Facility: 25 Grosvenor

25 Grosvenor Toronto, Ontario

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Contact Telephone:

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Date of Last Inspection: May 7, 2003

Type of Building: Offices

Type of Neighborhood:



		List	of Ro	oof Sections		
Photo	Section/ Name/ Year installed	Sq. Ft.	Height	System Type	Condition Index	Estimated Replacement Value
	MAIN Main 1990	15,000	200 ft.	Conventional Mod Bit - Hot applied	4	\$262,500
		15,000				\$262,500

		Recomme	endation	ıs - Sumn	nary	
Section	Budget Year	Type of Activity	Action Item?	Allocation	Urgency	Budget \$
MAIN	2003	Replacement				\$250,000
						\$250,000

				Tota	l Budş	gets				
Section	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
MAIN	\$250,000									
	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Designation: MAIN

Roof Name: Main

Roof Size: 15,000 sq. ft.

Est. Replacement Cost: \$262,500

Existing System Type: Conventional Mod Bit - Hot applied

Year Installed: 1990 (Estimated)

Height: 200 feet

Slope:

Interior Sensitivity:

Condition Index: 4

Drainage: Inadequate

Currently Leaking? Yes

History of Leaking? Yes

Roof Condition Summary phenolic insulation used in roof assembly

roof system saturated

flashing details used at window washing supports probable source of

water penetration

reglet detail at interior wall and parapet wall probable source of water

penetration.



Existin	ng Roof System Constr	uction
Layer Type	Description	Method of Attachment
Deck	Concrete	
Vapor retarder	2 ply hot	
Insulation	4" Phenolic	
Membrane	Modified bitumen	

	Overall Core Condition
Phenolic insulation saturated.	

		Core photos
Photo	Date	Description
*	May 7, 2003	Core cut #1

	Overall F	Roof Inspection As	sessments
Date	Inspection Type	Inspecting Company	Inspector Name
May 7, 2003	Roof Survey	Aegis Building Sciences	Alistair Wilson B.Sc.
Inspector Comments:	the present condition of the employed to determine the 1) Visual inspection of t 2) Visual inspection of t	roof systems on this facility. The f condition of the roof system: he interior of the facility to determine he roof surface to ascertain membra	
	4) Electrical capacitanc 5) Probe tests of roof sy	letermine roof system composition e testing of the roof system to deter ystem to determine moisture conten	at of roof system.
	appeared to have identical if for the mechanical penthou	modified bitumen membrane roof see are installed on metal decks.	ouse roof system. All of the roof systems ystems with the exception that the roof decks
	inches of phenolic insulation system. There was no report is in excess of ten years of a was reported that there is an at that this roof system has no It was observed that occura such as caulking replaceme	on, one half inch fibreboard coverboard of the exact age of this roof system age. The roof system was observed an extensive history of reported roof to received sufficient repairs and mances of mechanical damage has been and refilling pitch pockets have	sist of a concrete deck, vapour barrier four bard and a modified bitumen membrane im however it is probable that the roof system it to be leaking at the time of inspection and it fleaks from the main roof area. It was evident untenance procedures during its service life, en left unrepaired and maintenance procedures not been performed. This lack of maintenance bable source of water entry into the roof
	of the roof system has sever window washing track set of roof system. It is evident the	ral probable sources of water penet onto concrete supports. These supp nat the caulking details have failed a ous locations throughout the main	completely saturated with water. This failure ration. The roof design incorporates a ports utilize caulking to seal the detail to the and allowed water into the roof sytem. The roof area and are a probable source of water

ate	Inspection Type	Inspecting C	ompany	Inspector Na	me
	It has widely been reported It is probable that the lead	ed that phenolic insu	ulation will release co	rrosive materials whe	en exposed to water.
	Conclusions				
	The roof system on the mroof has not received suffinot been properly mainta	ficient maintenance/	repairs and the desig	n details used in the c	
	Rec	commenda	tions - Deta	ails	
Budget Year	Type of Activity	Action Item?	Allocation	Urgency	Budget
	Details				
2003	Replacement				\$250,00
	The roof system on the mareturn this roof to a reliable been properly maintained recommendation of this mare replacement roof system concrete deck. The replacement roof system watertight detail at the transfer of the property of of the prop	ole state of service. I and are a probable eport that the roof swould consist of first em must necessarily	The flashing details usource of water pene ystem on the main roost, the complete removant include a functional	roof design that would	stallation have not system. It is the not replaced. The of system down to the late of the late of system down to the late of t
	return this roof to a reliable been properly maintained recommendation of this replacement roof system concrete deck.	ole state of service. I and are a probable eport that the roof swould consist of first em must necessarily	The flashing details usource of water pene ystem on the main roost, the complete removant include a functional	roof design that would	stallation have not system. It is the ad replaced. The of system down to the late ensure a all be clad to provid
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