

FTD HIGHRISE INSPECTION INC.

Complete building scans using robots.

CASE STUDY 500 AVENUE RD



SUMMARY

Property Manager Mike Lapointe was looking for a solution to conduct a visual inspection of the building envelope and agreed that it would be a good investment to scan his East wall for issues in conjunction with the typical engineering binocular inspection. The building was 55 years old and had begun to show signs of its age, issues such as leaking and brick spalling has been noted in the past. Mike wanted to get a more accurate picture of the how much the problems were affecting his building.

In just 8 hours:

- FTD Highrise was able to capture over 500 images covering the entire East elevation
- An engineering professional reviewed the images taken by FTD Highrise.
- The engineering professional prepared an accurate and comprehensive summary report for repairs and associated costs.

Before



After

"As with most property managers we approach, Mike understood the value in capturing visual data of as much of the building exterior as possible. Utilizing robotic technology is the new, safe, and cost efficient way to preventing issues before they become major, costly problems.

Filip Sobotka, Vice-President and Co-Founder
FTD Highrise

"Engaging FTD Highrise really opened our eyes to how we can leverage technology to gain greater insights into the condition of our building and strategically develop and implement preventative and restorative plans. We didn't realize how much money we can save by working with a true partner that understands and has the experience to deal with these requirements. They made the whole process painless and acted with our best interest in mind."

Mike Lapointe, Property Manager, 500 Avenue Rd.

KEY FINDINGS

OUT OF 516 TOTAL IMAGES, 74 IMAGES SHOWED DETAILED DETERIORATIONS AND DEFICIENCIES AS NOTED IN THE SUMMARY OF OBSERVATIONS BY ENGINEERING CONSULTANTS.

Brick Masonry: Localized brick spalling and peeling coating to glazed brick were noted

Flashing: Window sill flashings and signs of corrosion and rust staining were identified

Concrete: Roof parapets have missing and peeling coating. Hairline cracking.

Sealant: A variety of sealant types were noted indicating installation at various times.

Windows: Poorly detailed and deteriorated sealant is a general condition around most units.



CASE STUDY 500 Avenue Rd.

Full Building Scan

Drop 14 Floor 12 Image 488

Comments:

- cracks to roof parapet

Drop 5 Floor 10 Image 272

Comments:

- rust staining at window sill flashing



Drop 4 Floor 5 Image 496

Comments:

- moustache staining at slab edge



Drop 14 Floor 3 Image 496

Comments:

- moustache staining at slab edge

CASE STUDY

500 Avenue Rd.



FTD HIGHRISE
INSPECTION INC.

WWW.FTDHIGHRISE.COM