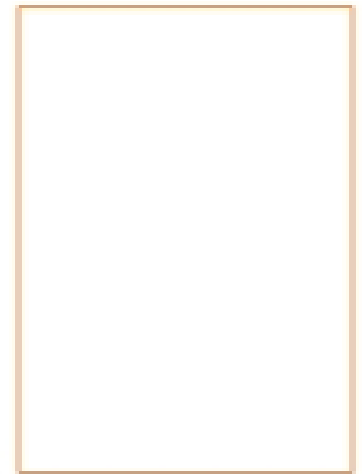


DESIGN SERVICE CHECK LIST

RSM DRAFTING SERVICES LTD. 2017



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Design Checklist

The objective of using this checklist is to create a preliminary drawing that is as close as reasonably possible to the final product. If the alternatives are considered in the first interviews with the client then later changes will be minimized. This list is not intended to be complete in itself, but to serve as a base for adding each client's unique wishes.

General Considerations:

- Site orientation: North, aspect, views, vegetation
- Footprint: side slope, slope position, entry points
- Source of Potable water
- Sewer
- Access points, parking
- Existing structures on property
- Services access: water, gas, electricity, sewer, communication, fire protection
- Plot Plan
 - HOP
 - Zoning
 - Density
 - Set backs
 - Front
 - Sides
 - Rear
- Height restriction
- Allowable site coverage
- Any special set backs-water course, lakes, no build areas, etc.
- Any other existing uses on the build area that may effect construction
- Soil Conditions
 - Geo-tech
- Development Permit requirements
- Interface fire protection
- Engineering- Structural

Foundation:

Type: poured concrete or other (i.e.: Logix or Superior type)
Special consideration: fireplaces, other reinforced footprint areas
Deck support (Log or dimensioned lumber, footing)
Slab-on-grade, crawl space, full basement, finished or unfinished
Location of frost line, water table

Floor:

Joist material and orientation
dimensioned
engineered wood products
Sub floor
Finish floor

Decks:

Beams
Log
Dimensioned
Support joists
dimensioned
engineered wood products
Covered or Exposed
Deck floor material
Handrail type
Log
Frame
Other

Stairs
Log
dimensioned wood

Construction

Log
Frame
Other

Main Floor

Settling factor
 Species, size
 Gain
 Walls: maximum length without notch
 Interior walls: type, size, interface with log (log or framed)
 Ceiling beams (upper floor joists): orientation
 Support posts
 Purlins
 Trusses: style, function, joinery
 Non-structural log work
 Notch style, extension style, extension length
 Scarf size, style
 Stair Construction (Log Frame)
 Orientation of half logs
 Door and window types, r.o. requirements, distance from notches
 Door and window trim

Second floor:

Settling factor
 Species, size
 Gain
 Walls: maximum length without notch
 Interior walls: type, size, interface with log (log or framed)
 Ceiling beams (upper floor joists): orientation
 Support posts
 Purlins
 Trusses: style, function, joinery
 Non-structural log work
 Notch style, extension style, extension length
 Scarf size, style
 Stair Construction (Log Frame)
 Orientation of half logs
 Door and window types, r.o. requirements, distance from notches
 Door and window trim

Roof Structure

Construction Type:

Ridge Pole

Purlins

Rafters

truss type

Strapping

Pitch

Insulation

Batting

Spray foam

Styrofoam

Overhang

Dormers: type, material see above

Orientation of plates and gables

Flashing

Other Considerations

Fireplaces

Chimneys: type, location

Plumbing components, bathroom layouts

Kitchen layout and appliances, cabinets

HVAC system(s)

Garages, carports, workshops

Special electrical requirements

Customer contact information

Establish a timeframe for design work

Contacted a Structural Engineer

Landscaper/interface fire protection

“We Draw Your Dreams”

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Additional information: