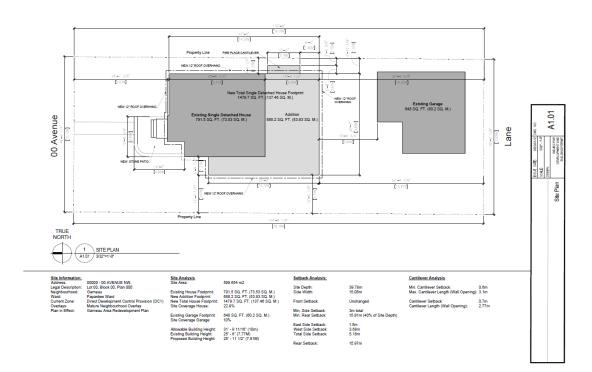


House Expansion and Additional Storey(s) additions require the drawings to include more information. Depending on the scope of the addition the drawings that are required will include Site Plan, Architectural Drawings (elevations, floor plans, sections) Engineered Designs, and any Energy Code requirements. Below is an example of architectural drawings. The dimensions can be in Meters or Feet/Inches, please use units consistently. For a full set of the sample drawings follow the link: <u>House Expansion and Additional Storey(s)</u>

### Site Plan Checklist:

<ul> <li>Property address</li> <li>Corresponding streets and avenues</li> <li>North arrow</li> <li>Caveats, Covenants and Easements</li> </ul>	<ul> <li>Property Measurements:</li> <li>Front property line</li> <li>Rear property line</li> <li>Left side property line</li> <li>Right Side property line</li> </ul>
Existing and Proposed Structure Measurements I width I length	<ul> <li>Existing and Proposed Structure</li> <li>Setbacks:</li> <li>Left side setback</li> <li>Right side setback</li> <li>Rear setback</li> <li>Front setback</li> <li>Distance between proposed and existing structures</li> </ul>





## **Elevation Drawings Checklist:**

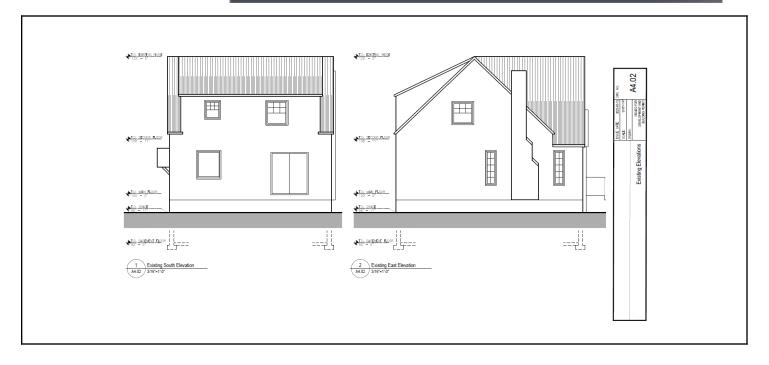
Supply both existing and new elevation drawings showing the changes.

View(s) of the structure (existing and proposed)	Proposed Addition Measurements
Finishing materials	Addition width
	Addition length
	Grade to top of finished floor
	Top of finished floor to bottom of eaves
	Bottom of eaves to roof ridge
	Eave sizes

