



# NCBFO

## Oct 6, 2022

### Ottawa, Ontario

Ongoing Commissioning with Analytics –  
Owners Perspective  
Eli Miller, P.Eng.  
Hullmark



# Outline

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1. Commissioning History
2. Hullmark's Process and Project Philosophy
3. Why we commission
4. 80 Atlantic
5. Ongoing Commissioning

# Eli's Commissioning History

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1. Dad was an auto mechanic (practical)
2. Queen's Engineering (theoretical)
3. Defence Construction Canada – worlds
  1. Energy Performance Contracting
  2. Embedded commissioning as a direct service to DND
4. Application of these same principals throughout career



# Hullmark's Process and Project Philosophy

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Hullmark is a real estate investment and development team that is committed to shaping a vibrant and transforming urban Toronto. We are committed to innovation, design-led projects, that drive impact.

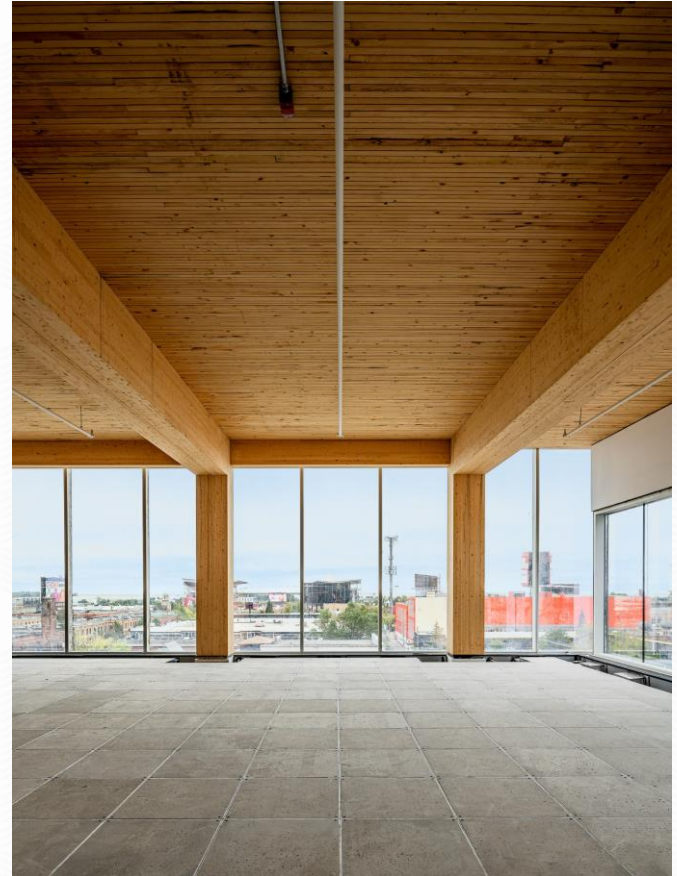
# Why We commission

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1. Preserve the capital investment
2. Quality Control, Quality Assurance
3. Say what we do, do what we say
4. Deliver on our commitments
5. Scalability – integration into our operating platform

# 80 Atlantic

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# Ongoing Commissioning

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1. Use of Analytics To Drive Insights into Operation
2. Continuous improvement
3. Asset Management & Preservation
4. Tenant / Partner Engagement
5. Preventative vs On Demand Maintenance Programs



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