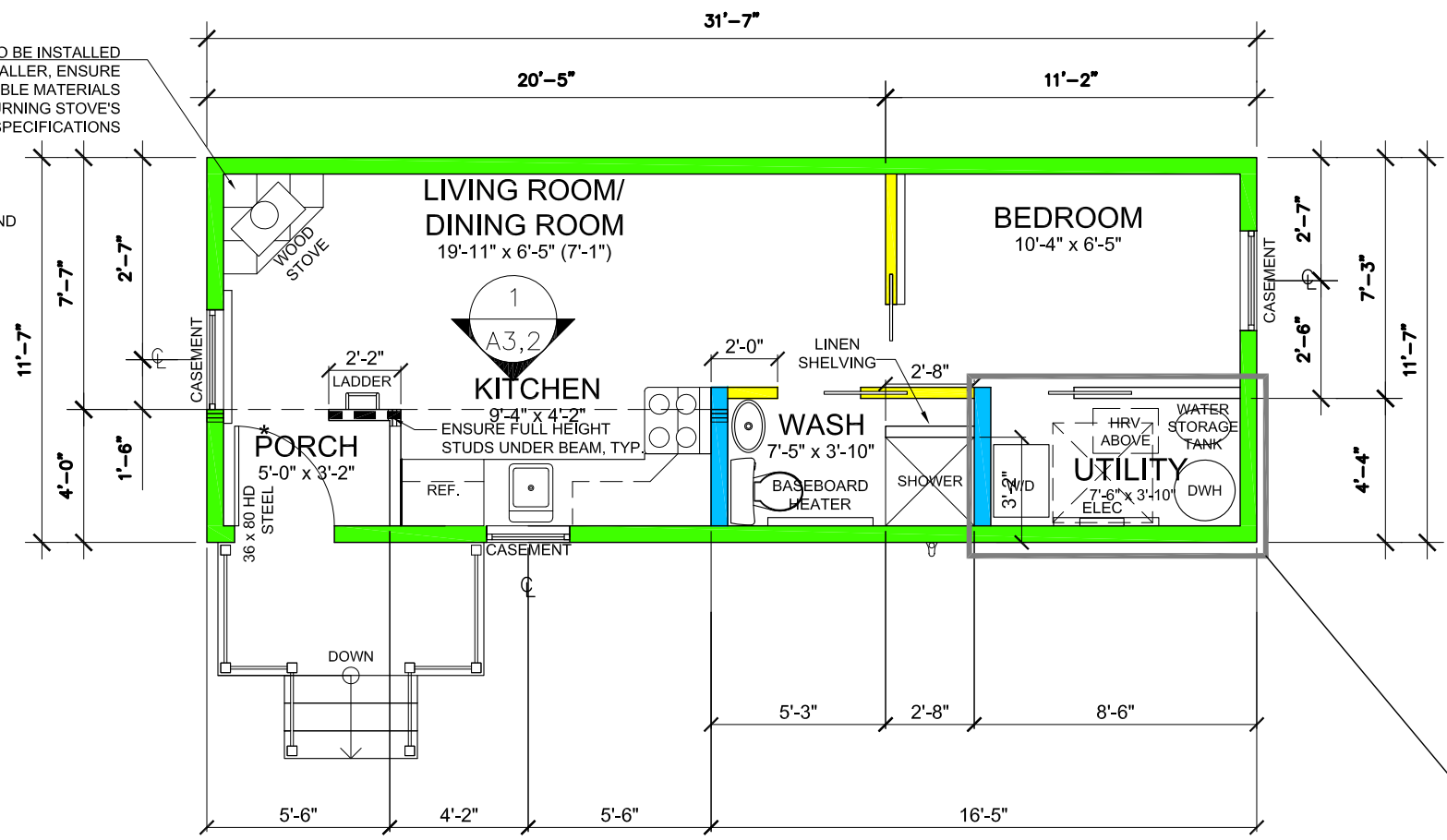
Revision:

**CD05 REV 1 PRICING ONLY
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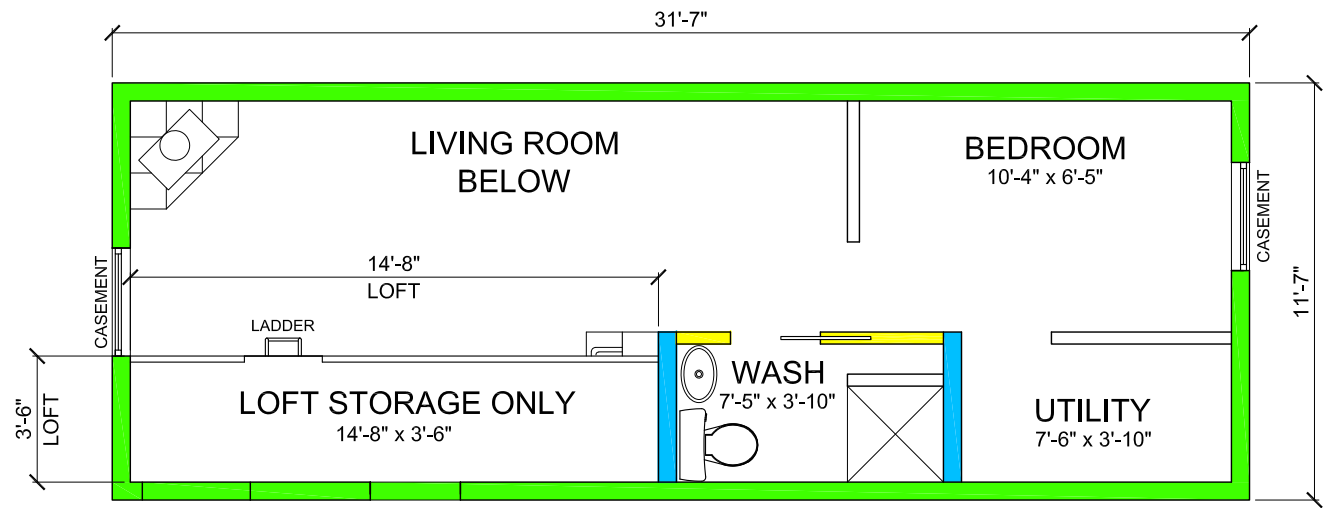
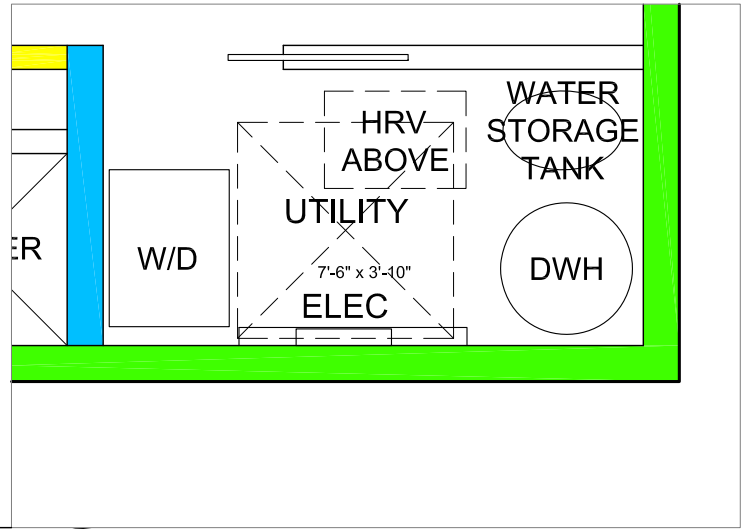


WOOD BURNING STOVE TO BE INSTALLED BY A WETT CERTIFIED INSTALLER. ENSURE SETBACKS TO COMBUSTIBLE MATERIALS ARE MET AS PER WOOD BURNING STOVE'S SPECIFICATIONS

NOTE: MINIMUM CLEARANCE REQUIREMENTS AND WALL/ FLOORING AND VENTING WILL BE DICTATED/ DIRECTED BY STOVE MANUFACTURER. IT IS THE BUILDERS RESPONSIBILITY TO CONFIRM WETT CERTIFICATION AND INSTALLATION/ OPERATING REQUIREMENTS.



INTERIOR FOOTPRINT = 324 ft²
EXTERIOR WALL FOOTPRINT = 366 ft²



WALL LEGEND	
	2x6 EXTERIOR STUD WALL
	2x4 INTERIOR PARTITION
	LOAD-BEARING STUDS
	2x6 WALL

Drawing Title:
FLOOR PLAN

Drawn by:
VERECO SMART GREEN HOMES
302, Salloum Crescent Saskatoon, SK S7W 1N1
www.vereco.ca
306.713-0795

Project:
**TINY HOME
STANDARD CONSTRUCTION**

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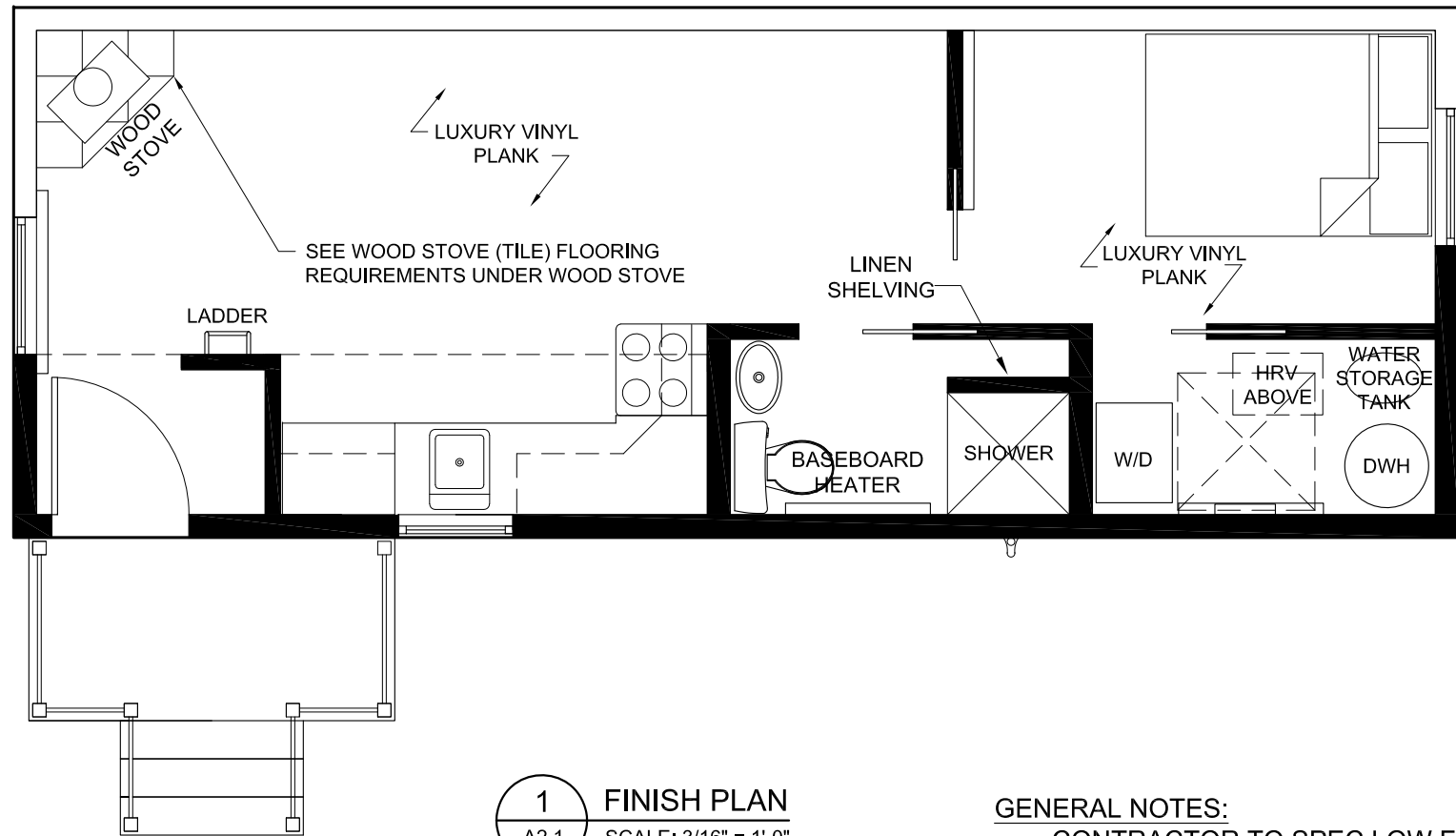
Scale: 3/16" = 1'-0"

Client:
METIS NATION SASKATCHEWAN

Drawing Number:
A2.0

Revision:
**CD05 REV 1 PRICING ONLY
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1 FINISH PLAN
A2.1 SCALE: 3/16" = 1'-0"

GENERAL NOTES:

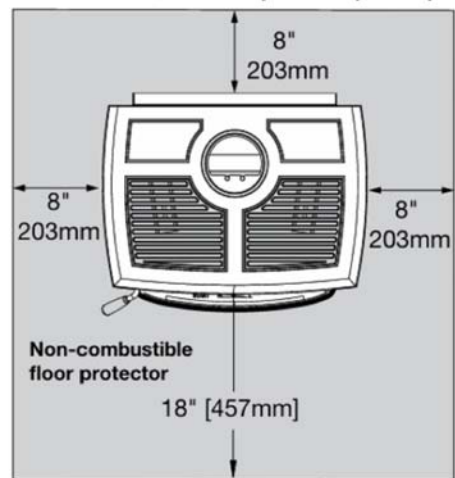
- CONTRACTOR TO SPEC LOW FLOW FIXTURES

SPECIFICATIONS

ITEM	PRODUCT	SPECIFICATIONS	NOTES
APPLIANCES			
STACKABLE WASHER/ DRYER	SUPPLIER: GE APPLIANCES MODEL: GUD57EEMTDG	CAPACITY: 5.9 FT ³ FUEL TYPE: ELECTRIC WEIGHT: 111KG DIMENSIONS: 26.5IN X 30.8IN X 75.8IN	EQUIVALENT SPECIFICATION TO BE APPROVED BY OWNER
REFRIGERATOR	SUPPLIER: DANBY MODEL: DFF101B1BSLDB	CAPACITY: 10.1 FT ³ FUEL TYPE: ELECTRIC WEIGHT: 59KG DIMENSIONS: 23.4IN X 26.1IN X 59.5IN	EQUIVALENT SPECIFICATION TO BE APPROVED BY OWNER
OVEN	SUPPLIER: DANBY MODEL: DERM240BSSC	CAPACITY: 2.5 FT ³ FUEL TYPE: ELECTRIC WEIGHT: 51.04KG DIMENSIONS: 23.4IN X 25.8IN X 41.5IN	EQUIVALENT SPECIFICATION TO BE APPROVED BY OWNER

CANADA Only

Minimum Width - 44"(1.120m)
Minimum Overall Depth - 45"(1.145m)



In Canada: 18" (457 mm) on the firing side and 8" (203 mm) to the other sides.

WOOD STOVE REQUIREMENTS

Drawing Title:

FINISHES PLAN

Drawn by:
VERECO SMART GREEN HOMES
302, Salloum Crescent Saskatoon, SK S7W 1N1
www.vereco.ca
306.713-0795

Project:
**TINY HOME
STANDARD CONSTRUCTION**

Date:
MAR 04, 2025

Scale: 1/14" = 1'-0"

Client:
METIS NATION SASKATCHEWAN

Drawing Number:
A2.1

Revision:
**CD05 REV 1 PRICING ONLY
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VERECO SOLAR READY NOTES:

