HLA

Asbestos & Synthetic Mineral Fibre Survey & Register
Gosford Hospital, Holden Street, Gosford

22 June 2005

Prepared for:
Central Coast Health Service
PO Box 361
Gosford NSW 2250

Report by:
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Asbestos & Synthetic Mineral Fibre Survey & Register
Gosford Hospital, Holden Street, Gosford
22 June 2005

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By

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NSW Manager – Hazardous Materials

APPENDICES

Appendix 1: Site Plan - Building Locations
Appendix 2: Asbestos & SMF Register
Appendix 3: Sample Identification Results

1 INTRODUCTION

The Gosford Hospital is generally contained in a site bound by Holden, Ward and Deane Streets and Racecourse Road, Gosford NSW. Within the site footprint, there are approximately 25 buildings which make up the hospital. Most of the original buildings have either been demolished or renovated over the years to make way for larger structures to meet the area needs.

At the request of Central Coast Health Services, HLA-Envirosciences Pty Limited conducted an Asbestos and Synthetic Mineral Fibre Survey of 21 building structures located on the site. The survey includes an asbestos and synthetic mineral fibre register attached as **Appendix 2**.

All buildings subject to the survey were fully operational at the time of the inspection.

This report presents the findings of a survey undertaken on 29, 30 November 2004 and 2, 3 December 2004.

2 TYPES & USES OF ASBESTOS

Asbestos is the fibrous form of mineral silicates belonging to the serpentine and amphibole groups of rock-forming minerals. The most significant types include chrysotile, crocidolite and amosite (white, blue and brown or grey asbestos respectively). As a naturally occurring rock fibre, asbestos is mined, then broken down from mineral clumps into groups of loose fibres.

During the 1950s, 1960s and early 1970s it was common to use asbestos as fire insulation on structural members and as fire rating of penetration core holes. Its thermal energy conservation properties were used to insulate hot and cold water pipes and ducting. Asbestos was also used to a later date in products to increase their compressive and tensile strength. These products include asbestos cement sheeting, bituminous mastic and membrane, vinyl tiles, Bakelite and Zelminite boards and many other products.

3 TYPES & USES OF SYNTHETIC MINERAL FIBRE

For many decades glass fibre, mineral wool and ceramic fibre materials have been used in products for their thermal and acoustic insulation properties and in some products for fibre reinforcement. These materials have, in special circumstances, been used as a replacement for asbestos based materials. These fibres, of all these types of materials, are described as Synthetic Mineral Fibres (SMF) and are categorised as amorphous (non-crystalline) fibre.

The exposure to high levels of airborne SMF has been reviewed as late as May, 1990 with no conclusive evidence, however, results of epidemiological and animal studies suggest a slightly increased risk in lung cancer may have occurred in workers involved in the manufacturing process in the early stages.

4 NATURE OF SURVEY

The survey was undertaken by way of a visual inspection of construction materials located in the building. Samples of materials that were suspected of containing asbestos were sampled for analysis in HLA-Envirosciences' NATA Registered laboratory. The samples were examined using a stereo microscope and selected fibres were further examined using polarised light microscopy supplemented with dispersion staining (HLA-Envirosciences Method No. 6). Fifty-four (54) samples were collected for analysis. A photographic record of material was also collected.

SMF materials were primarily identified by visual means.

5 EXTENT OF SURVEY

Fundamental to the entire basis of an inspection of this type, where the constraints of a "non destructive" survey are imposed, is the fact that no matter how thorough or professionally it is conducted, not all asbestos and SMF materials might be found and recorded.

Hence, the presence of asbestos and SMF materials can, therefore, be reported only within the constraints of these methods.

Whilst one can be reasonably confident that asbestos and SMF materials that might be routinely encountered in the normal day-to-day activities of the building can be identified and assessed, no guarantees can be made that all asbestos and SMF materials have been identified since demolition activities may well reveal asbestos and SMF materials in areas further to this inspection.

This report is confined to reporting the discovery (or non-discovery as the case may be) and presence of asbestos and SMF materials by visual inspection and non-destructive method of those areas of the building (or property) accessible to and inspected by HLA-Envirosciences at the date of the inspection. HLA-Envirosciences will not be liable in the event the report fails to notify the presence of any asbestos and SMF materials in any area of the building (or property) which was on the date of inspection physically inaccessible for inspection using the methods employed or which was not otherwise inspected on that day. Nothing herein contained implies that any inaccessible or uninspected area of the building reveals or does not reveal asbestos and SMF materials.

The survey was limited to the building structure and associated building elements only. Asbestos and SMF materials that may be present in the ground or in drums and containers, associated with the former occupancy are not included in this report.

