

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

hourly wage is \$25 to \$27 per hour

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.*