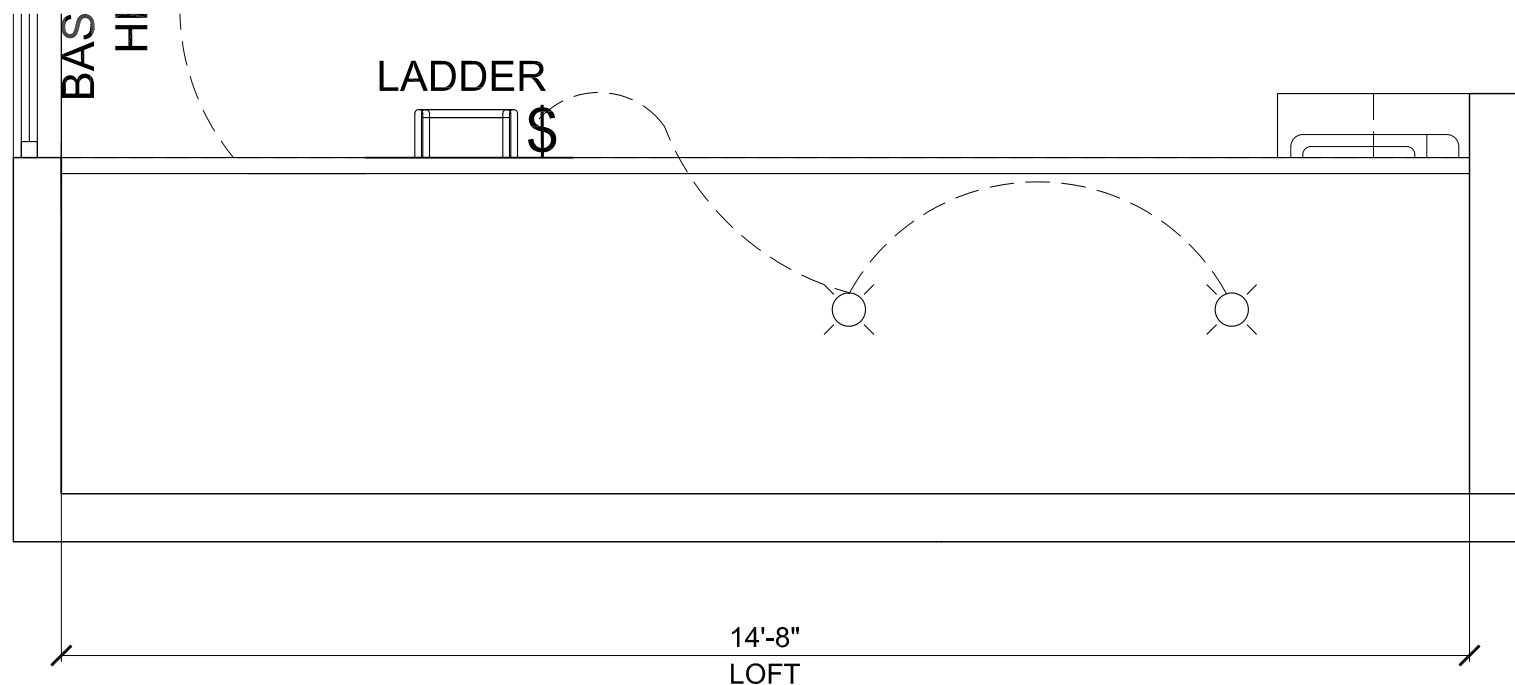
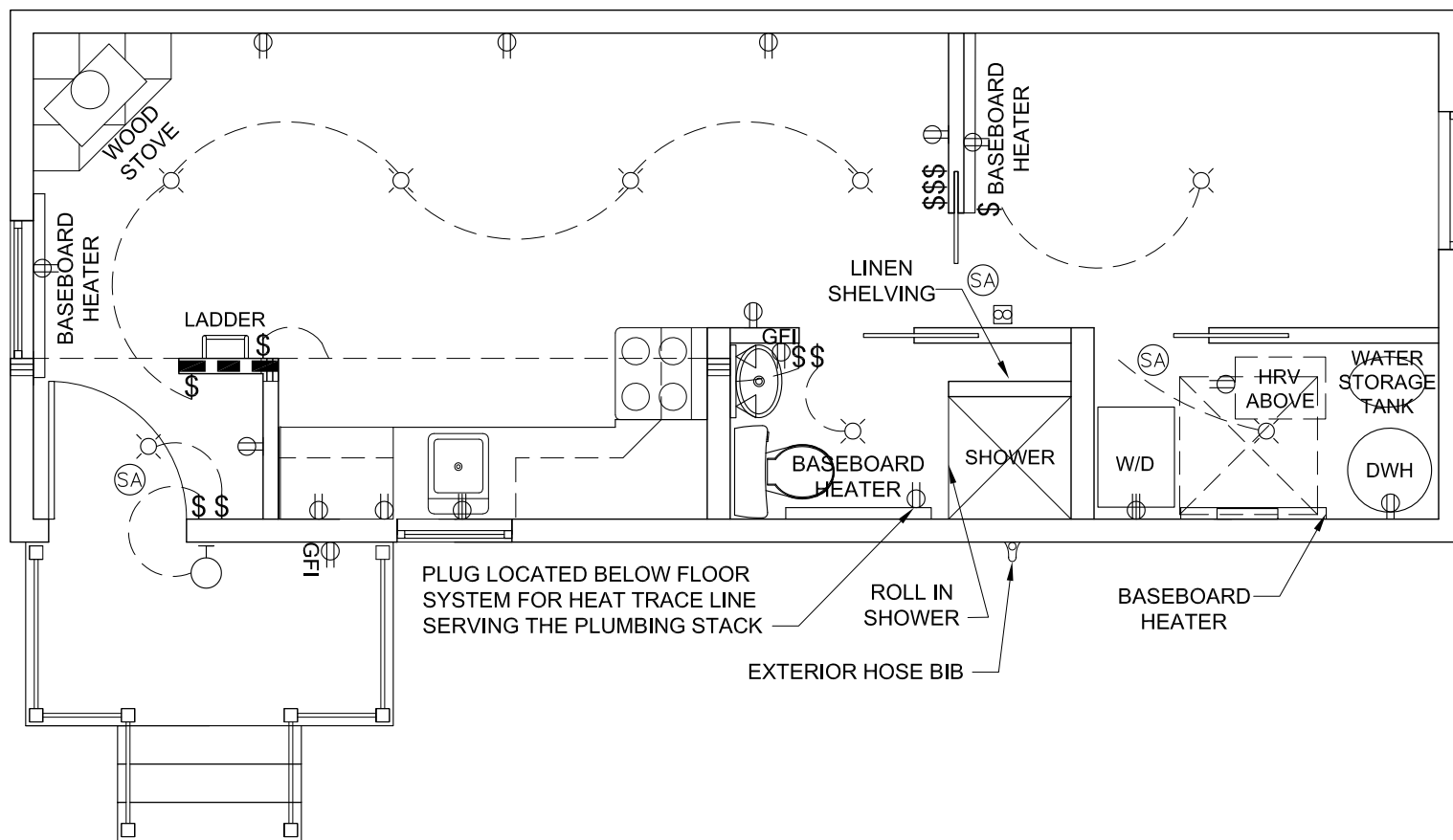
1. PROVIDE 2" PVC VERTICAL CONDUIT FROM ATTIC (ABOVE INSULATION) TO UTILITY ROOM.
2. PROVIDE 2" FLEXIBLE PVC FROM METERING POINT TO EQUIPMENT.

NOTE:

1. SMOKE AND CARBON MONOXIDE ALARM (DUAL) REQUIRED IN LIVING AREA. PLACE AT HIGHEST POINT IN CEILING. BE SURE TO CHECK SPECIFICATIONS TO ENSURE IT IS FAR ENOUGH AWAY FROM THE WALL.

LEGEND:

LIGHT FIXTURE	
WALL LIGHT	
POT LIGHT	
SMOKE ALARM (WIRED)	
SINGLE SWITCH	
3 WAY SWITCH	
4 WAY SWITCH	
DIMMER SWITCH	
110 DUPLEX RECEPTACLE	
SURFACE MOUNTED DUPLEX RECEPTACLE	
220 RECEPTACLE	
GROUND FAULT INTERRUPTER	
FORCED AIR (SUPPLY)	
RETURN AIR GRILLE	
THERMOSTAT	



SPECIFICATIONS

ITEM	PRODUCT	SPECIFICATIONS	NOTES
MECHANICAL			
HRV	SUPPLIER: ACURASEE MECHANICAL MODEL: MINI	CAPACITY: 45 M3/H VOLTAGE: 12/120 V POWER: 4 W ORIFICE DIAMETER: 3" WEIGHT: 5 KG DIMENSIONS: 15.7 in x ~11.8 in x ~6.3 in	EQUIVALENT SPECIFICATION TO BE APPROVED BY OWNER
HOT WATER HEATER	SUPPLIER: RHEEM COMMERCIAL POINT OF USE MODEL: 594354	ELECTRIC TANK WATER HEATER WATTAGE: 3000 VOLTAGE: 240 V CAPACITY: 30 GALLON	EQUIVALENT SPECIFICATION TO BE APPROVED BY OWNER
WATER STORAGE TANK WST	SUPPLIER: QMP PRODUCTS MODEL: 60068-2	MATERIAL: FOOD GRADE POLYETHYLENE BPA FREE CAPACITY: 102 US GALLONS	EQUIVALENT SPECIFICATION TO BE APPROVED BY OWNER
WOOD STOVE 900 Sq.Ft. CAST IRON LOG WOOD STOVE	SUPPLIER: US STOVE COMPANY MODEL: # US1269E HOME DEPOT STORE SKU # 1001808605	MATERIAL: CAST IRON FUEL: WOOD HEAT OUTPUT: 54,000 BTU/HR WEIGHT: 134 LBS DIMENSIONS: 33 in x 18.5 in x 23 in	EQUIVALENT SPECIFICATION TO BE APPROVED BY OWNER. NOTE THAT PREFERRED OPTION IS TO BE CSA APPROVED FOR HEATING CAPACITY BASED ON PROVIDED ENERGY REPORT
ELECTRICAL			
LIVING ROOM AND BEDROOM BASEBOARD HEATER	SUPPLIER: STELPRO MODEL: B1002W	ELECTRIC BASEBOARD HEATER VOLTAGE: 240 WATTAGE: 1000W	EQUIVALENT SPECIFICATION TO BE APPROVED BY OWNER
WASHROOM AND UTILITY ROOM BASEBOARD HEATER	SUPPLIER: STELPRO MODEL: B0752W	ELECTRIC BASEBOARD HEATER VOLTAGE: 240 WATTAGE: 750W	EQUIVALENT SPECIFICATION TO BE APPROVED BY OWNER

NOTE:

MECHANICAL AND ELECTRICAL EQUIPMENT SIZING IS THE RESPONSIBILITY OF THE CONTRACTOR. I.E. HRV, BASEBOARD HEATER SIZING, WATER HEATER SIZING, AND ELECTRICAL SERVICE SIZING ALL TO BE CONFIRMED FOR PERMIT BY THE MECHANICAL AND ELECTRICAL SUBCONTRACTORS.

Drawing Title:

MECHANICAL / ELECTRICAL PLAN

Drawn by:

VERECO SMART GREEN HOMES
302, Salloum Crescent Saskatoon, SK S7W 1N1
www.vereco.ca
306.713-0795

Project:

**TINY HOME
STANDARD CONSTRUCTION**

Date:

MAR 04, 2025

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

Client:

METIS NATION SASKATCHEWAN

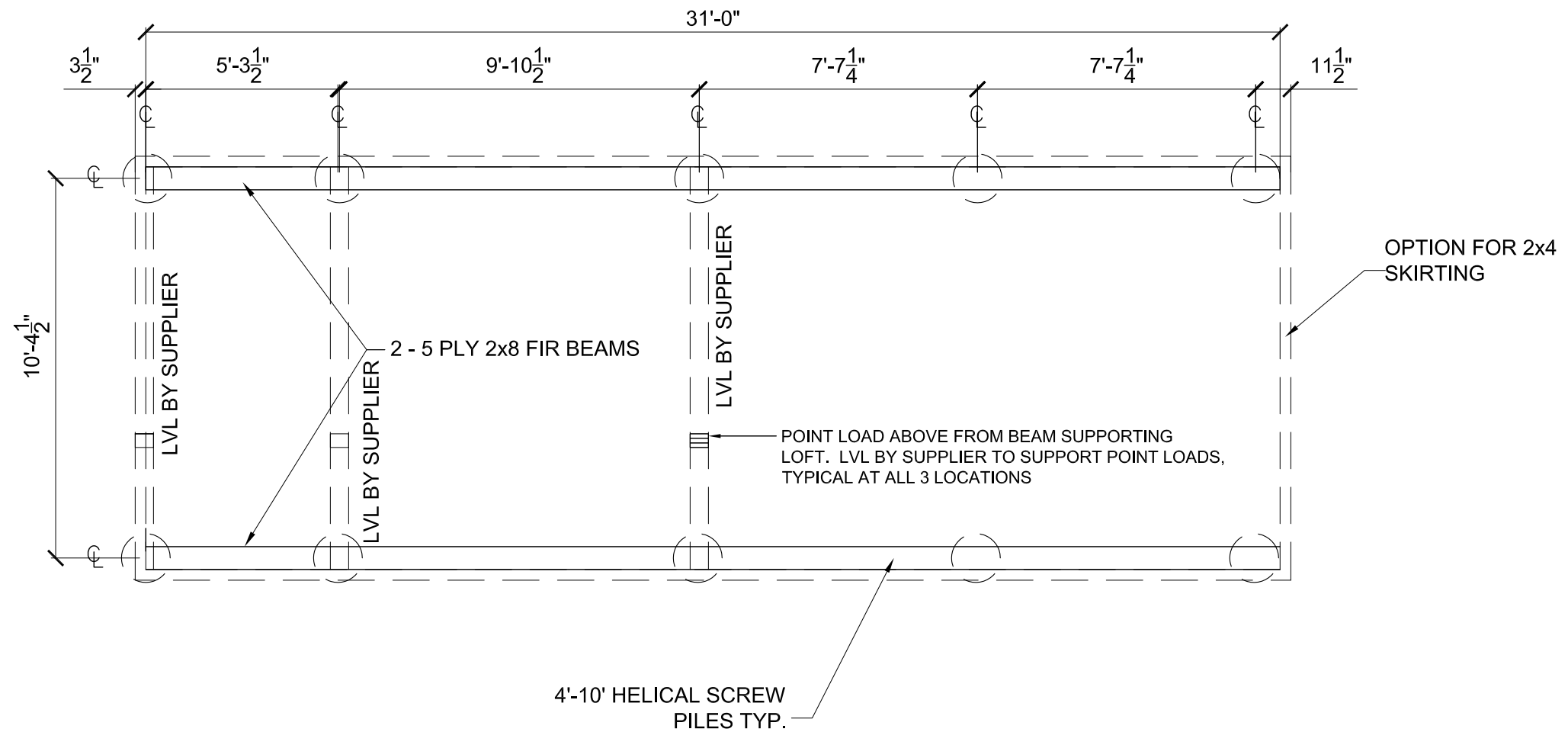
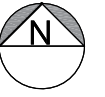
Drawing Number:

A2.2

Revision:

**CD05 REV 1 PRICING ONLY
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GENERAL NOTES:

- PILE LOADING FACTOR = 75kN (TO BE DESIGNED BY AN ENGINEER OR ARCHITECT, STAMP REQ'D)
- SCREW PILE VENDOR TO SUPPLY SCREW PILE DESIGN AND COMMITMENT LETTER

Drawing Title:

FOUNDATION / CRAWLSPACE PLAN

Drawn by:
VERECO SMART GREEN HOMES
302, Salloum Crescent Saskatoon, SK S7W 1N1
www.vereco.ca
306.713-0795

Project:
**TINY HOME
STANDARD CONSTRUCTION**

Date:
MAR 04, 2025

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

Client:
METIS NATION SASKATCHEWAN

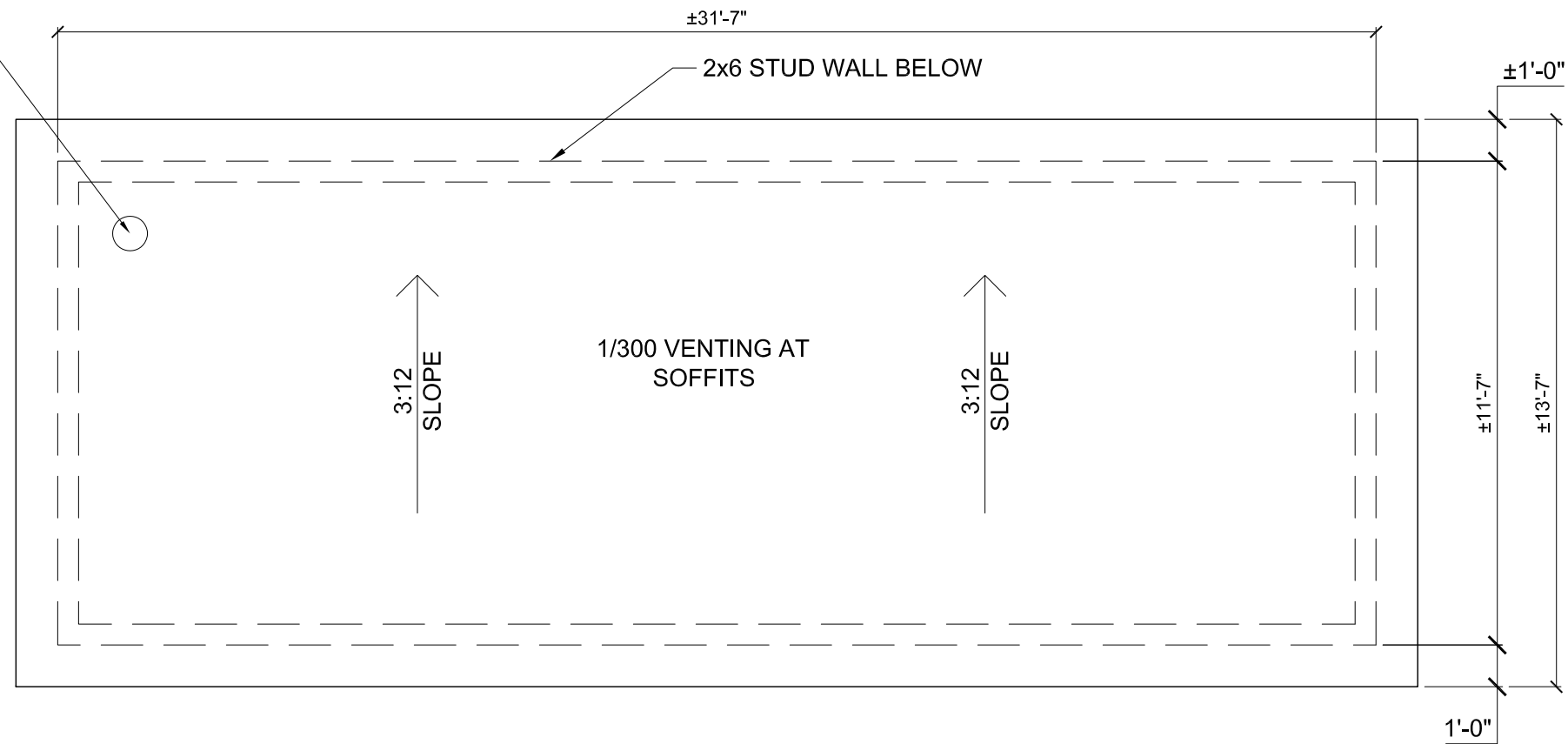
Drawing Number:
A2.3

Revision:
**CD05 REV 1 PRICING ONLY
NOT FOR CONSTRUCTION**





WOOD BURNING STOVE TO BE INSTALLED BY A WETT CERTIFIED INSTALLER, ENSURE SETBACKS TO COMBUSTIBLE MATERIALS ARE MET AS PER WOOD BURNING STOVE'S SPECIFICATIONS. CHIMNEY AND ALL FRAMING/SURROUNDING ASSEMBLIES TO MEET WOOD BURNING STOVE'S SPECIFICATIONS.