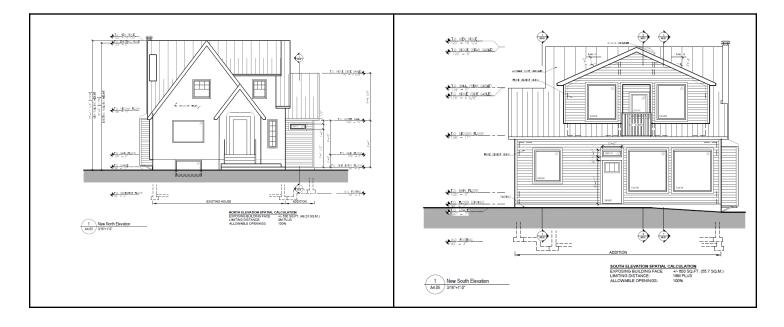
## Existing







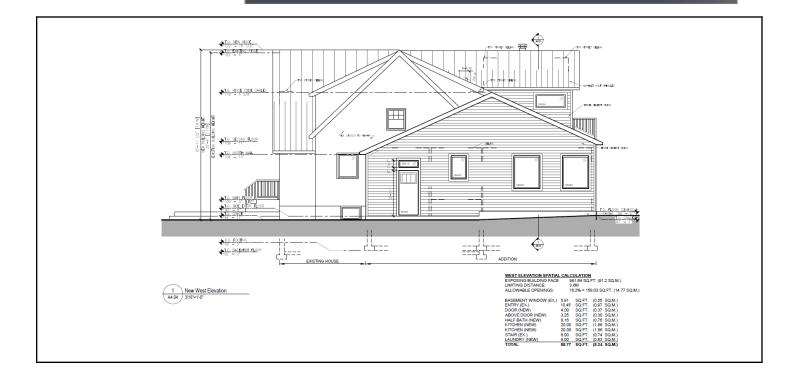
### New Elevations

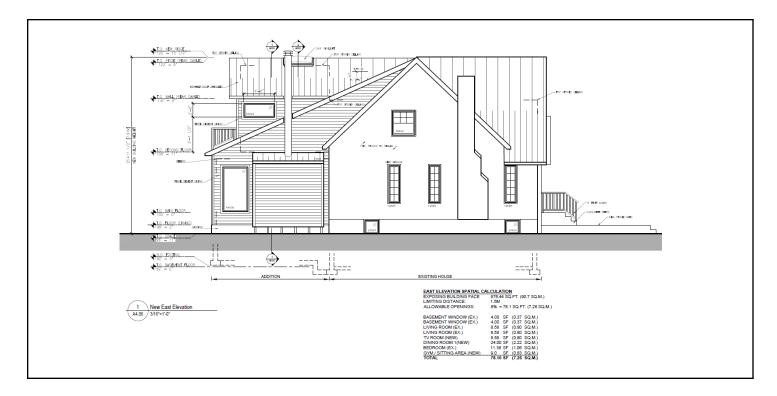




Sample Floor Plan and Elevation Drawings - Hand Drawn Addition - Home Improvement Permits

# Edmonton

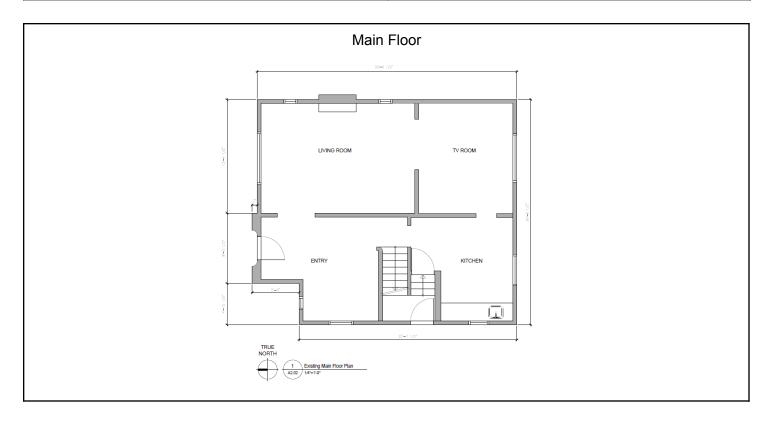




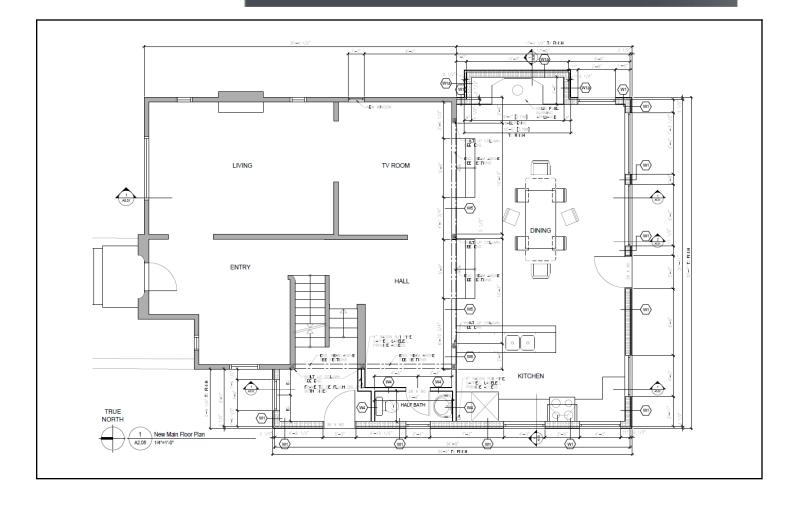


## Floor Plan Checklist:

	<ul> <li>Proposed addition floor layout including exterior dimensions</li> <li>Room labels</li> </ul>
--	-------------------------------------------------------------------------------------------------------



