



Checklist for

Constructing a Home

- ☐ **Approved Development Permit**
 - ✓ You can apply for your Building permit but we cannot review it until your Development Permit is approved. Please make sure your Development Permit application is already in Planit
- ☐ **New Home Warranty certificate or exemption letter**
 - ✓ <https://www.alberta.ca/new-home-warranty>
- ☐ **Construction Plans**
 - ✓ Detailed to show exactly how it is being constructed
- ☐ **Site Plan**
 - ✓ Including all setbacks and structure dimensions
- ☐ **Foundation Plans**
 - ✓ Footings, walls, column pads, weeping tile, damp proofing, reinforcement details and all other related details. Include sump pit location and radon gas rough-in details.
 - ☐ **Engineering is required for the following**
 - Concrete Pile and grade beam systems
 - Concrete Piles
 - Screw Piles
 - Preserved Wood Foundation
 - Concrete slab foundation that supports a residential structure
 - Polycore foundation
- ☐ **Floor Plan**
 - ✓ Dimensions and descriptions of all room and spaces; location and description of all fixed equipment or furniture.
 - ✓ Location of all smoke alarms and carbon monoxide alarms.
- ☐ **Additional approved Engineering stamped plans and specifications are required for the following:**
 - ✓ Tall Wall Framing over 3.6 metres (12 ft) in height Concrete Pile & Grade Beam system
 - ✓ Structural Insulated Panel Systems (SIPS)
 - ✓ Engineering letter or approval of the Manufactured Cultured Stonework, if applicable.
 - ✓ Note: Engineering approval maybe required for (ICF) systems
- ☐ **Roof Plan**
 - ✓ All Roof Framing including roof sheathing and roof finishes.
 - ✓ Pre-Manufactured Roof Framing Systems (TJI) package and Roof Ventilation information
 - ✓ Roof Truss Layout(s)
 - ✓ Roof Truss Detail Package

- **Floor Joist Layout**
 - ✓ This is often from the same company providing your roof plan information

- **Elevation Views & Cross Section & Detailed Plans**
 - ✓ Include views from all sides (front, rear, right, left), including exterior cladding details and roof finishes.
 - ✓ Cross Sections to include details of foundation wall, footing, framed walls, roof, and floors.
 - ✓ Stairs, including rise/run dimensions and headroom, bedroom window sizes, exterior doors and sizes.
 - ✓ Detailed drawings showing all parts that apply for the Energy Code Efficiency requirements.

- **Energy Efficiency Information**
 - ✓ If using the Prescriptive requirements as per the National Building Code 2023 – Alberta Edition.
 - ✓ If using the Performance method, then submit the Performance Path Energy package.
 - ✓ Energy Summary Form

- **Hydronic Heating Information**
 - ✓ Hydronic Heating Design Information, Pre-Engineered Package or Site Specific Designed, and shall include:
 - The schematic arrangement of the system and equipment specifications, such as boilers or pumps.
 - The mechanical room layout, location and sizes of all heat terminal units.
 - Cross section and floor plan showing the piping loops and type including insulation under the slab.
 - Room by room heat loss calculations and heat exchangers.

- **Other Required Items**
 - ✓ Wood Burning Fireplace Specifications
 - ✓ Wood Buring Fireplace Installation Manual

All documents will need to be uploaded through your [Planit Portal](#) account as part of your application process. Please upload as PDF documents.

Materials and Assemblies for all Compliance Paths		
Project Name:		PRESCRIPTIVE PATH
Project Address:		
Applicant:		
Applicant Address:		

In order to confirm compliance with Section 9.36 of the NBC-AB 2019, the checklist below is to be completed and submitted as part of any application for a Single Family. Trade off and Performance paths will also require a complete set of calculations to process. Incomplete information will delay the application processing.

BUILDING ENVELOPE 9.36.2						
WALLS	Member size, spacing O.C.	Interior Insulation	Exterior Sheathing	Exterior Insulation	Cladding	Effective RSI
Above Grade Assemblies						
Below Grade Wall						
Basement Slab above Frost Line						
Heated Slab						
Rim Boards						
FLOORS / ROOF	Insulation Type		Insulation Depth		Effective RSI Value	
Insulated floor above garage						
Cantilever						
Roof						
Air Barrier Type / Manufacturer	Interior-Impermeable		Exterior-Permeable			
FENESTRATIONS	Manufacturer		Energy Rating		U Value	
Windows						
Doors						
OH Doors					RSI Value	
HVAC REQUIREMENTS 9.36.3						
HEATING SYSTEM	Manufacturer	Model	Capacity (BTU)		% Efficiency	
Forced Air						
Boiler						
Cooling System						
Electric – Radiant						
HRV			CFM		%@-25°C	
SERVICE WATER HEATER 9.36.4						
	Manufacturer	Model	BTU		% Efficiency	
Storage Water						
Tank-less Heater						