Drawing Title:

ROOF PLAN

Drawn by:

VERECO SMART GREEN HOMES

302, Salloum Crescent Saskatoon, SK S7W 1N1
www.vereco.ca
306.713-0795

Project:

**TINY HOME
STANDARD CONSTRUCTION**

Date:

MAR 04, 2025

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

Client:

METIS NATION SASKATCHEWAN

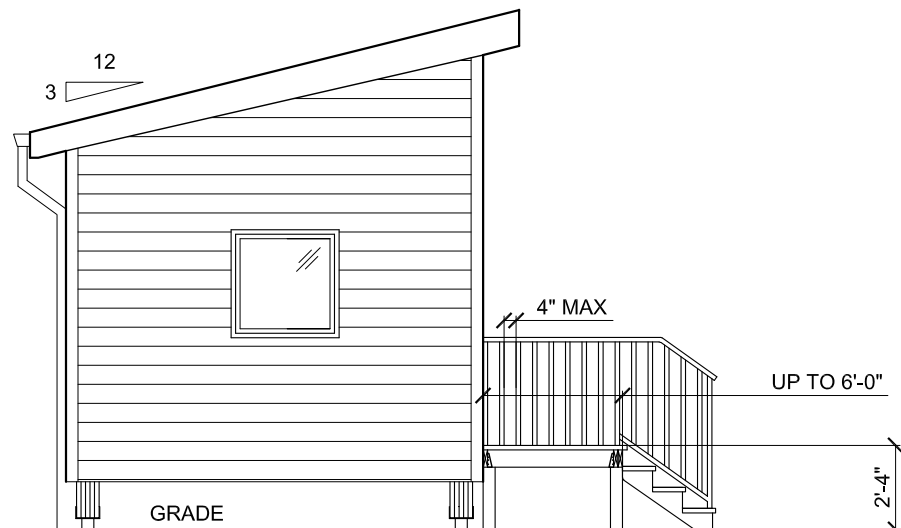
Drawing Number:

A2.4

Revision:

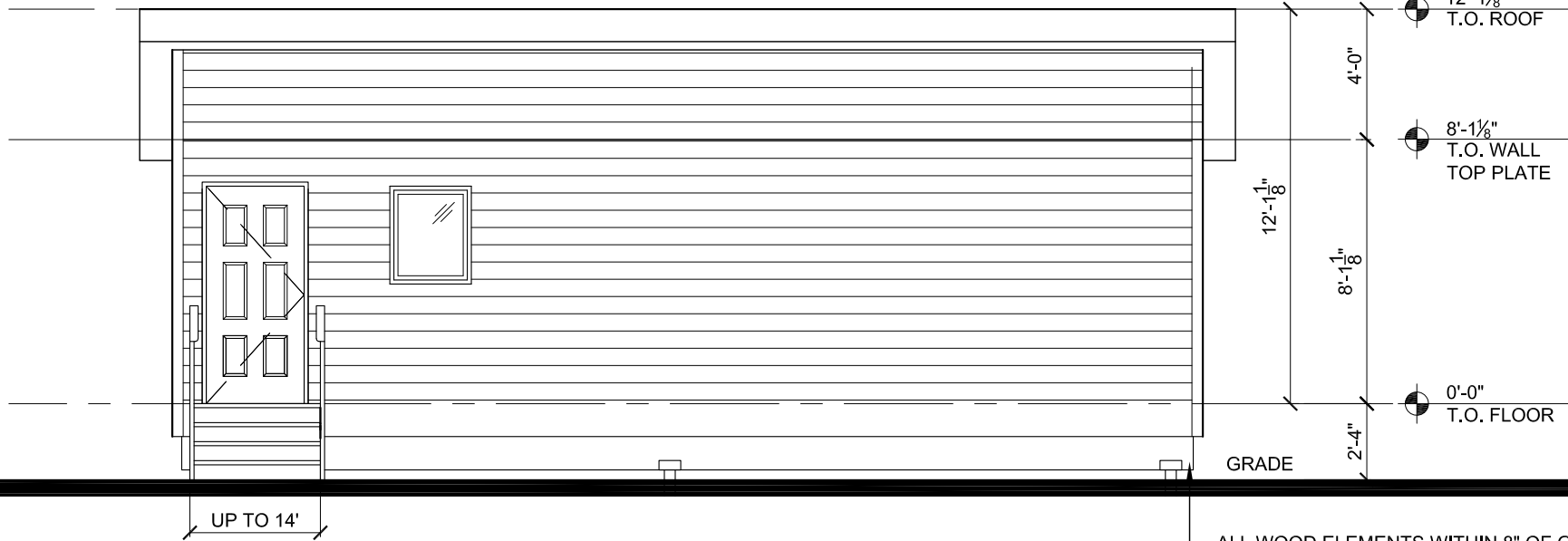
**CD05 REV 1 PRICING ONLY
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LANDING CONSTRUCTION
 - 2x6 DECKING (PERPENDICULAR TO JOISTS)
 - 2x6 JOISTS @ 16" o.c. (TO BE RESTING ON BEAM OR HANGERS REQUIRED AT LEDGER BOARD AND BEAM. MIN 1 1/2" BEARING REQ'D)
 - 2 PLY 2x6 BEAM (SPLICING DIRECTLY OVER POSTS)
 - 4x4 POSTS (DIRECTLY UNDER BEAM) ON DECK BLOCKS

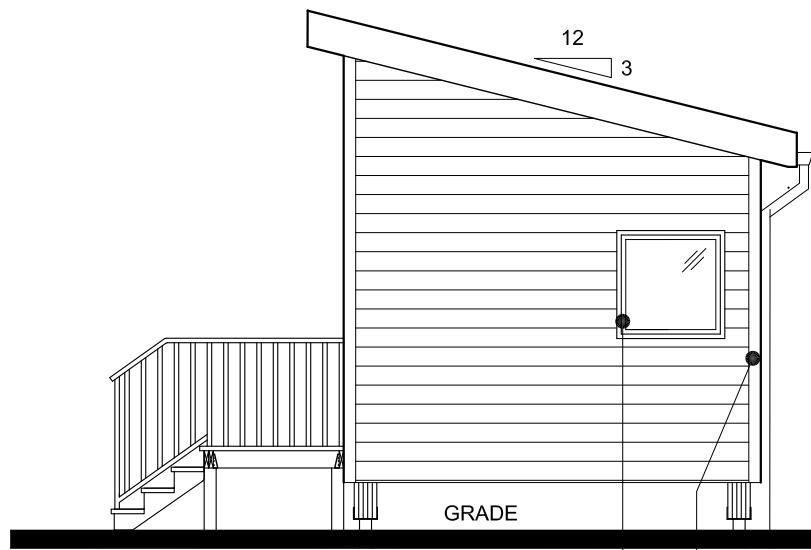
1 WEST EXTERIOR ELEVATION
 A3.0 SCALE: 3/16" = 1'-0"



- ANY DECK/LANDING 24" ABOVE GRADE IS REQ'D TO HAVE A 36" HIGH GUARDRAIL
 - EXTERIOR STAIRS WITH 3 OR MORE RISERS, REQUIRE A CONTINUOUS HANDRAIL
 - MIN RISE 4 7/8", MAX RISE 7 7/8" (EACH RISE TO BE THE SAME)
 - MIN RUN 10" , MAX RUN 14" (EACH RUN TO BE THE SAME)

ALL WOOD ELEMENTS WITHIN 8" OF GRADE TO BE WATERPROOFED OR PRESSURE TREATED WOOD, TYP.

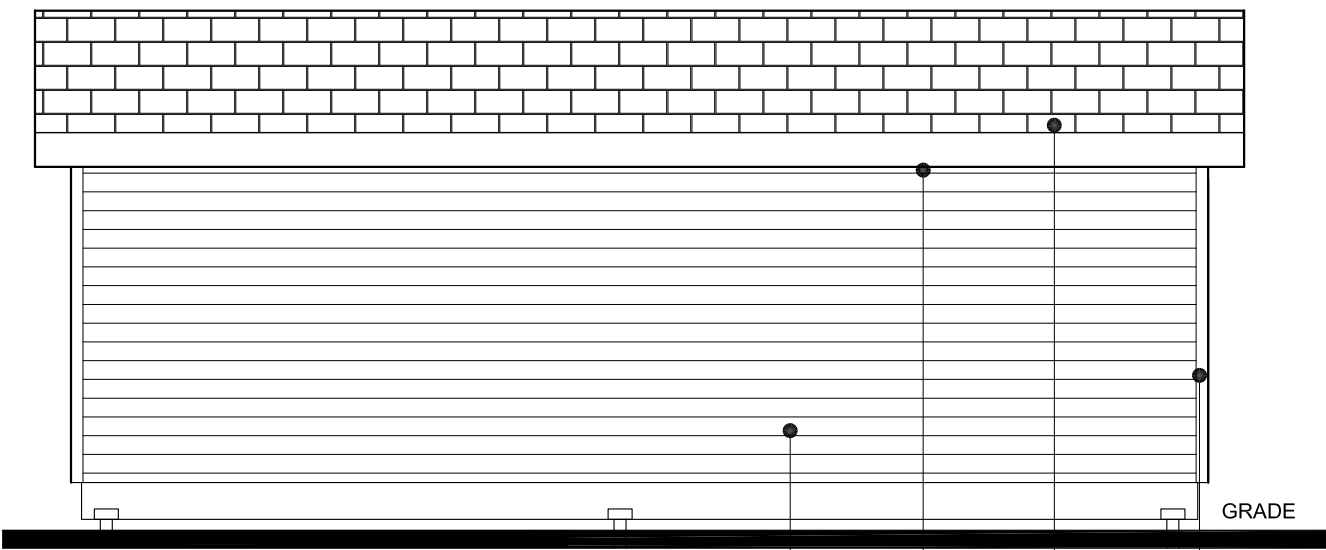
2 SOUTH EXTERIOR ELEVATION
 A3.0 SCALE: 3/16" = 1'-0"



MATERIAL LEGEND

1	SHINGLES
2	PREFINISHED ALUMINUM CLAD WOOD FASCIA, COLOUR TBD
3	PVC WINDOW FRAMES
4	VINYL SIDING, COLOUR TBD (OTHER OPTIONS AVAILABLE)
5	CORNER BOARD, COLOUR TBD
6	PREFINISHED ALUMINUM EAVESTROUGH & DOWNSPOUT, COLOUR TBD

3 EAST EXTERIOR ELEVATION
 A3.0 SCALE: 3/16" = 1'-0"



4 NORTH EXTERIOR ELEVATION
 A3.0 SCALE: 3/16" = 1'-0"

Drawing Title:

EXTERIOR ELEVATIONS

Drawn by:
VERECO SMART GREEN HOMES
 302, Salloum Crescent Saskatoon, SK S7W 1N1
 www.vereco.ca
 306.713-0795

Project:
TINY HOME STANDARD CONSTRUCTION

Date:
MAR 04, 2025

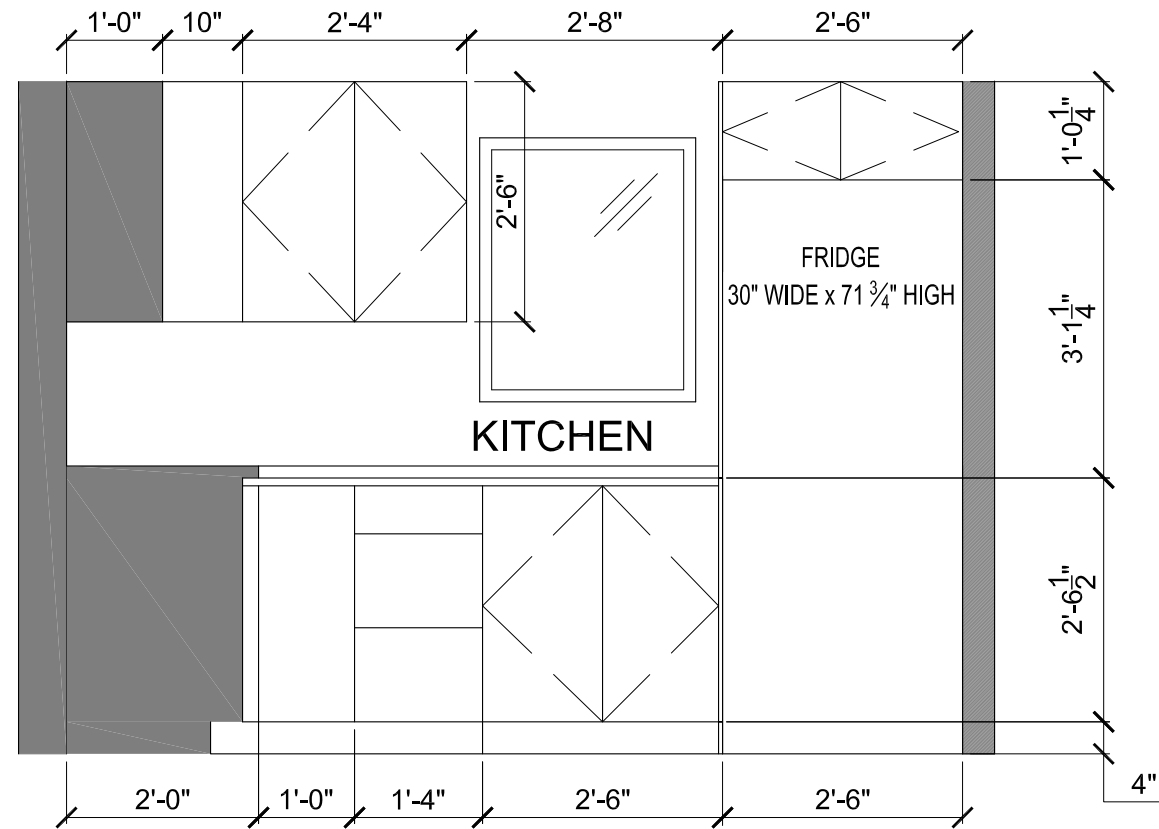
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Client:
METIS NATION SASKATCHEWAN

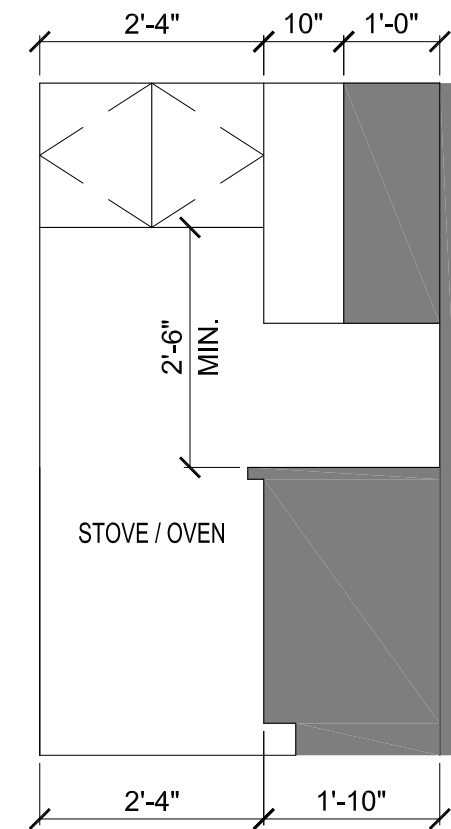
Drawing Number:
A3.0

Revision:
CD05 REV 1 PRICING ONLY NOT FOR CONSTRUCTION





1 KITCHEN (SOUTH)
INTERIOR ELEVATION
A3.1 SCALE: 1/2" = 1'-0"



2 KITCHEN (EAST)
INTERIOR ELEVATION
A3.1 SCALE: 1/2" = 1'-0"

Drawing Title:

INTERIOR KITCHEN ELEVATIONS

Drawn by:
VERECO SMART GREEN HOMES
302, Salloum Crescent Saskatoon, SK S7W 1N1
www.vereco.ca
306.713-0795

Project:
**TINY HOME
STANDARD CONSTRUCTION**

Date:
MAR 04, 2025

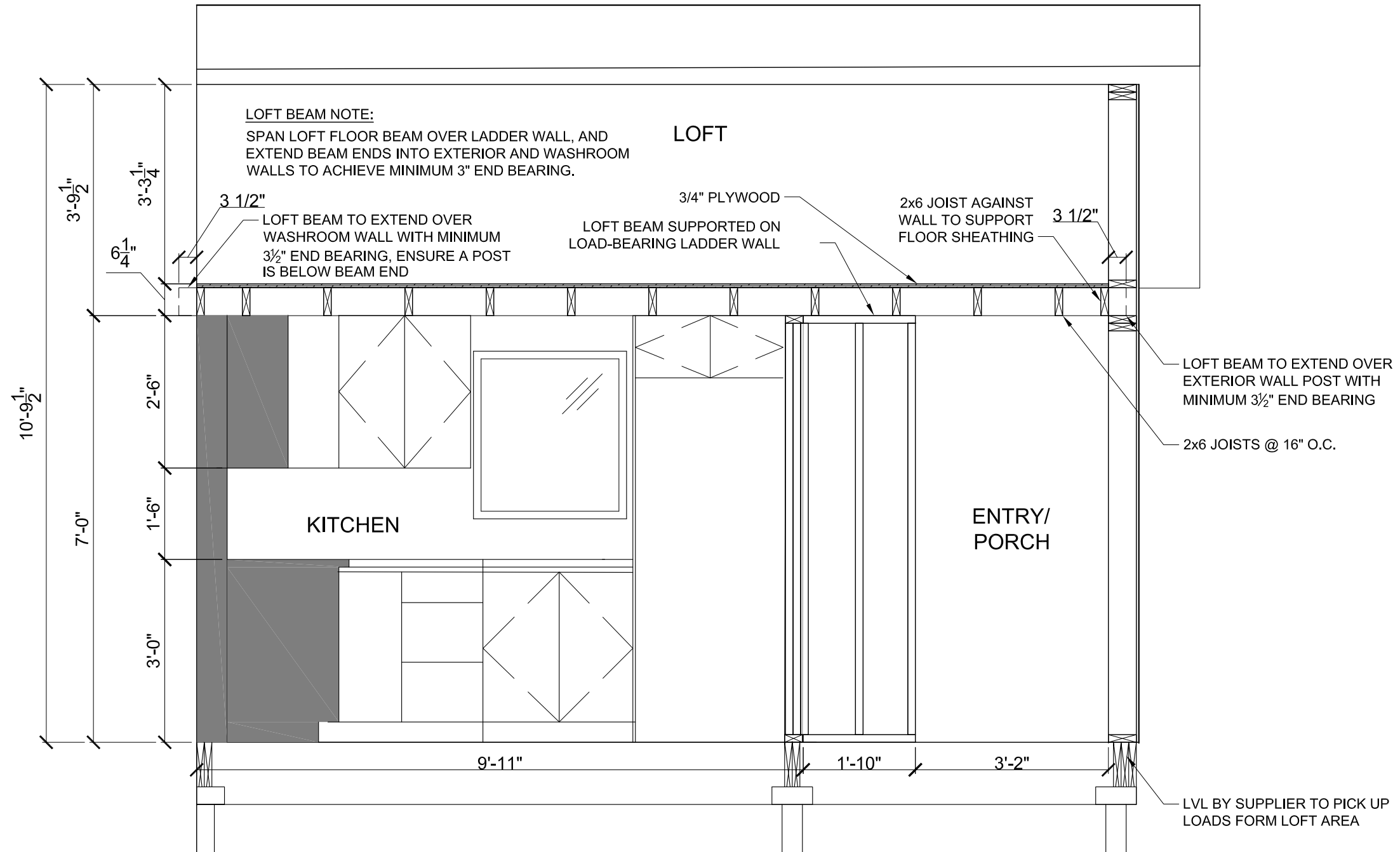
Scale: 1/2" = 1'-0"

Client:
METIS NATION SASKATCHEWAN

Drawing Number:
A3.1

Revision:
**CD05 REV 1 PRICING ONLY
NOT FOR CONSTRUCTION**





1 LOFT ELEVATION
A3.2 SCALE: 3/8" = 1'-0"

Drawing Title:
LOFT ELEVATIONS

Drawn by:
VERECO SMART GREEN HOMES
302, Salloum Crescent Saskatoon, SK S7W 1N1
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306.713-0795