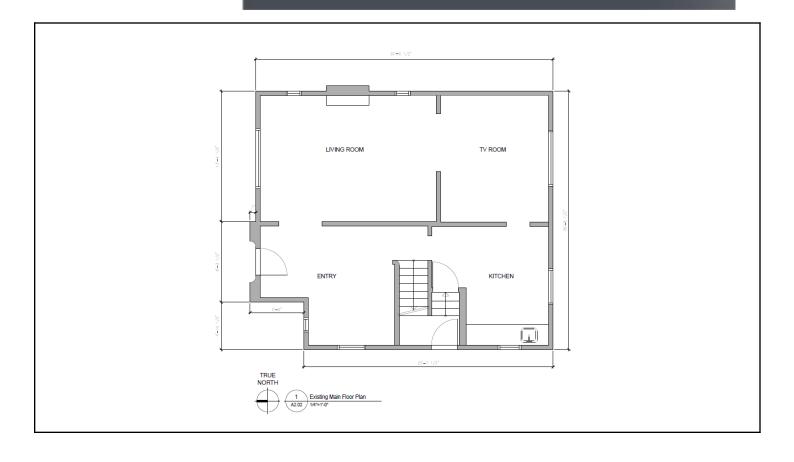




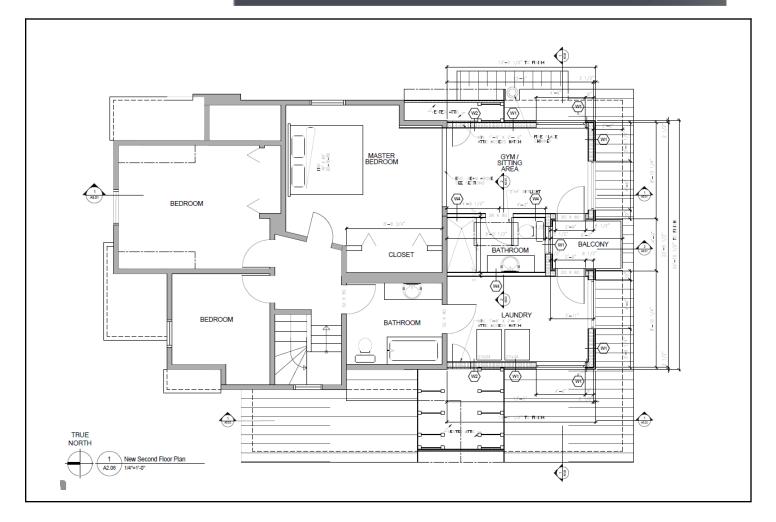




Edmonton



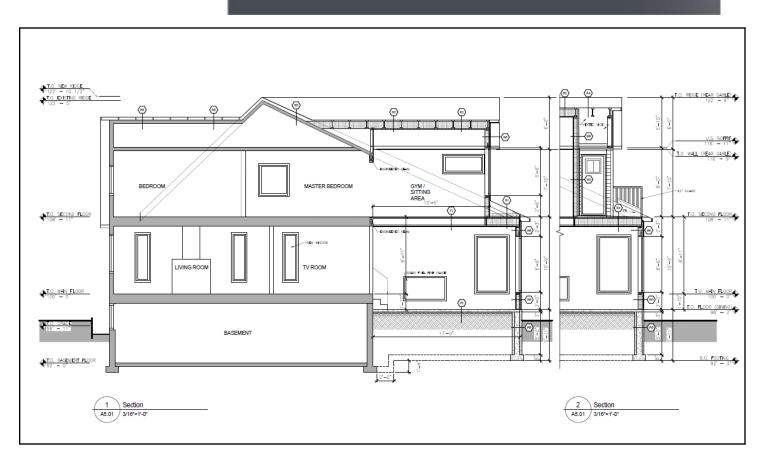




### Section

A Section is a view of a building that shows the structure sliced along an imaginary plane. They clarify building height, headroom heights, floor to floor heights, the building structure, etc. Details show more views of parts of the building.	<ul> <li>Sections and details drawings must include:</li> <li>Sections through the highest roof structure and other locations as needed to clarify construction including headroom under roofs of half-storeys</li> <li>Fully-labeled sections of all assemblies forming floors, walls, roofs, including assemblies corresponding to NBC(AE) 9.36 Clearly-defined position of air barrier on the assembly details</li> </ul>
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------





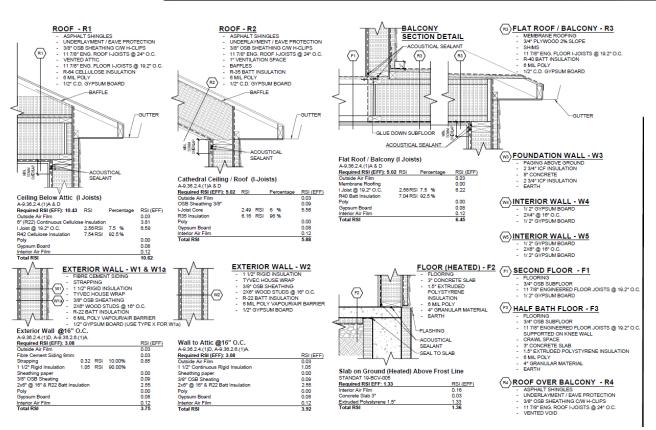
## **Energy Details**

This shows the insulation efficiency of the property including the RSI calculations. Required for alterations if the original building permit was issued after October 31, 2016; National Building Code (Alberta Edition), Section 9.36 or NECB as applicable. See more in Energy Code Requirements	<ul> <li>Effective thermal resistance (ETR) calculations for all proposed above-ground AND below grade/in-ground-contact opaque assemblies, in Metric RSI. Ensure any unheated attached garage minimum required insulation is shown. Show source(s) used to generate the ETR values, such as</li> <li>NBC(AE) A-9.36.2;</li> </ul>
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------



#### Sample Floor Plan and Elevation Drawings - Hand Drawn Addition - Home Improvement Permits

**Edmonton** 



For a full set of the sample drawings follow the link: <u>House Expansion and Additional Storey(s)</u>