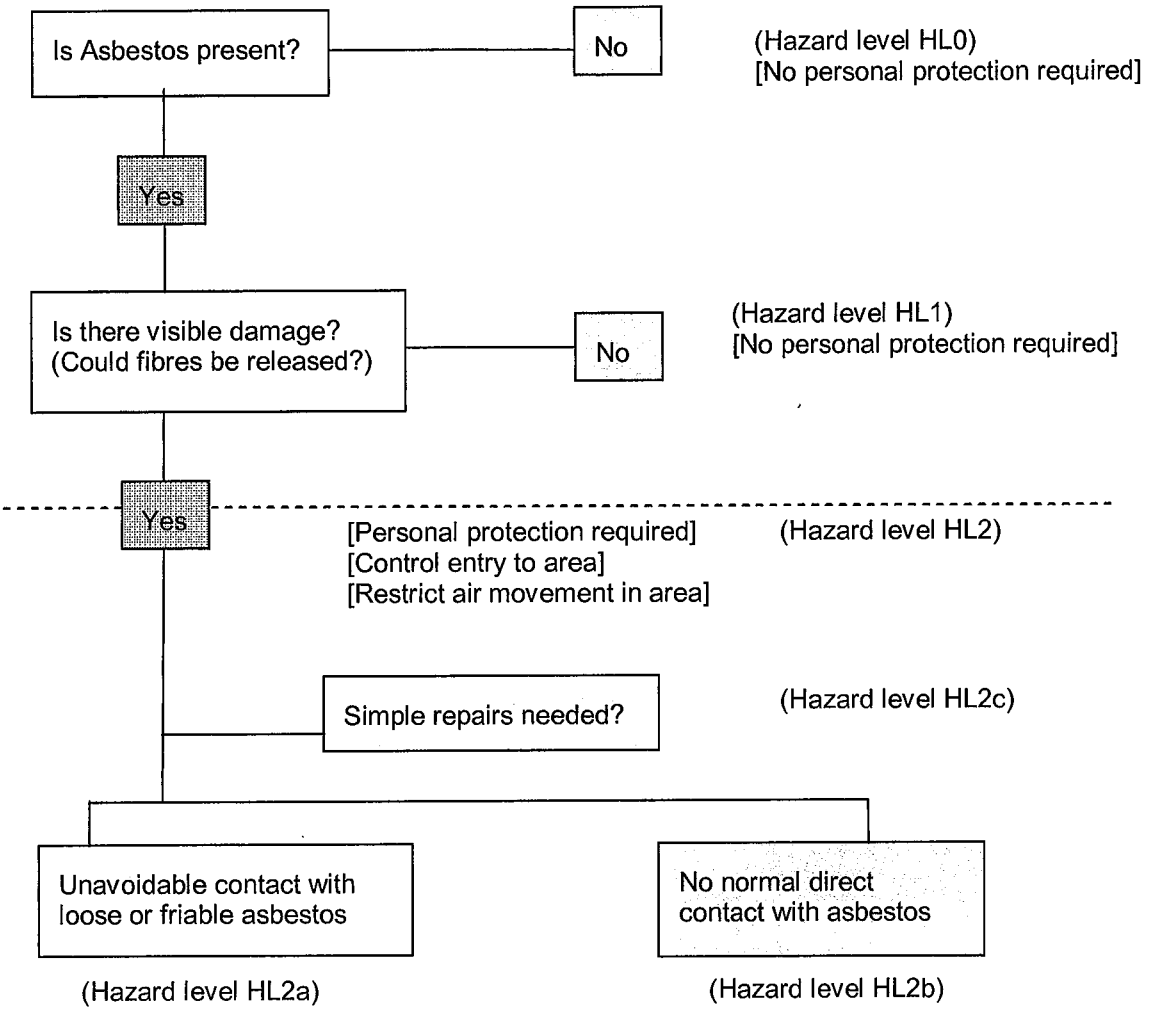
6 RISK ASSESSMENT & HAZARD RATING

One of the principle activities of the asbestos management programme is auditing. This auditing evaluates and records the location and condition of asbestos materials that exist within buildings and or structures (see **Appendix 2**).