Project:
**TINY HOME
STANDARD CONSTRUCTION**

Date:
MAR 04, 2025

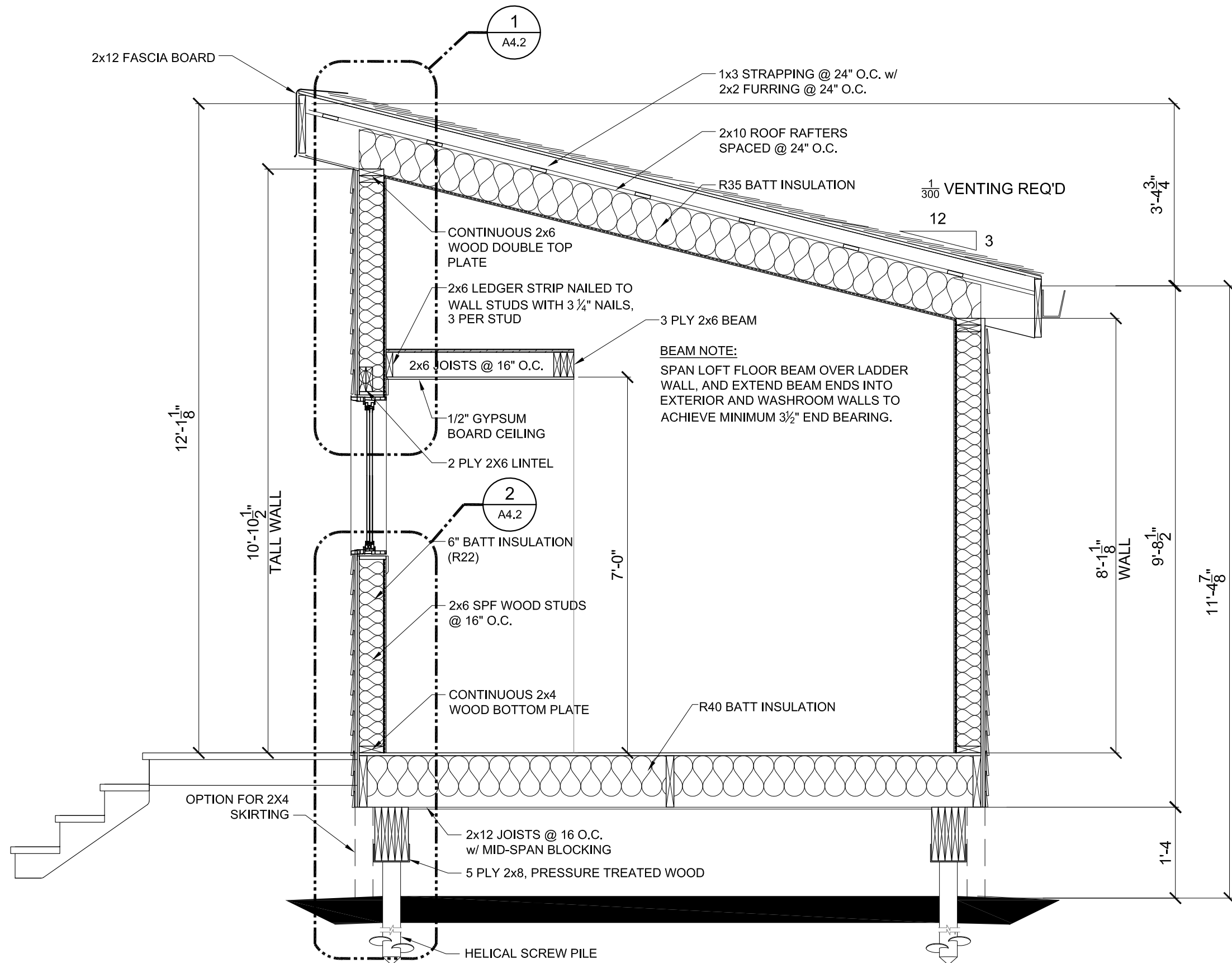
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Client:
METIS NATION SASKATCHEWAN

Drawing Number:
A3.2

Revision:
**CD05 REV 1 PRICING ONLY
NOT FOR CONSTRUCTION**





Drawing Title:

BUILDING SECTION

Drawn by:

VERECO SMART GREEN HOMES
 302, Salloum Crescent Saskatoon, SK S7W 1N1
 www.vereco.ca
 306.713-0795

Project:

**TINY HOME
 STANDARD CONSTRUCTION**

Date:

MAR 04, 2025

Scale: 1/2" = 1'-0"

Client:

METIS NATION SASKATCHEWAN

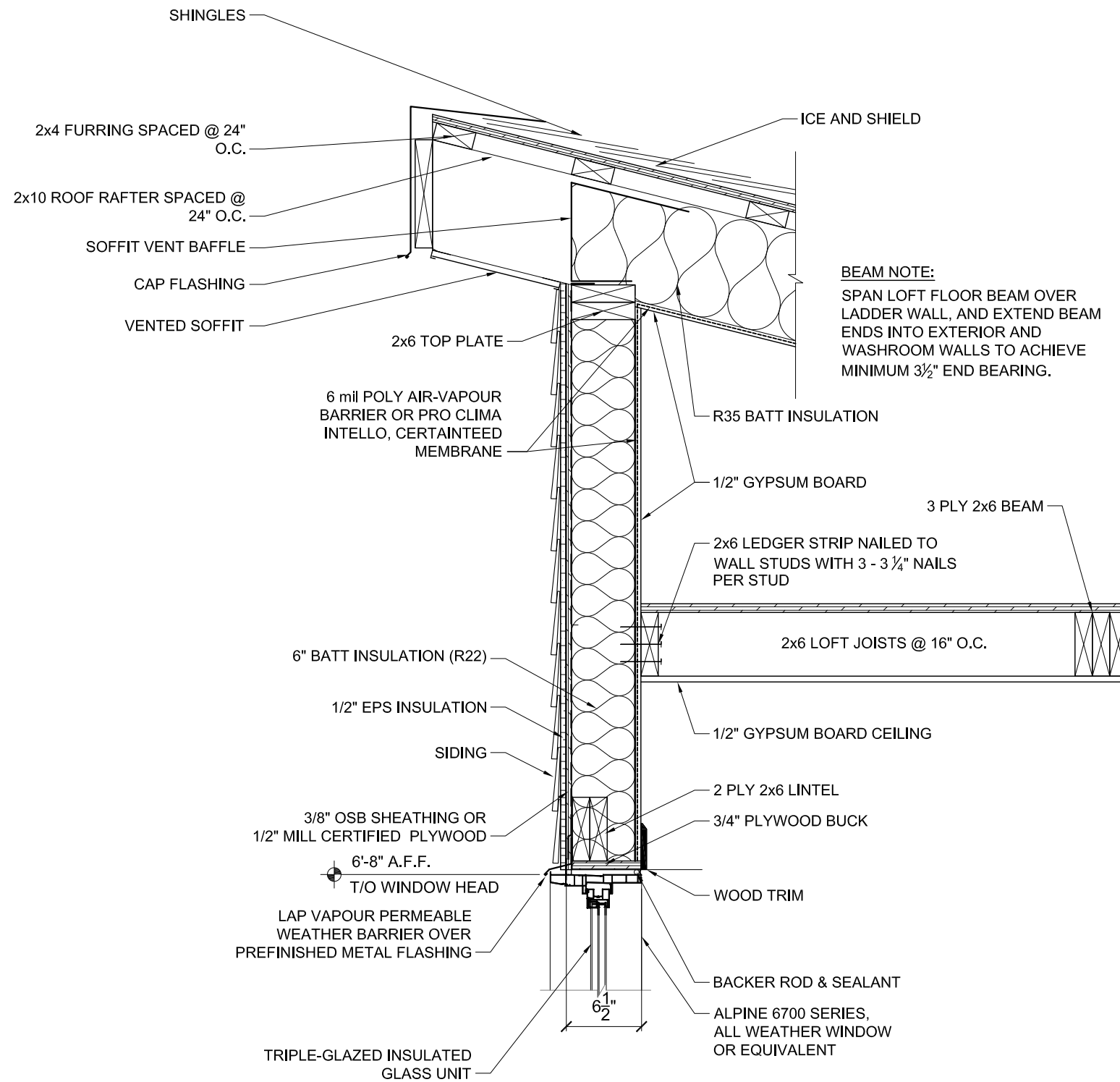
Drawing Number:

A4.0

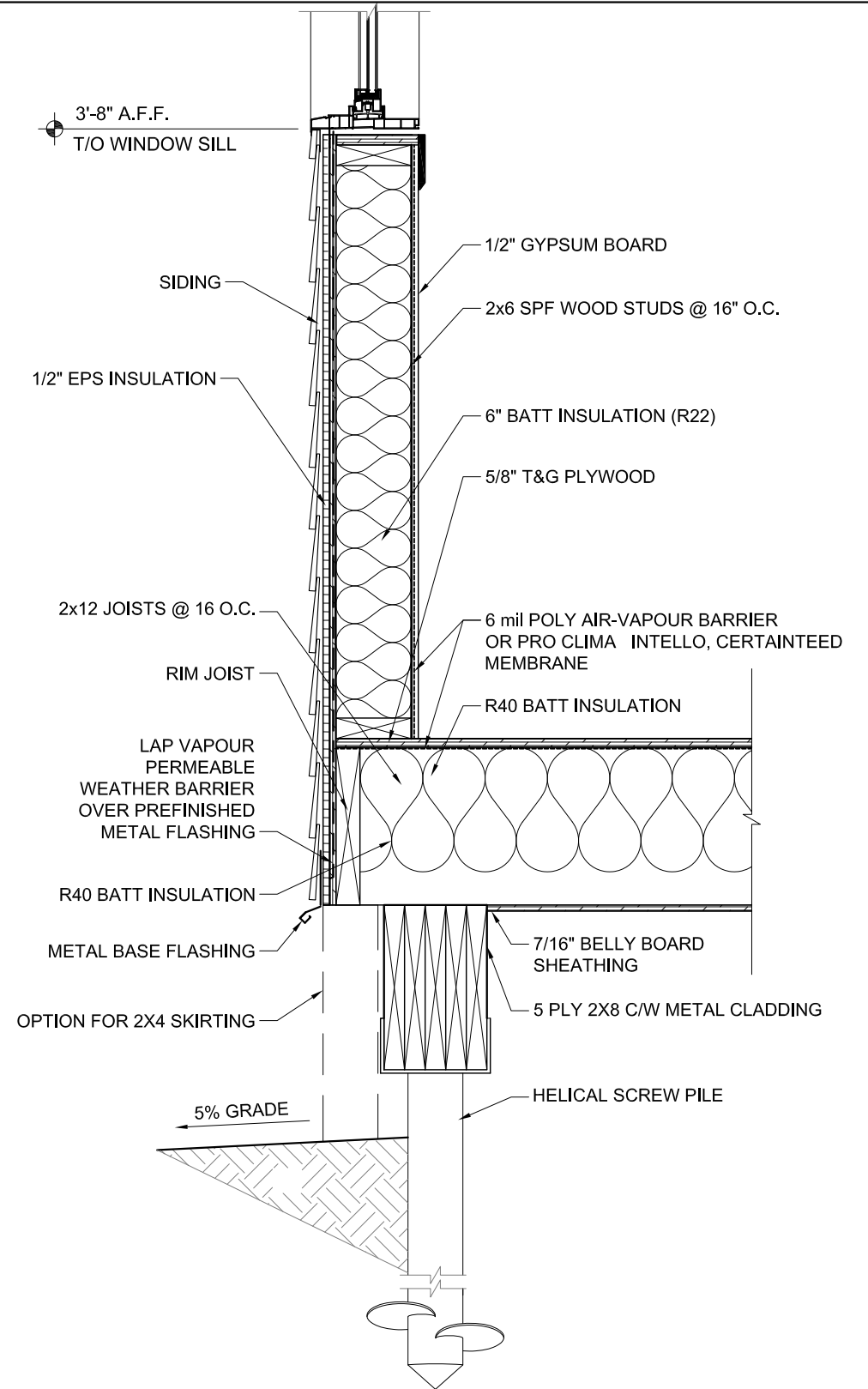
Revision:

**CD05 REV 1 PRICING ONLY
 NOT FOR CONSTRUCTION**





1 WINDOW HEAD DETAIL
A4.1 SCALE: 1" = 1'-0"



2 WINDOW SILL DETAIL
A4.1 SCALE: 1" = 1'-0"

Drawing Title:

DETAILS

Drawn by:
VERECO SMART GREEN HOMES
302, Salloum Crescent Saskatoon, SK S7W 1N1
www.vereco.ca
306.713-0795

Project:
**TINY HOME
STANDARD CONSTRUCTION**

Date:
MAR 04, 2025

Scale: **AS SHOWN**

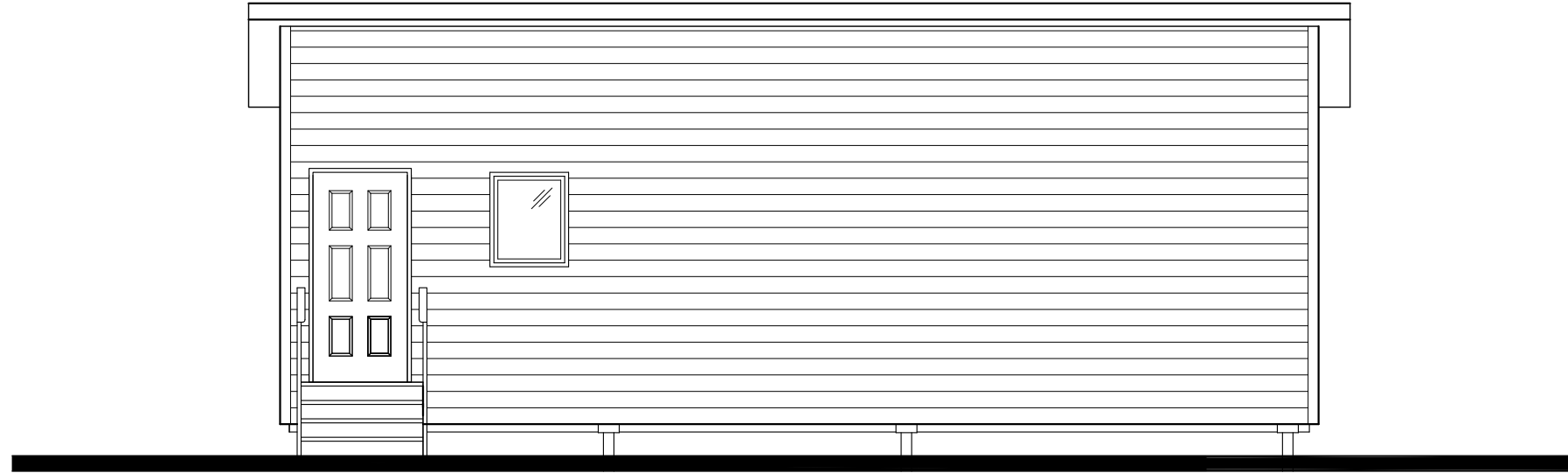
Client:
METIS NATION SASKATCHEWAN

Drawing Number:
A4.1

Revision:
**CD05 REV 1 PRICING ONLY
NOT FOR CONSTRUCTION**



NLT Construction Drawings



VERECO SMART GREEN HOMES TINY HOME CONSTRUCTION DRAWINGS SASKATCHEWAN

DRAWING LIST:

- A0 - COVER SHEET & DRAWING LIST
- A0.1 - GENERAL INFORMATION
- A0.2 - DOOR & WINDOW SCHEDULE
- A0.3 - CONCEPT RENDERINGS
- A2.0 - FLOOR PLAN
- A2.1 - FINISHES PLAN
- A2.2 - MECH / ELEC PLAN
- A2.3 - FOUNDATION / CRAWLSPACE PLAN
- A2.4 - ROOF PLAN
- A3.0 - EXTERIOR ELEVATIONS
- A3.1 - INTERIOR KITCHEN ELEVATIONS
- A3.2 - LOFT ELEVATION
- A4.0 - BUILDING SECTION
- A4.1 - DETAILS

Drawing Title:

COVER SHEET

Drawn by:

VERECO SMART GREEN HOMES
302, Salloum Crescent Saskatoon, SK S7W 1N1
www.vereco.ca
306.713-0795

Project:

**TINY HOME
NLT CONSTRUCTION
NON-ACCESSIBLE**

Date:

MAR 04, 2025

Scale: **N.T.S.**

Client:

METIS NATION SASKATCHEWAN

Drawing Number:

A0

Revision:

**CD05 REV 2 PRICING ONLY
NOT FOR CONSTRUCTION**

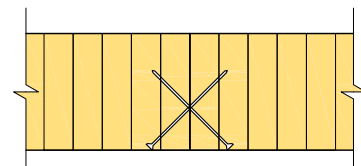


GENERAL NOTES:

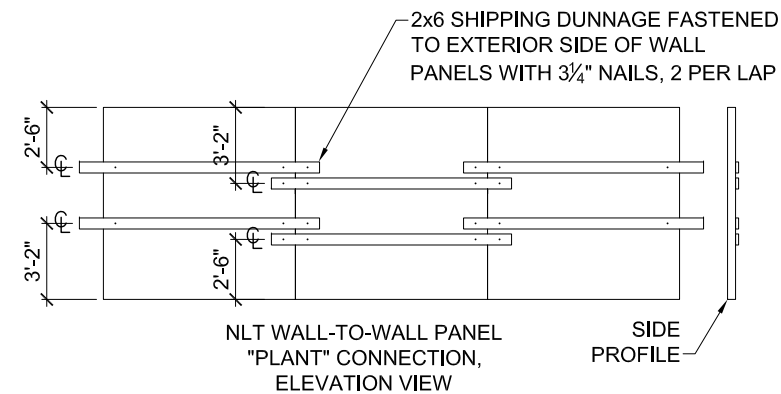
1. ALL CONSTRUCTION IS TO COMPLY WITH THE NATIONAL BUILDING CODE OF CANADA.
2. DOOR AND WINDOW SCHEDULE BY OWNER. SEE SUPPLIER FOR ROUGH OPENING SIZES.
3. ELECTRICAL DESIGN, HEATING AND VENTILATION DESIGN BY CONTRACTOR.
4. ELECTRICAL FIXTURE SPECIFICATIONS BY OWNER.
5. INTERIOR AND EXTERIOR FINISH CARPENTRY TO BE DECIDED BY OWNER.
6. ANY ERRORS OR OMISSIONS TO BE REPORTED TO THE OWNER.
7. USE CAUTION WHEN SCALING DRAWINGS.

