



PROJECT TEAM

DESIGN TEAM – Diamond Schmitt Architects

CONTRACTOR – Matheson Constructors

87% REDUCTION IN OPERATIONAL CARBON (VS BASELINE)

20% REDUCTION IN EMBODIED CARBON INTENSITY (VS INDUSTRY STANDARD)

THERMAL ENERGY DEMAND INTENSITY (TEDi) – 23.9 KWH/M2

57% IMPROVEMENT IN TOTAL ENERGY INTENSITY

> 1,000 MWH/YEAR ANNUAL ENERGY SAVINGS

DOCKSTEADER PARAMEDIC REPORTING STATION

6 DOCKSTEADER ROAD, BRAMPTON, ON

REGION OF PEEL

<https://dsai.ca/projects/docksteader-paramedic-reporting-station>

- Solar wall installation used to preheat air before entering HVAC system
- Air source heat pump (ASHP) for heating & cooling with electrical backup
- Heat recovery ventilation technologies
- Natural ventilation via mechanized windows combined with DOAS
- EV charging onsite; future-ready for EV ambulance fleet
- High-performance building envelope
- Future-Proofed for 1 MW solar PV installation



MOVING TOWARDS NET ZERO BUILDINGS

