

Now hiring.

HVAC Designer



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The HVAC Designer is responsible for transforming the building needs and desires of the client into realistic schematics, layouts and plans for execution.

The New Home Designer specializing in mechanical & energy will also complete HVAC design and coordination, energy modelling coordination, net zero planning and building science development, as well as electrical design and coordination.

Reporting Structure:

- Manager of New Home Design and Decor
- No Direct reports. Works in close coordination with other members of the Design team, plus all other departments.

Education and Qualifications:

- Post secondary education in Architectural Technology or other equivalent studies and experience
- Knowledge in HVAC principles

Required Knowledge/Skills:

- Proficient in Revit and excel, and ability to maintain good email organization
- Working knowledge of ventilation principals, HVAC systems and physics of building science are an asset
- Willingness to learn new computer programs
- Open minded and team focused approach to tackling projects
- Ability to adapt to changes quickly, while maintaining company/design team values
- Exceptional organizational abilities with task prioritization, multi-tasking and time management techniques
- Good understanding of co-worker's tasks to ensure everyone's time is being used effectively and prioritized
- Ability to work individually, as well as a strong team player and a good leader & mentor
- Effective verbal & written communication skills
- Ability to reflect and adapt on one's own work, as well as the wider consequences of company decisions
- Help build on the customer for life philosophy by providing excellent customer



Essential Functions/Duties and Key Responsibilities

- Design activities inclusive of submission of building permits
- Work from client drawings, and elevation to create custom designs according to DTL specs
- Development of new standard plans with Design team
- Develop & maintain standard plans for mechanical layouts. Coordinate the accurate calculation of HLHG (heat loss heat gain) metrics, maintaining “right sizing” of mechanicals for each individual home’s construction
- Develop forced air system design standards, mechanical ventilation standards and best practices for installation
- Facilitate routine feedback with HVAC, plumbing & electrical trades for quality assurance onsite
- Strategize warranty solutions and recommend action plans
- Refinement of functional floorplan design to meet mechanical installation needs
- Routine communication with equipment manufacturers
- Develop a ventilation strategy for standard plans
- Home Energy modelling/Home Performance coordination
- Confirm net zero homes are meeting Gigajoule (GJ) targets
- Assessment/planning of DTL standards to meet Energy Performance requirements, and Net Zero ready construction
- Net zero Ready/Net Zero planning & solar partner coordination

General Responsibilities:

- Follow and consistently demonstrate Doug Tarry Limited core values.
- Ensure the Doug Tarry brand, Core Values, and Doug Tarry Difference are represented in all aspects of HVAC and design.
- Strong commitment to meet and complete tasks in a timely manner.
- Develop and maintain ethical and professional relationships with staff, consultants, vendors, subcontractors, and Bodies of Authority.
- Foster an environment of collaboration and continuous improvement following lean principles to implement strategies to improve cost effectiveness, production and customer satisfaction.
- Maintain a current detailed knowledge of all applicable codes, standards, acts and regulations.
- Follow current policies, procedures and processes.
- Foster a healthy working environment for DTL staff as well as anyone entering the site.
- Take the approach that at times, additional time and effort will be required to achieve a task that has sensitive deadlines.
- Demonstrate commitment to sustainability and innovation initiatives.
- Help build on the customer for life philosophy by providing excellent customer service
- Perform other duties as assigned

Work / Life Balance:

- Overtime is not forbidden; however chronic overtime is strongly discouraged and if necessary, overtime hours will require approval from immediate supervisor
- Employee must ensure an appropriate work / life balance and holidays are to be scheduled and taken
- The employee is encouraged to participate in the Employee Wellness Plan

If you meet the qualifications needed for this position, we invite you to submit an application to our organization. At Doug Tarry Limited, we are a team, we hold each other accountable to our values. We are a forward-thinking organization that is rapidly advancing in the high-performance sustainability sector and need like-minded individuals to work with our stellar team! *We thank all applicants for their interest, however only those candidates selected for interviews will be contacted.*