CONNECTION NOTES:

1. CONFIRM CONNECTION DESIGN WITH STRUCTURAL ENGINEER.
2. REFER TO NAIL LAMINATED TIMBER CANADIAN DESIGN & CONSTRUCTION GUIDE.
3. EUROTEC PANELTWISTEC TK AG SCREWS ARE THE PREFERRED PANEL FASTENERS.
4. FLOOR-TO-FLOOR CONNECTION, SELF-TAPPING FULLY THREADED SCREWS INCLINED AT 45°, FROM UNDERSIDE OF FLOOR.
5. PROVIDE 1/8" MAXIMUM GAP BETWEEN FLOOR AND WALL PANELS.
6. WALL-TO-WALL CONNECTION, TOP WALL PLATES FASTENED WITH EUROTEC PANELTWISTEC TK AG SCREWS OR EQUIVALENT.
7. WALL-TO-FLOOR CONNECTION, BOTTOM WALL PLATES FASTENED WITH EUROTEC PANELTWISTEC TK AG SCREWS OR EQUIVALENT.
8. WALL-TO-WALL CORNER CONNECTION, TOP AND BOTTOM PLATES AND SCREW FASTENERS ALONG JOINT.
9. BEAM-TO-WALL CONNECTION, BEAM FASTENED TO WALL POCKET WITH WASHER HEAD HIGH TENSILE SCREWS (@ 2 LOCATIONS).



NLT FLOOR-TO-FLOOR
PANEL CONNECTION,
SECTION VIEW



NLT WALL-TO-WALL PANEL
"PLANT" CONNECTION,
ELEVATION VIEW

SIDE
PROFILE

BUILDING CODE ANALYSIS:

THIS BUILDING IS DESIGNED UNDER PART 9 OF THE NATIONAL BUILDING CODE OF CANADA (NBCC).

SUMMARY OF WORK: NEW CONSTRUCTION

OCCUPANCY USE: RESIDENTIAL, GROUP C,
ONE STOREY

BUILDING AREA: 352 ft² (32.7 m²)

CONSTRUCTION TYPE: COMBUSTIBLE / NON-COMBUSTIBLE (NBCC 9.10.14.5.)

LIABILITY NOTES:

Contractor shall check and verify all specifications and dimensions. Report discrepancies to owner and or contractor. Elevations of actual finish grade may vary due to site conditions. After construction begins:

Errors, omissions, or any deviation from plans or specs, becomes the responsibility of the contractor. Construction procedures and or quality of materials is the responsibility of the contractor to enforce. Contractor shall accept full responsibility of these plans.

The below building plans relate only to building drawings or plans based on the instructions of the customer. Such drawings or plans are in accordance with the "canadian national building code", and are not to be regarded as engineered drawings or plans. It is the responsibility of the customer to obtain appropriate structural, mechanical, electrical, and geotechnical engineering services as required, and engage a contractor to use proper materials and building practices in the construction of the proposed building.

Owner and or contractor, is responsible for the building project, and for managing safety on the site. Record drawings are based, in large part, on information supplied by OWNERS and others.

This Firm's Liability To The Client Or Third Parties, Either In Contract Or In Tort, And Including Negligence, Shall Be Absolutely Limited To The Value Of Fees Paid To This Firm For This Project.

1. Unless Geotechnical Tests indicate a soil type with corresponding Bearing and Friction values, Soil for this project is considered to be at least CLAY "Semi Tough" at the footing level or throughout the pile effective length with an allowable Soil bearing value of 2,000 psf and S.F. of 600 psf.
2. Frost Depth is considered as 8'-0" for all piles.
3. All footings must sit on undisturbed soil. If excavation is dug too deep, increase footing depth to compensate.

CONSTRUCTION ASSEMBLIES

ROOF ASSEMBLY:

- SHINGLES
- 7/16" OSB SHEATHING OR 1/2" MILL CERTIFIED PLYWOOD
- R40 BATT INSULATION
- 2x12 SPF RAFTERS @ 24" O.C.
- 6 mil POLY AIR-VAPOUR BARRIER (PRO CLIMA INTELLO, CERTAINTEED MEMBRANE)
- PLANED RE-PURPOSED 2x8 SPF
- **2 NAILS @ 24 O.C. USING LIGNOLOC HEADLESS WOOD NAILS

EXTERIOR WALL ASSEMBLY:

- VINYL SIDING (UPGRADE AVAILABLE)
- VAPOUR PERMEABLE WEATHER BARRIER
- 2x6 SPF WOOD STUDS @ 24 O.C.
- R22 BATT INSULATION
- 6 mil POLY AIR-VAPOUR BARRIER (PRO CLIMA INTELLO, CERTAINTEED MEMBRANE)
- NAIL-LAMINATED 2x4 MASS TIMBER WALL

2x4 INTERIOR PARTITION ASSEMBLY:

- 1/2" WOOD WALL FINISH
- 2x4 SPF WOOD STUDS @ 16" O.C.
- 1/2" WOOD WALL FINISH (WALLS TO BE FINISHED WITH A LOW VOC MATERIAL)

FLOOR ASSEMBLY:

- NAIL-LAMINATED 2x4 MASS TIMBER
- 6 mil POLY AIR-VAPOUR BARRIER (PRO CLIMA INTELLO, CERTAINTEED MEMBRANE)
- R40 BATT INSULATION
- 7/16" BELLY BOARD OSB SHEATHING (WEATHER / RODENT PROOFED)

2x6 INTERIOR PARTITION ASSEMBLY:

- 1/2" WOOD WALL FINISH
- 2x6 SPF WOOD STUDS @ 16" O.C.
- 1/2" WOOD WALL FINISH (WALLS TO BE FINISHED WITH A LOW VOC MATERIAL)

SHOWER/BATH WALL ASSEMBLIES:

- ENSURE WATERPROOF FINISH AT SHOWERS.

* IF USING CERTAINTEED MEMBRANE ON ROOF OR WALLS ASSEMBLIES, AN ENGINEER OR ARCHITECT WILL SIGN OFF ON THE PRODUCT USE

Drawing Title:

GENERAL INFORMATION

Drawn by:

VERECO SMART GREEN HOMES
302, Salloum Crescent Saskatoon, SK S7W 1N1
www.vereco.ca
306.713-0795

Project:

TINY HOME
NLT CONSTRUCTION
NON-ACCESSIBLE

Date:

MAR 04, 2025

Scale:

N.T.S.

Client:

METIS NATION SASKATCHEWAN

Drawing Number:

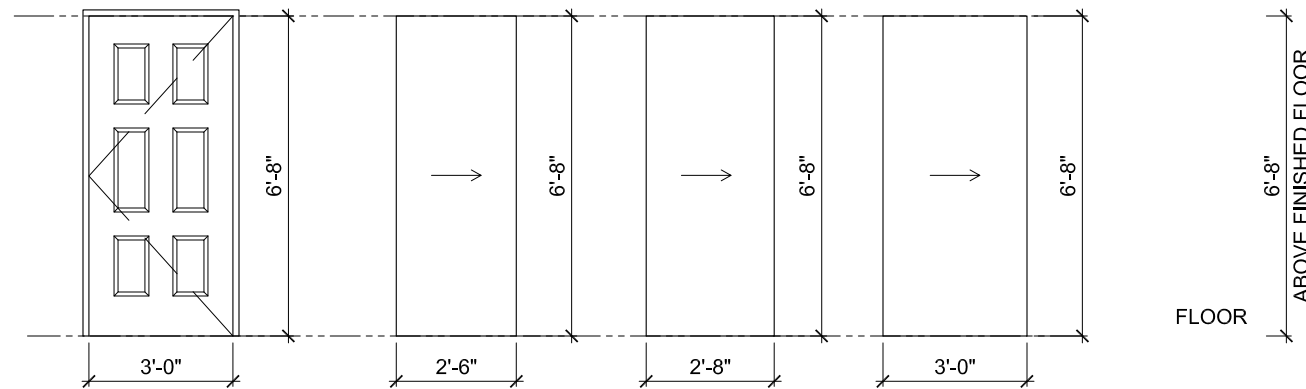
A0.1

Revision:

CD05 REV 2 PRICING ONLY
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DOOR & WINDOW SCHEDULE



**EXTERIOR
DOOR TYPE 1 (x1)**

MAIN ENTRANCE
- SWING
- LOW THRESHOLD

**INTERIOR
DOOR TYPE 2 (x1)**

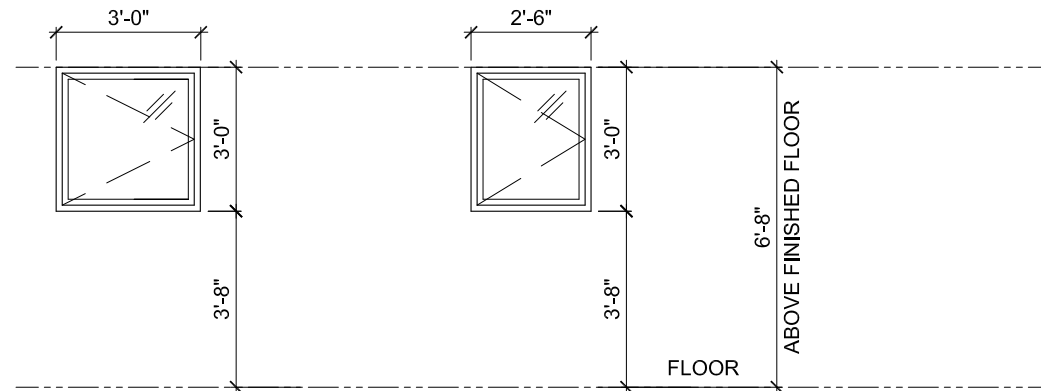
WASHROOM
- POCKET DOOR
- HOLLOW CORE

**INTERIOR
DOOR TYPE 3 (x1)**

BEDROOM
- POCKET DOOR
- HOLLOW CORE

**INTERIOR
DOOR TYPE 4 (x1)**

UTILITY ROOM
- POCKET DOOR
- HOLLOW CORE



WINDOW 1 (x2)

LIVING ROOM/ DINING ROOM,
BEDROOM
- CASEMENT
OPERABLE

(SEE DETAIL DRAWING A4.1)

WINDOW 2 (x1)

KITCHEN
- CASEMENT
OPERABLE

(SEE DETAIL DRAWING A4.1)

GENERAL NOTES:

- ALL WINDOWS ARE ALL WEATHER WINDOWS U.N.O.
- WINDOWS AND DOORS SHOWN ARE THE ACTUAL SIZES UNLESS NOTED OTHERWISE. THE ROUGH FRAMED OPENING SHOULD BE AN 1" TO 2" GREATER IN WIDTH AND HEIGHT FOR DOORS AND WINDOWS.

WINDOW AND DOOR SPECIFICATION:

- COLOR WHITE INTERIOR AND WHITE EXTERIOR FRAME.
 - NFRC: Energy Star U=1.14
SHGC=0.49
ER=43
NRCan=NR5695-34612577-ES5
 - NAFS: CW-PG70
PDP=3360Pa(70psf)
NDP=-3360Pa(-70psf)
WPRTP=730Pa(15psf) CAI=FX

DOORS:

- POLYURETHANE INSULATION WITH R8 OR BETTER (MINIMUM OF R6).
- DOUBLE PANEL SHAKER STYLE (TYPICAL).
- SOLID CORE WHERE SOUNDPROOFED. HOLLOW CORE EVERYWHERE ELSE.
- INTERIOR DOORS WILL BE PAINTED SEMIGLOSS WHITE.

WINDOWS:

- ALL OPENING WINDOWS TO HAVE BUG SCREENS.
- ALL WINDOWS MUST BE OPERABLE TO ALLOW FOR CROSS VENTILATION
- CONFIRM ROUGH OPENING ON SITE PRIOR TO FABRICATION.
- PROVIDE PREFINISHED METAL FLASHING OVER ALL EXTERIOR WINDOWS AND DOORS.
- BEDROOM WINDOWS TO MEET NBC EGRESS REQUIREMENTS, UNOBSTRUCTED OPENING TO BE A MINIMUM OF 3.77 ft² (0.35 m²) WITH NO DIMENSIONS LESS THAN 15" (380mm).
- ALL WINDOW SILLS WILL HAVE AN MDF SILL INSTEAD OF JUST DRYWALL RETURNS.

Drawing Title:

DOOR & WINDOW SCHEDULE

Drawn by:
VERECO SMART GREEN HOMES
302, Salloum Crescent Saskatoon, SK S7W 1N1
www.vereco.ca
306.713-0795

Project:
TINY HOME
NLT CONSTRUCTION
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Scale: **N.T.S.**

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Drawing Number:
A0.2

Revision:
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EXTERIOR CONCEPT RENDERING

FOR CONCEPTUAL REFERENCE ONLY

Drawing Title:

CONCEPT RENDERINGS

Drawn by:

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Drawing Number:

A0.3

Revision:

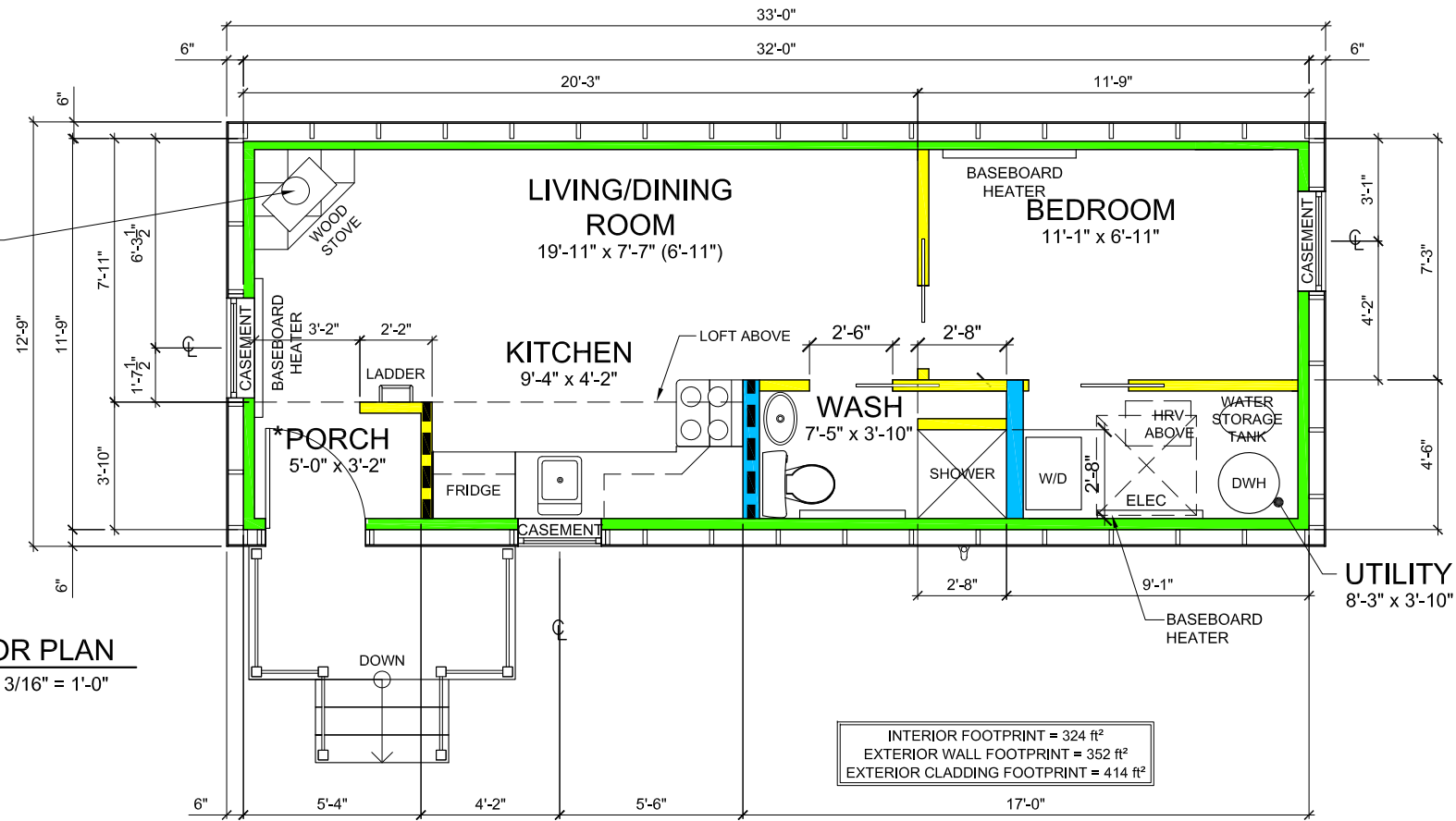
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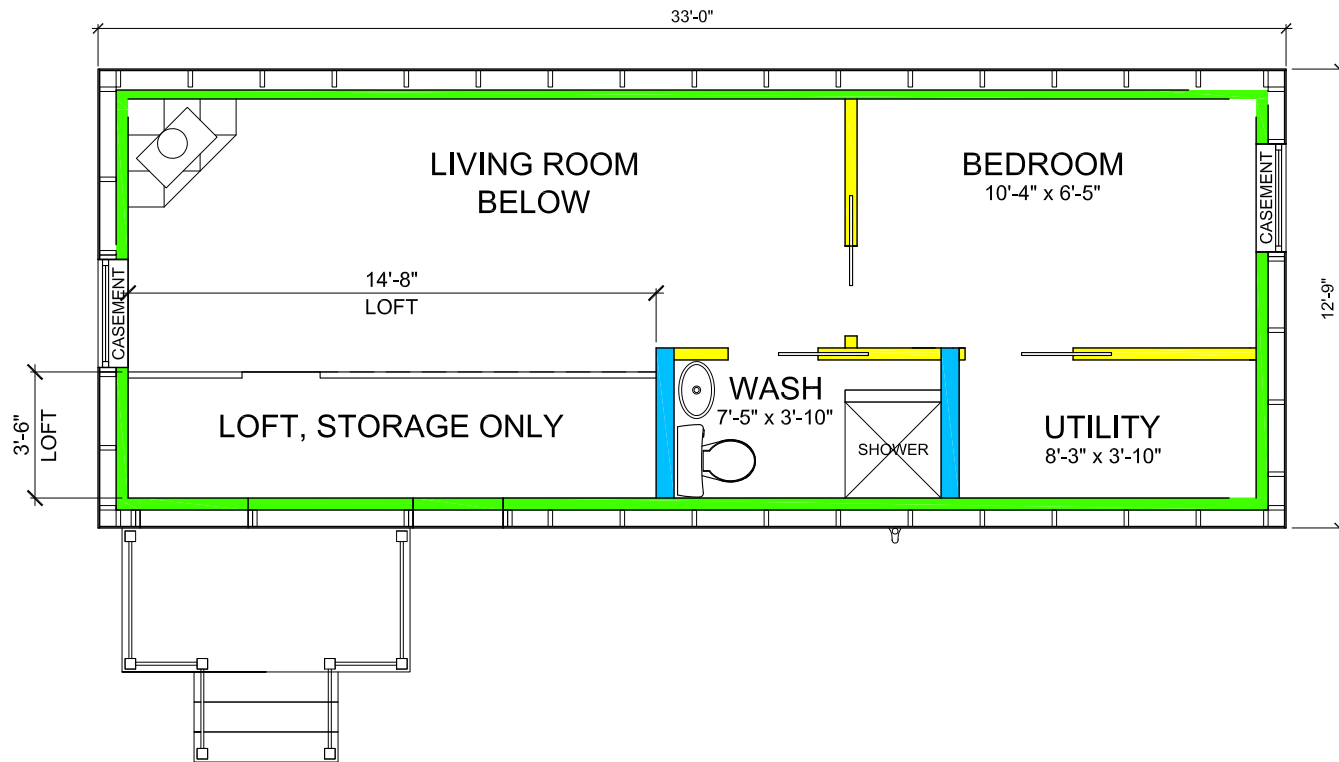
WOOD BURNING STOVE TO BE INSTALLED BY A WETT CERTIFIED INSTALLER. ENSURE SETBACKS TO COMBUSTIBLE MATERIALS ARE MET AS PER WOOD BURNING STOVE'S SPECIFICATIONS

NOTE: MINIMUM CLEARANCE REQUIREMENTS AND WALL/ FLOORING AND VENTING WILL BE DICTATED/ DIRECTED BY STOVE MANUFACTURER. IT IS THE BUILDERS RESPONSIBILITY TO CONFIRM WETT CERTIFICATION AND INSTALLATION/ OPERATING REQUIREMENTS.

