

SAM DEKKO

P.ENG. (ONTARIO) · ING. (QUÉBEC)

SEALED MECHANICAL DESIGN & PERMIT DRAWINGS — HVAC / PLUMBING / FIRE PROTECTION



Stamped, permit-ready mechanical design delivered fast to contractors, developers, architects, and building owners. Fifteen-plus years across consulting and construction means drawings arrive constructible, coordinated, and priced with the site in mind.

15+ YEARS IN PRACTICE	\$1.2B+ PROJECT PORTFOLIO	37+ PERMITS SEALED AS EOR	EN-FR BILINGUAL DELIVERY
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SERVICES

Sealed design & permit packages: complete HVAC, plumbing, and fire protection design to OBC 2024 and NPC/CCQ, drawings, load calcs, schedules, and code documentation ready for AHJ submission.

Design-build support: design checks, value engineering with documented cost comparisons, design RFIs, shop-drawing-ready detailing.

Revit MEP production: full modeling from PDF/CAD backgrounds, coordinated construction documents, automated pyRevit takeoffs.

Estimation: quantity takeoffs, labour and material pricing, schedules of values for bids and change orders.

Analysis & system studies: loads (Carrier HAP), hydraulics and compressed air (AFT Fathom/Arrow), NFPA 13, geothermal, chiller plant, air-source and hybrid heat pump selection.

Overflow capacity: white-label design and Revit production for engineering firms and architects, under your direction and seal.

SELECTED WORK

PROJECT	VALUE	SCOPE
Stone Abbey, Ottawa	\$45M	Design-build M&E, condos and townhomes integrating a heritage church
Shepherds of Good Hope, Ottawa	\$8M	M&E delivery, supportive housing, commercial kitchen ventilation, NFPA 13
Habitations Palerme, Montréal	\$6M	31-unit residential, plumbing design and delivery, hybrid HP domestic hot water
Golf club maintenance facility, QC	\$650K	Sealed permit set, compressed air network engineered in AFT Arrow

Built, not just used: custom pyRevit takeoff suite, NPC 2020 riser and water-supply sizing engines, Revit API add-ins. When the workflow doesn't exist, I build it.

ENGINEER OF RECORD

SAM DEKKO, P.Eng., ing.

CONTACT

437-269-6660 ·
samirdekk@gmail.com

WEB

sdekk-peng.com