1 FLOOR PLAN
A2.0 SCALE: 3/16" = 1'-0"



2 LOFT PLAN
A2.0 SCALE: 3/16" = 1'-0"



ABBREVIATIONS:

2'-6"	2/6
ABOVE FINISHED FLOOR	AFF
CABINET	CAB
CENTRELINE	CL
COMPLETE WITH	C/W
CONTINUOUS	CONT
DISHWASHER	D/W
DRYER	D
ELECTRICAL PANEL	ELEC
EQUAL	EQ
ENGINEERED	ENG
FIRE RESISTANCE RATING	FRR
FLOOR DRAIN	FD
FOUNDATION	FNDN
INSIDE	I/S
INSULATION	INSUL
NATIONAL BUILDING CODE OF CANADA	NBCC
NOT TO SCALE	NTS
ON CENTRE	O.C.
ORIENTED STRAND BOARD	OSB
OVERHEAD	O/H
PRESERVED WOOD FOUNDATION	PWF
REFRIGERATOR	REF
REINFORCEMENT	REINF
RISER	R
TONGUE & GROOVE	T&G
TOP OF	T.O.
TYPICAL	TYP
WASHER	W
WALK-IN-CLOSET	WIC

WALL LEGEND

	2x4 MASS TIMBER WALL
	2x4 WALL
	2x4 LOAD-BEARING STUDS
	2x6 WALL

Drawing Title:

FLOOR PLANS

Drawn by:
VERECO SMART GREEN HOMES
302, Salloum Crescent Saskatoon, SK S7W 1N1
www.vereco.ca
306.713-0795

Project:
TINY HOME
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Date:
MAR 04, 2025

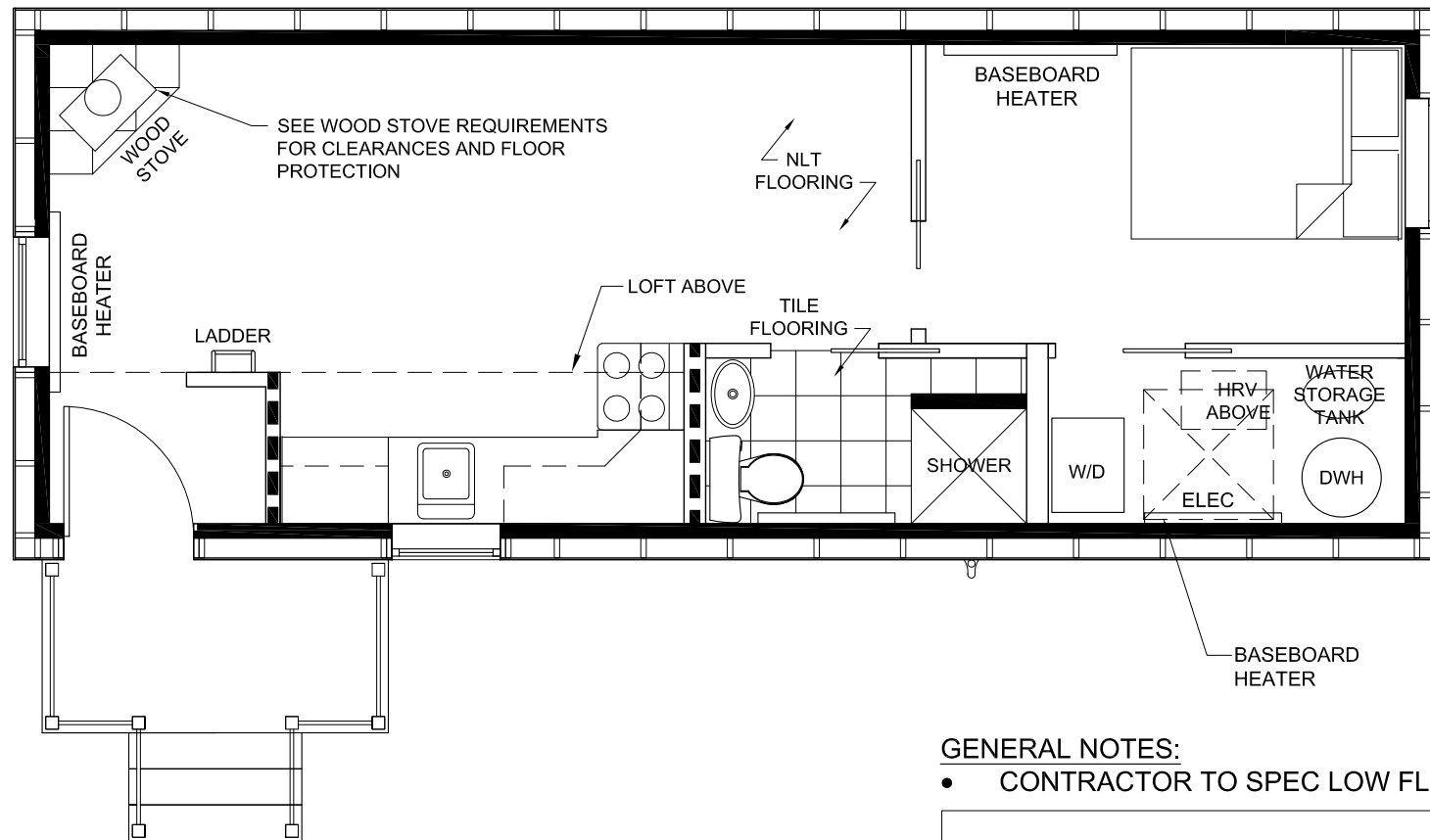
Scale: 3/16" = 1'-0"

Client:
METIS NATION SASKATCHEWAN

Drawing Number:
A2.0

Revision:
CD05 REV 2 PRICING ONLY
NOT FOR CONSTRUCTION





GENERAL NOTES:

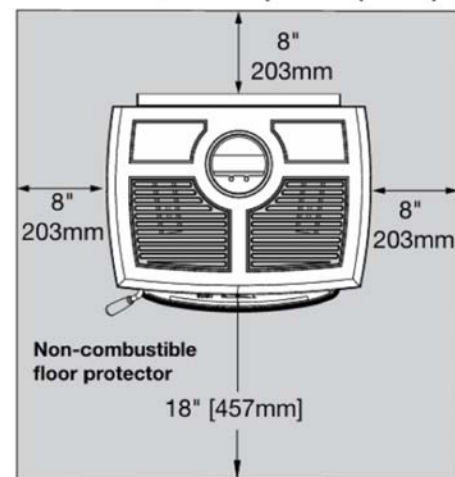
- CONTRACTOR TO SPEC LOW FLOW FIXTURES

SPECIFICATIONS

ITEM	PRODUCT	SPECIFICATIONS	NOTES
APPLIANCES			
STACKABLE WASHER/ DRYER	SUPPLIER: GE APPLIANCES MODEL: GUD57EEMTDG	CAPACITY: 5.9 FT ³ FUEL TYPE: ELECTRIC WEIGHT: 111KG DIMENSIONS: 26.5IN X 30.8IN X 75.8IN	EQUIVALENT SPECIFICATION TO BE APPROVED BY OWNER
REFRIGERATOR	SUPPLIER: DANBY MODEL: DFF101B1BSLDB	CAPACITY: 10.1 FT ³ FUEL TYPE: ELECTRIC WEIGHT: 59KG DIMENSIONS: 23.4IN X 26.1IN X 59.5IN	EQUIVALENT SPECIFICATION TO BE APPROVED BY OWNER
OVEN	SUPPLIER: DANBY MODEL: DERM240BSSC	CAPACITY: 2.5 FT ³ FUEL TYPE: ELECTRIC WEIGHT: 51.04KG DIMENSIONS: 23.4IN X 25.8IN X 41.5IN	EQUIVALENT SPECIFICATION TO BE APPROVED BY OWNER

CANADA Only

Minimum Width - 44" (1.120m)
Minimum Overall Depth - 45" (1.145m)



In Canada: 18" (457 mm) on the firing side and 8" (203 mm) to the other sides.

WOOD STOVE REQUIREMENTS

Drawing Title:

FINISHES PLAN

Drawn by:
VERECO SMART GREEN HOMES
302, Salloum Crescent Saskatoon, SK S7W 1N1
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Date:
MAR 04, 2025

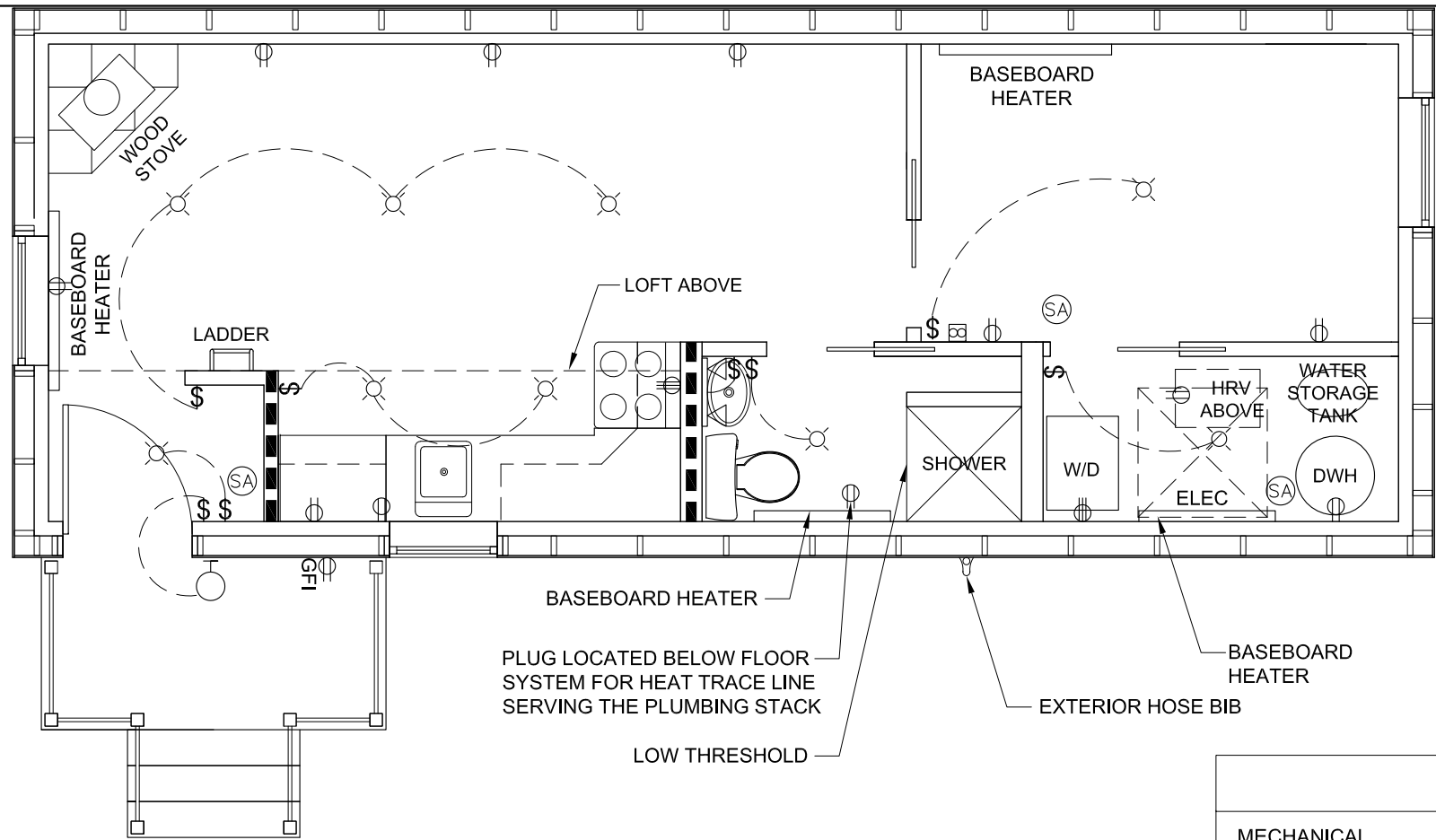
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Client:
METIS NATION SASKATCHEWAN

Drawing Number:
A2.1

Revision:
CD05 REV 2 PRICING ONLY
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NOTE: SMOKE AND CARBON MONOXIDE ALARM (DUAL) REQUIRED IN LIVING AREA. PLACE AT HIGHEST POINT IN CEILING. BE SURE TO CHECK SPECIFICATIONS TO ENSURE IT IS FAR ENOUGH AWAY FROM THE WALL

LEGEND:	
LIGHT FIXTURE	
WALL LIGHT	
POT LIGHT	
SMOKE ALARM (WIRED)	
SINGLE SWITCH	
3 WAY SWITCH	
4 WAY SWITCH	
DIMMER SWITCH	
110 DUPLEX RECEPTACLE	
SURFACE MOUNTED DUPLEX RECEPTACLE	
220 RECEPTACLE	
GROUND FAULT INTERRUPTER	
FORCED AIR (SUPPLY)	
RETURN AIR GRILLE	
THERMOSTAT	

ELECTRICAL			
ITEM	PRODUCT	SPECIFICATIONS	NOTES
LIVING ROOM AND BEDROOM BASEBOARD HEATER	SUPPLIER: STELPRO MODEL: B1002W	ELECTRIC BASEBOARD HEATER VOLTAGE: 240 WATTAGE: 1000W	EQUIVALENT SPECIFICATION TO BE APPROVED BY OWNER
WASHROOM AND UTILITY ROOM BASEBOARD HEATER	SUPPLIER: STELPRO MODEL: B0752W	ELECTRIC BASEBOARD HEATER VOLTAGE: 240 WATTAGE: 750W	EQUIVALENT SPECIFICATION TO BE APPROVED BY OWNER

VERECO SOLAR READY NOTES:

1. PROVIDE 2" PVC VERTICAL CONDUIT FROM ATTIC (ABOVE INSULATION) TO MECHANICAL ROOM.
2. PROVIDE 2" FLEXIBLE PVC FROM METERING POINT TO EQUIPMENT.

SPECIFICATIONS			
MECHANICAL			
ITEM	PRODUCT	SPECIFICATIONS	NOTES
HRV	SUPPLIER: ACURASEE MECHANICAL MODEL: MINI	CAPACITY: 45 M3/H VOLTAGE: 12/120 V POWER: 4 W ORIFICE DIAMETER: 3" WEIGHT: 5 KG DIMENSIONS: 15.7 in x ~11.8 in x ~6.3 in	EQUIVALENT SPECIFICATION TO BE APPROVED BY OWNER
HOT WATER HEATER	SUPPLIER: RHEEM COMMERCIAL POINT OF USE MODEL: 594354	ELECTRIC TANK WATER HEATER WATTAGE: 3000 VOLTAGE: 240 V CAPACITY: 30 GALLON	EQUIVALENT SPECIFICATION TO BE APPROVED BY OWNER
WATER STORAGE TANK	SUPPLIER: QMP PRODUCTS MODEL: 60068-2	MATERIAL: FOOD GRADE POLYETHYLENE. BPA FREE CAPACITY: 102 US GALLONS	EQUIVALENT SPECIFICATION TO BE APPROVED BY OWNER
WOOD STOVE	SUPPLIER: US STOVE COMPANY MODEL: # US1269E HOME DEPOT STORE SKU # 1001808605	MATERIAL: CAST IRON FUEL: WOOD HEAT OUTPUT: 54,000 BTU/HR WEIGHT: 134 LBS DIMENSIONS: 33 in x 18.5 in x 23 in	EQUIVALENT SPECIFICATION TO BE APPROVED BY OWNER. NOTE THAT PREFERRED OPTION IS TO BE CSA APPROVED FOR HEATING CAPACITY BASED ON PROVIDED ENERGY REPORT

Drawing Title:

MECHANICAL / ELECTRICAL PLAN

Drawn by:
VERECO SMART GREEN HOMES
302, Salloum Crescent Saskatoon, SK S7W 1N1
www.vereco.ca
306.713-0795

Project:
TINY HOME
NLT CONSTRUCTION
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Date:
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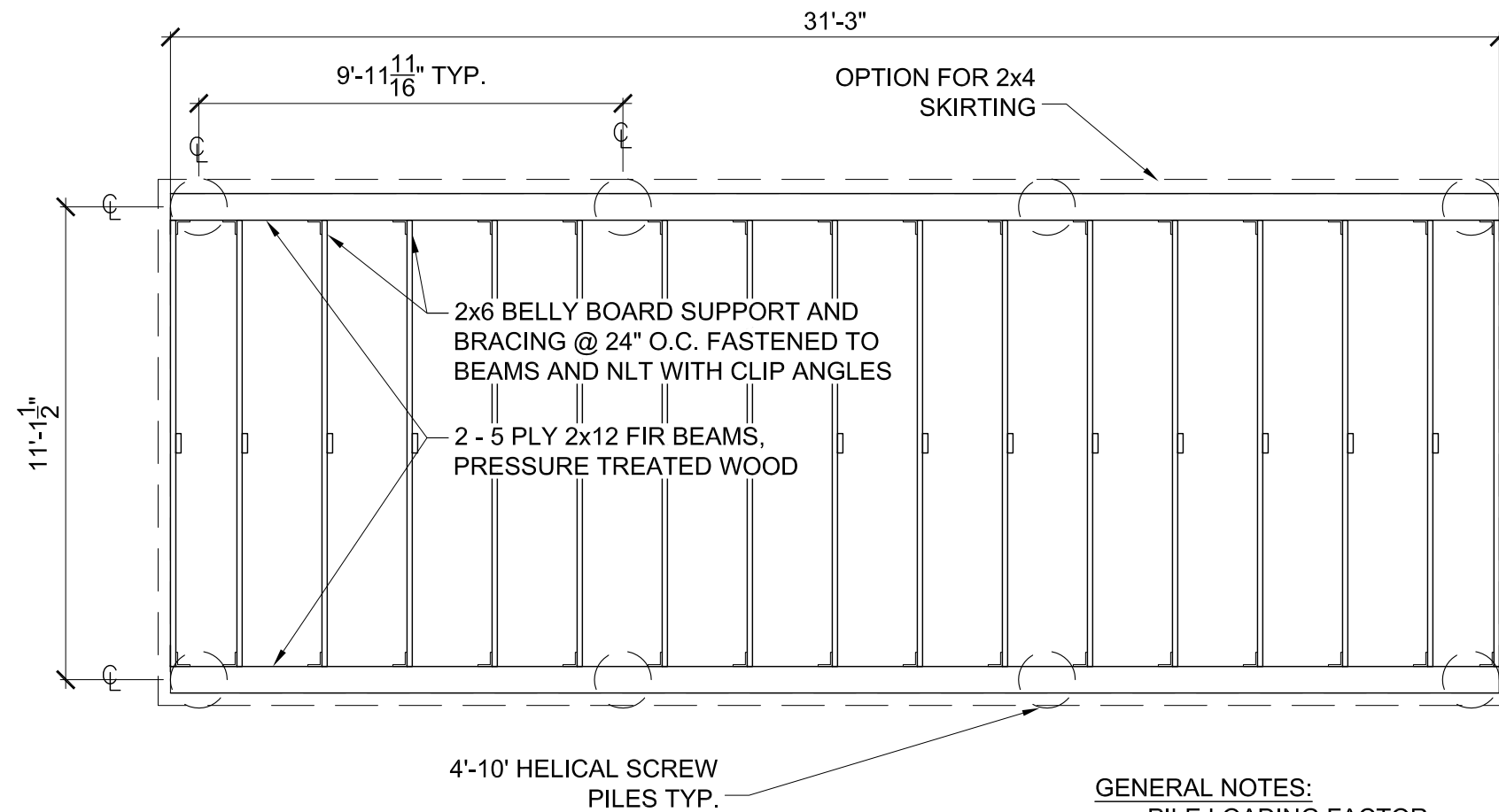
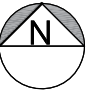
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GENERAL NOTES:

- PILE LOADING FACTOR = 75kN (TO BE DESIGNED BY AN ENGINEER OR ARCHITECT, STAMP REQ'D)
- SCREW PILE VENDOR TO SUPPLY SCREW PILE DESIGN AND COMMITMENT LETTER

Drawing Title:

FOUNDATION / CRAWLSPACE PLAN

Drawn by:
VERECO SMART GREEN HOMES
302, Salloum Crescent Saskatoon, SK S7W 1N1
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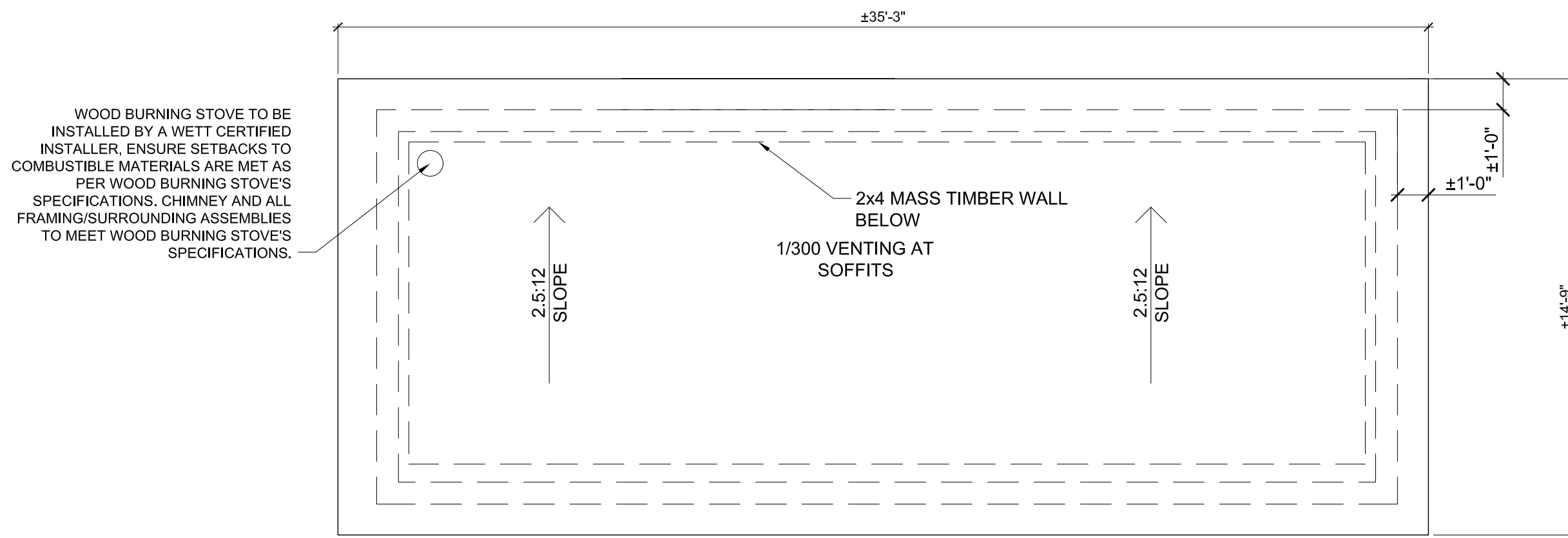
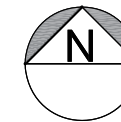
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Drawing Title:

ROOF PLAN

Drawn by:

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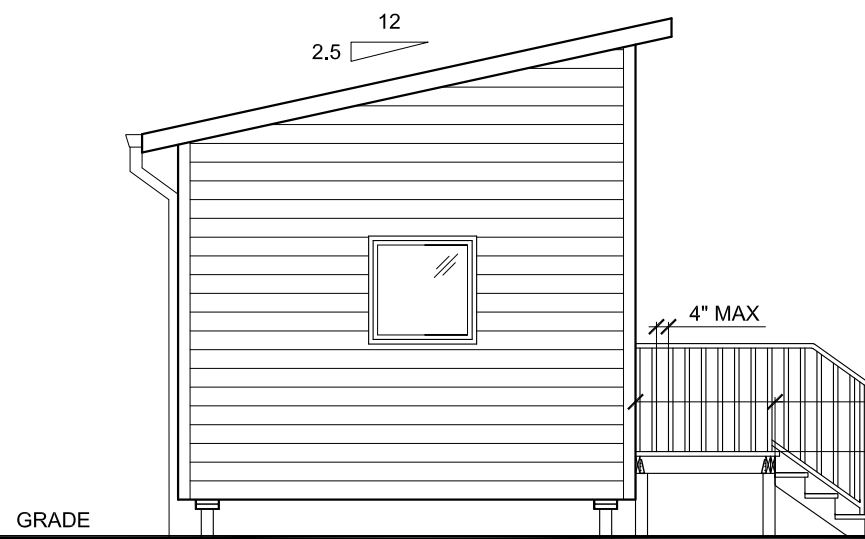
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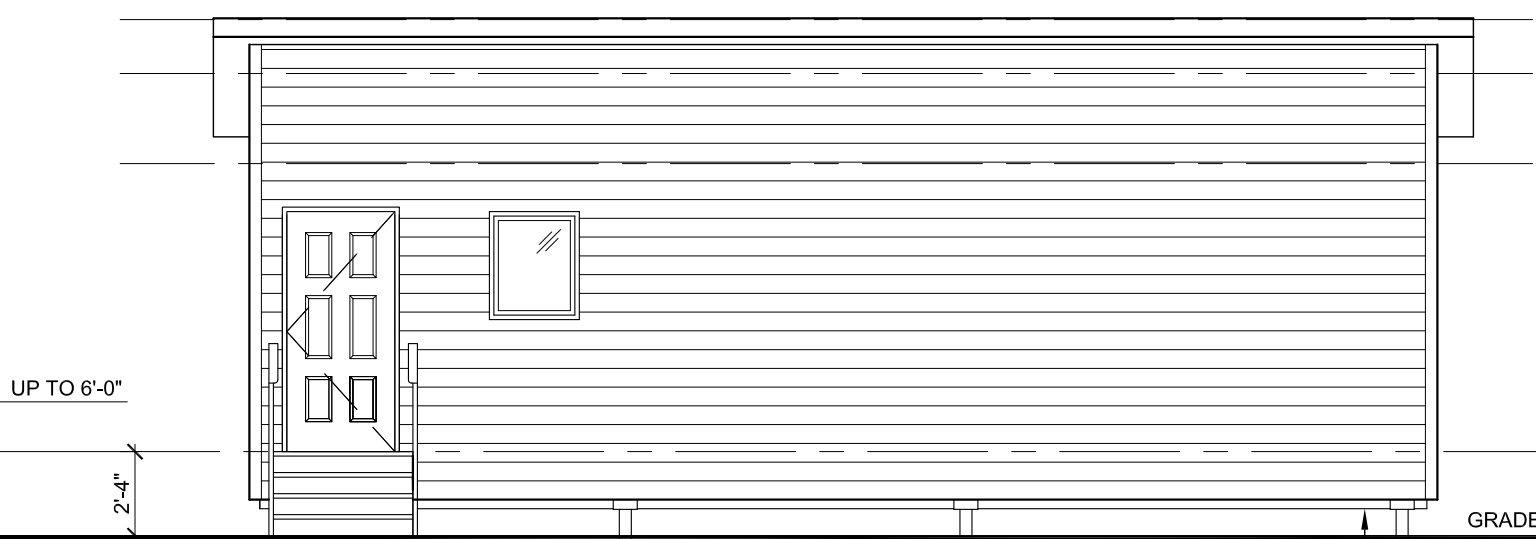
Revision:

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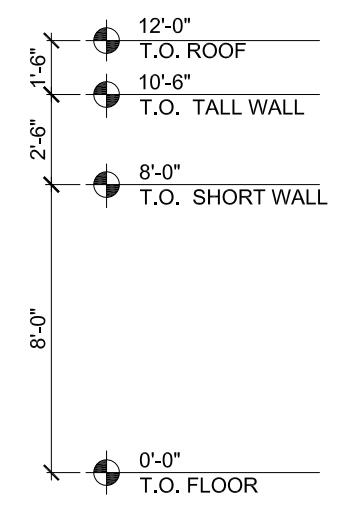




LANDING CONSTRUCTION
 - 2x6 DECKING (PERPENDICULAR TO JOISTS)
 - 2x6 JOISTS @ 16" o.c. (TO BE RESTING ON BEAM OR HANGERS REQUIRED AT LEDGER BOARD AND BEAM. MIN 1 1/2" BEARING REQ'D)
 - 2 PLY 2x6 BEAM (SPlicing DIRECTLY OVER POSTS)
 - 4x4 POSTS (DIRECTLY UNDER BEAM) ON DECK BLOCKS



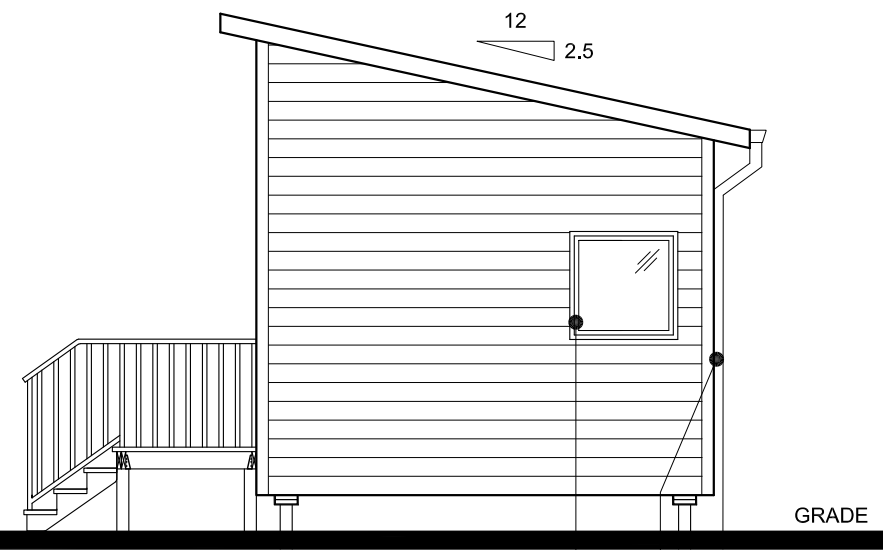
- ANY DECK/LANDING 24" ABOVE GRADE IS REQ'D TO HAVE A 36" HIGH GUARDRAIL
 - EXTERIOR STAIRS WITH 3 OR MORE RISERS, REQUIRE A CONTINUOUS HANDRAIL
 - MIN RISE 4 7/8", MAX RISE 7 7/8" (EACH RISE TO BE THE SAME)
 - MIN RUN 10" , MAX RUN 14" (EACH RUN TO BE THE SAME)



ALL WOOD ELEMENTS WITHIN 8" OF GRADE TO BE WATERPROOFED OR PRESSURE TREATED WOOD, TYP.

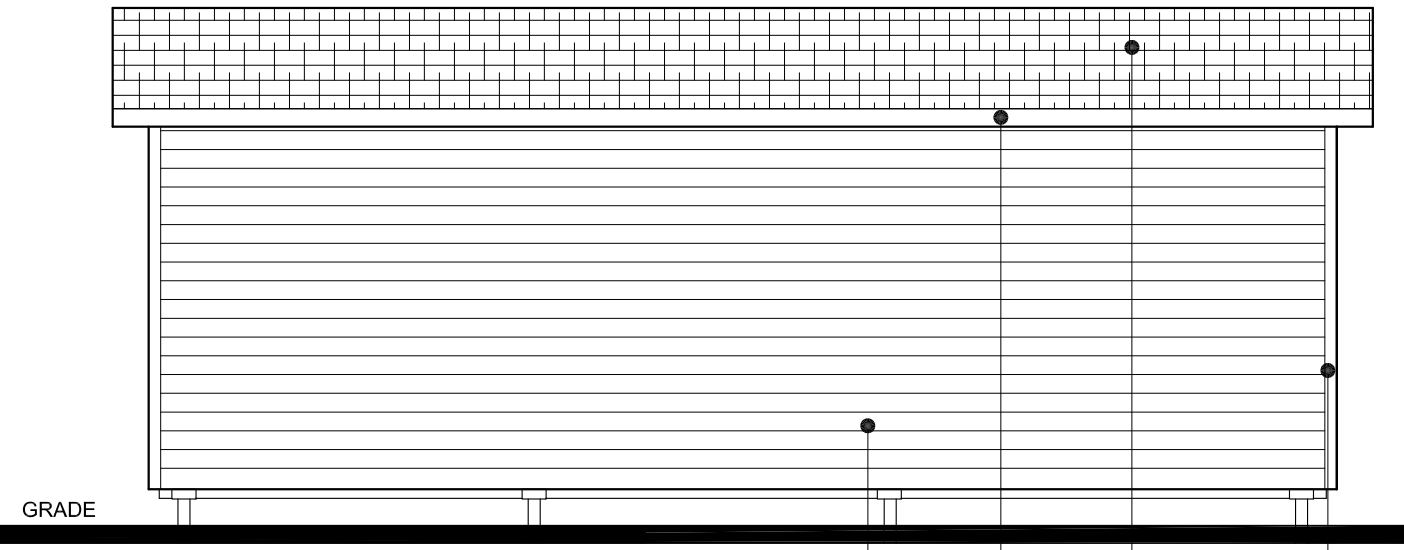
1 WEST EXTERIOR ELEVATION
 A3.0 SCALE: 3/16" = 1'-0"

2 SOUTH EXTERIOR ELEVATION
 A3.0 SCALE: 3/16" = 1'-0"



MATERIAL LEGEND

1	SHINGLES
2	PREFINISHED ALUMINUM CLAD WOOD FASCIA, COLOUR TBD
3	PVC WINDOW FRAMES
4	VINYL SIDING, COLOUR TBD (OTHER OPTIONS AVAILABLE)
5	CORNER BOARD, COLOUR TBD
6	PREFINISHED ALUMINUM EAVESTROUGH & DOWNSPOUT, COLOUR TBD



3 EAST EXTERIOR ELEVATION
 A3.0 SCALE: 3/16" = 1'-0"

4 NORTH EXTERIOR ELEVATION
 A3.0 SCALE: 3/16" = 1'-0"

Drawing Title:
EXTERIOR ELEVATIONS

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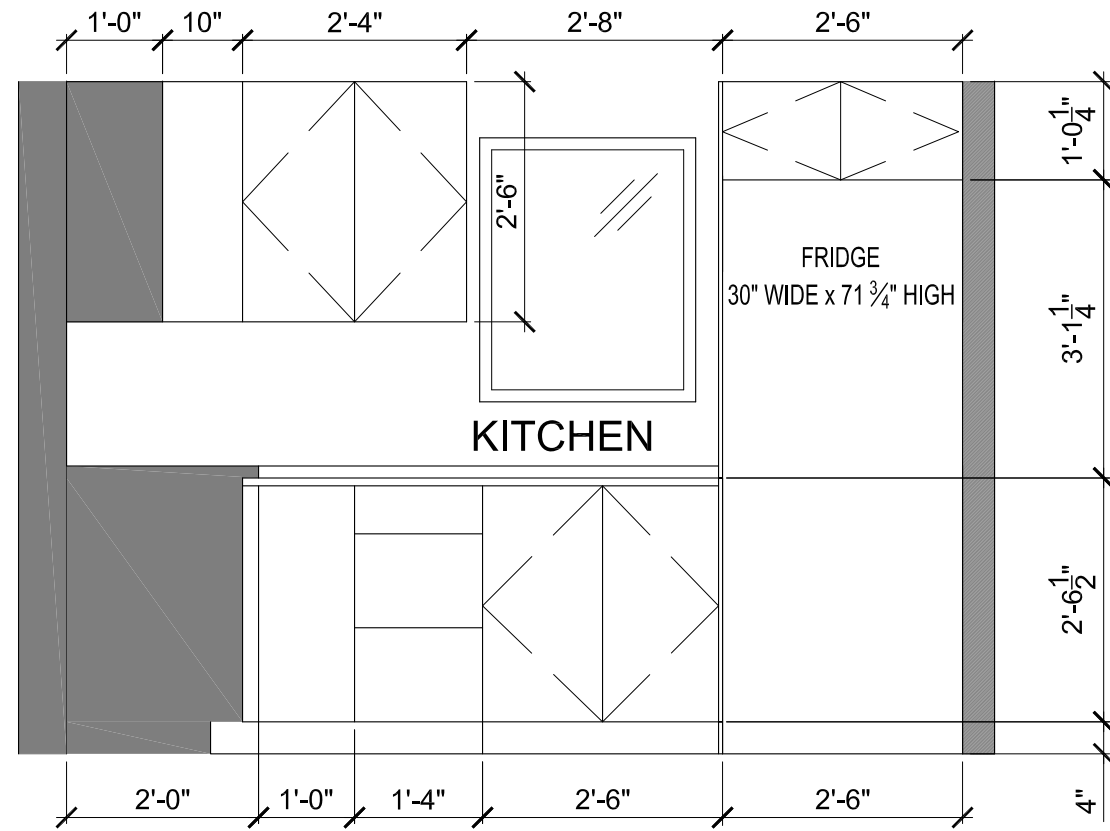
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Client:
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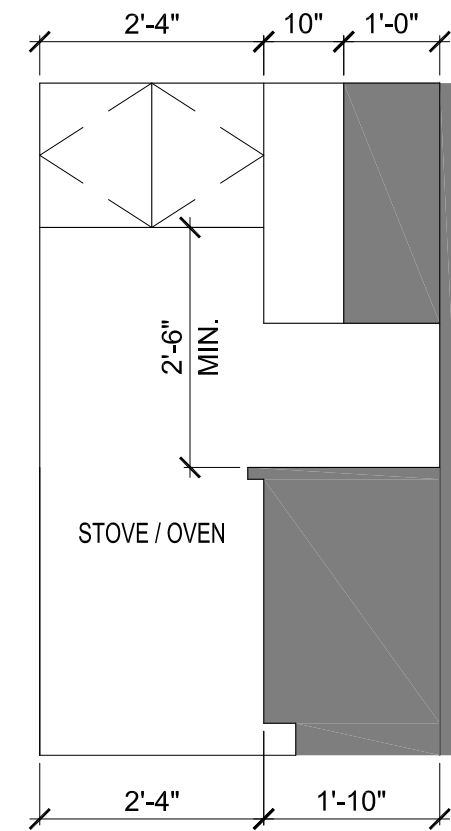
Drawing Number:
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1 KITCHEN (SOUTH)
INTERIOR ELEVATION
A3.1 SCALE: 1/2" = 1'-0"



2 KITCHEN (EAST)
INTERIOR ELEVATION
A3.1 SCALE: 1/2" = 1'-0"

Drawing Title:

INTERIOR KITCHEN ELEVATIONS

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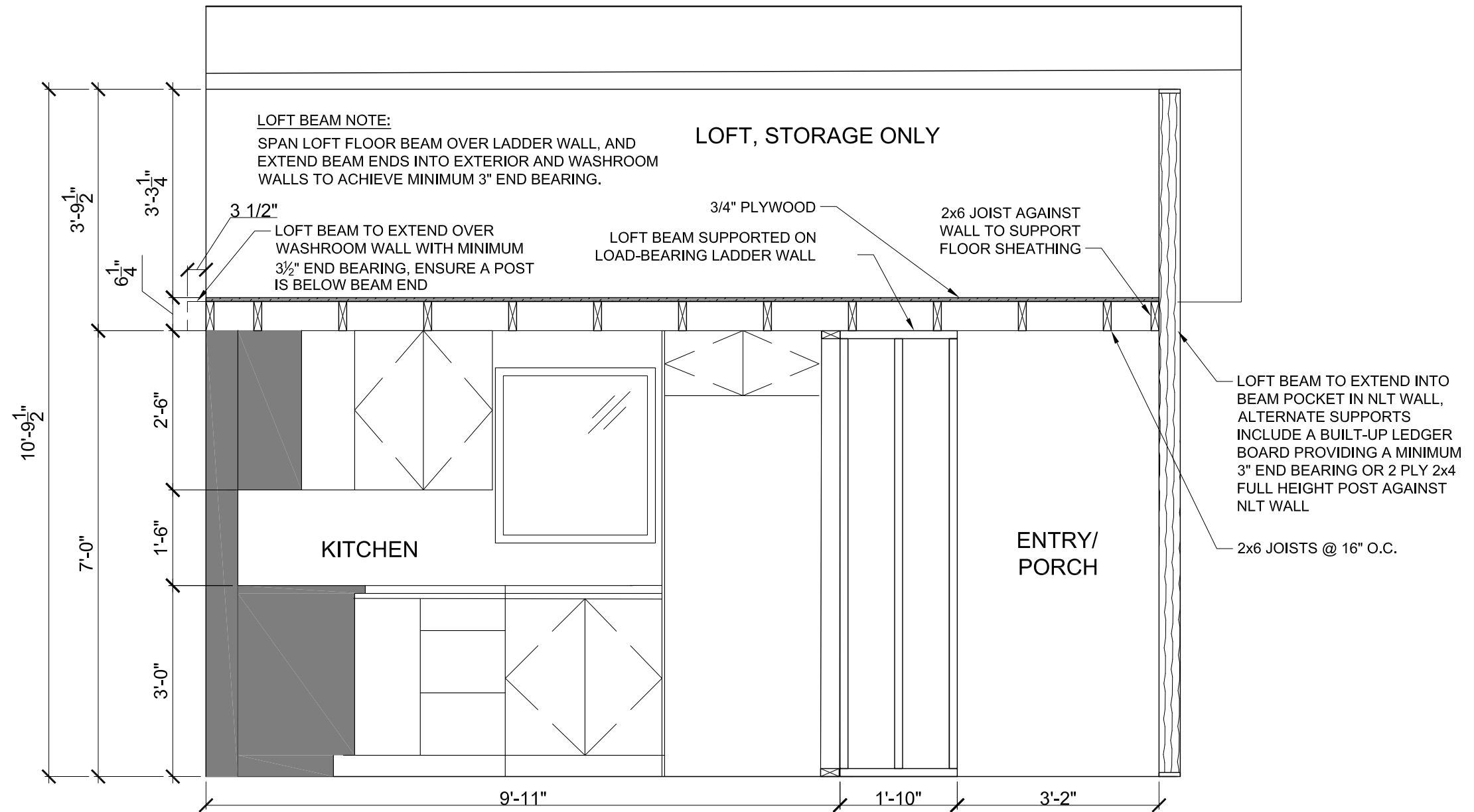
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1 LOFT ELEVATION
A3.2 SCALE: 1/2" = 1'-0"

Drawing Title:

LOFT ELEVATION

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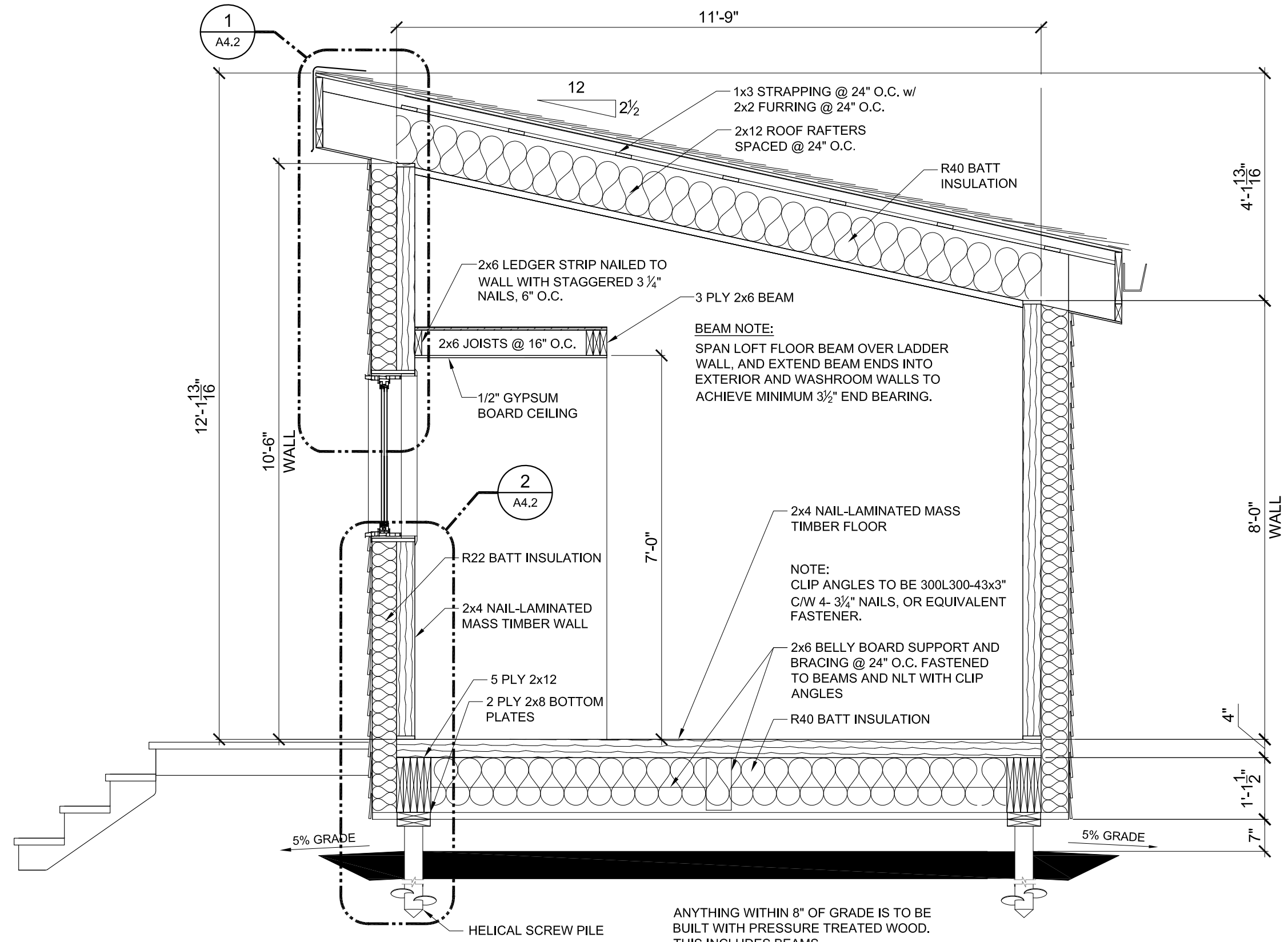
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Drawing Number:
A3.2

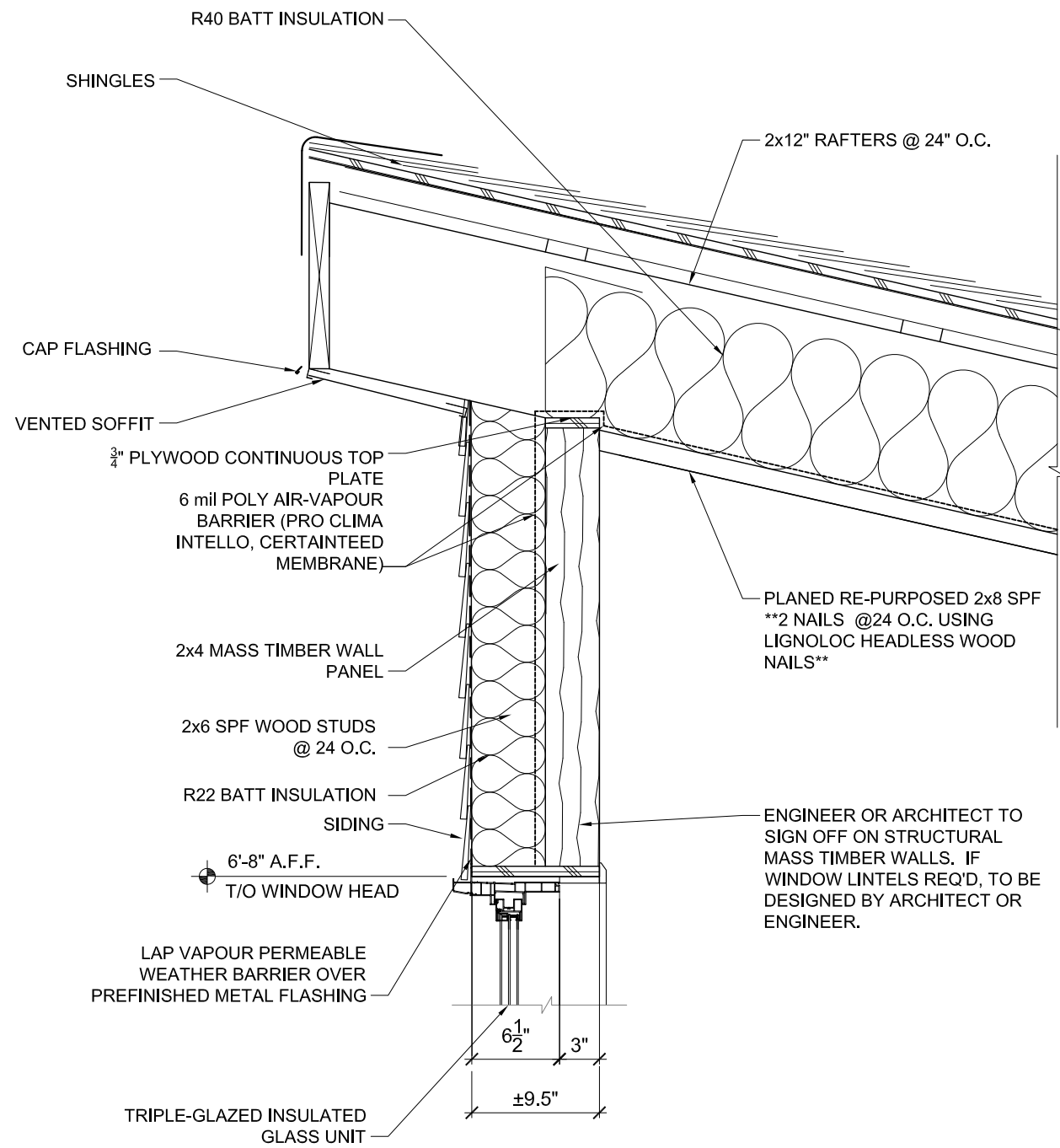
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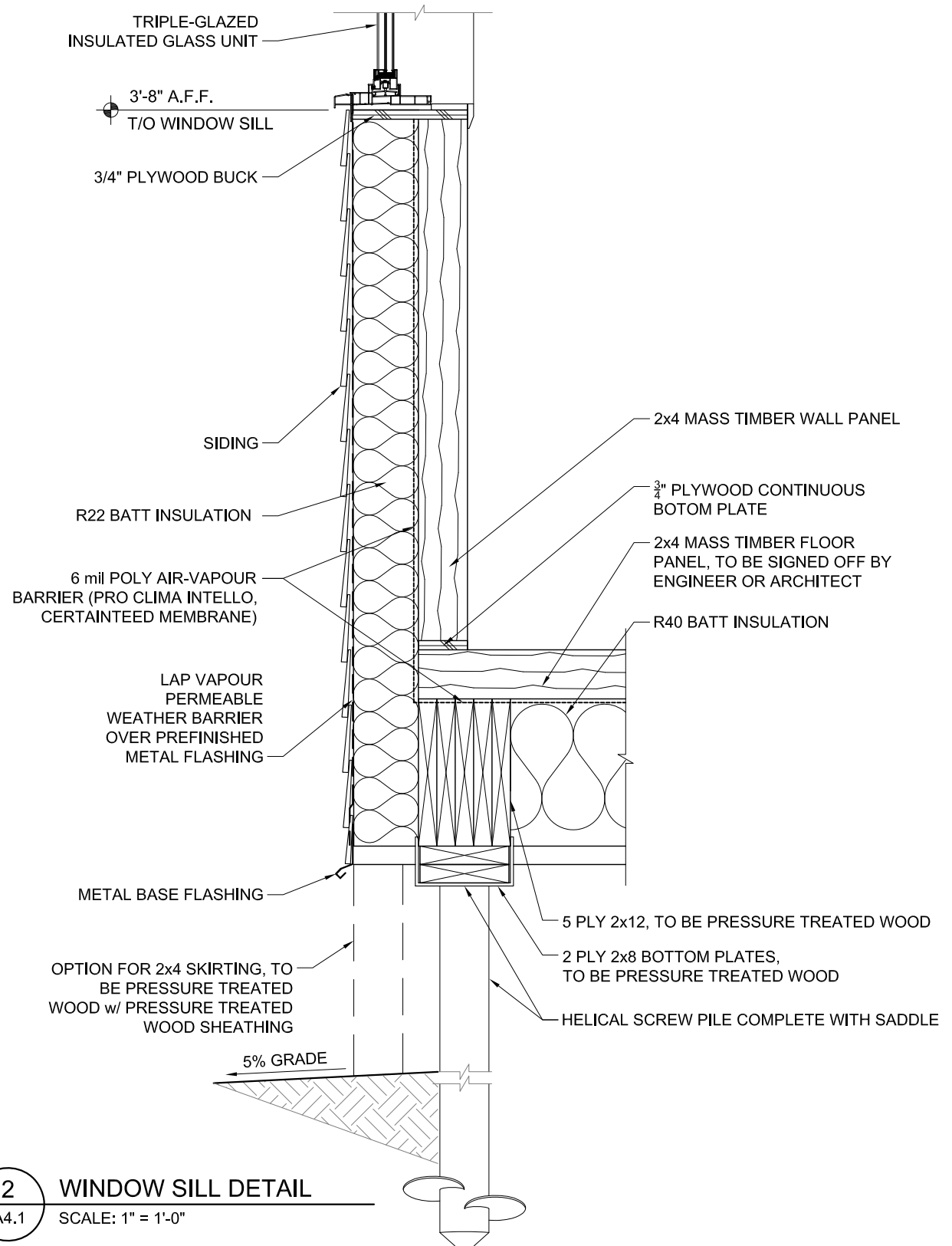


ANYTHING WITHIN 8" OF GRADE IS TO BE BUILT WITH PRESSURE TREATED WOOD. THIS INCLUDES BEAMS.

Drawing Title: <h1>BUILDING SECTION</h1>	Drawn by: VERECO SMART GREEN HOMES 302, Salloum Crescent Saskatoon, SK S7W 1N1 www.vereco.ca 306.713-0795	Project: TINY HOME NLT CONSTRUCTION NON-ACCESSIBLE	Date: MAR 04, 2025	
	Client: METIS NATION SASKATCHEWAN	Drawing Number: <h2>A4.0</h2>	Scale: 1/2" = 1'-0"	



1 WINDOW HEAD DETAIL
A4.1 SCALE: 1" = 1'-0"



2 WINDOW SILL DETAIL
A4.1 SCALE: 1" = 1'-0"

Drawing Title:

DETAILS

Drawn by:
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MAR 04, 2025

Scale: **AS SHOWN**

Client:
METIS NATION SASKATCHEWAN

Drawing Number:
A4.1

Revision:
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