The implications of the hazard rating are as follows:

- Where there is asbestos present (hazard rating HL1 or HL2), existing conditions should not be allowed to deteriorate;
- Where the hazard rating is HL2, interim measures such as personal protection, control of air movement and restriction of access to the area are introduced. A half-face cartridge respirator is required for personal protection against respirable asbestos fibres. Entry to the area should be restricted. If there is air movement through the area, it should be blocked;
- Where there is unavoidable contact with asbestos in an area (as in areas with a hazard rating of HL2a or where contact is required by the nature of the job), suitable coveralls must be worn as well as respiratory protection. Access to the area should be restricted to approved personnel and appropriate decontamination procedures should be implemented.
- If work in asbestos areas must be performed, then management must ensure adequate protection of its employees as per the Code of Practice for the Safe Removal of Asbestos.

The following flow chart is being used to establish hazard rating levels.



The above hazard levels refer to the likelihood of encountering respirable asbestos fibres in the atmosphere. They do not take into account any data on the habitation or use of the different areas.

Note: Regardless of the rating given, any work involving direct contact with asbestos based materials requires the wearing of a respirator and protective clothing.

Hazard level descriptions are as follows:

HL0 - No asbestos present.

HL1 - Asbestos present in well sealed condition.

HL2c - Asbestos present with slight surface damage. Potential asbestos health hazard. Simple repair required.

HL2b - Asbestos present. Extensive surface damage. No normal direct contact with asbestos.

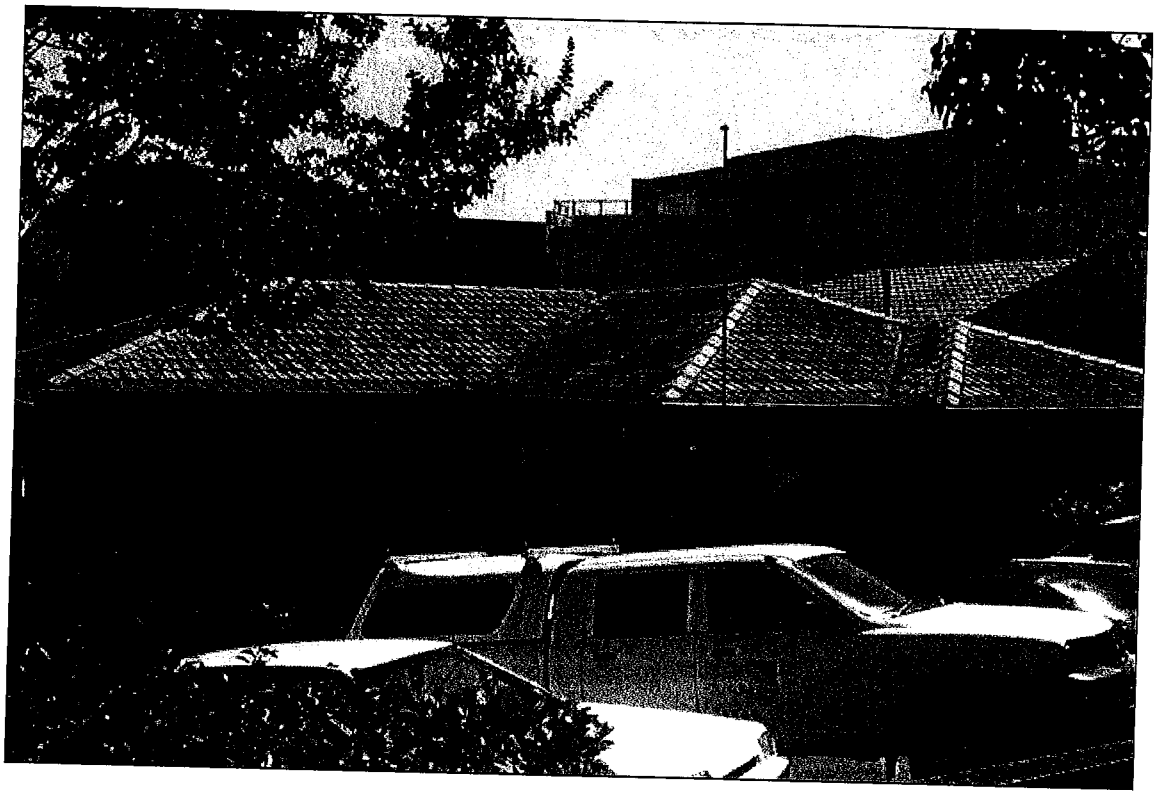
HL2a - Asbestos present. Extensive surface damage. Unavoidable contact with loose or friable asbestos.

General access requirements for areas where asbestos is present:

- Personal Protection Required;
- Control entry to area;
- Restrict air movement in area.

7 RESULTS OF SURVEY

7.1 Building No. 1 - H.I.V & Sexual Health Clinic



Photograph No. 1: Building No. 1- H.I.V & Sexual Health Clinic

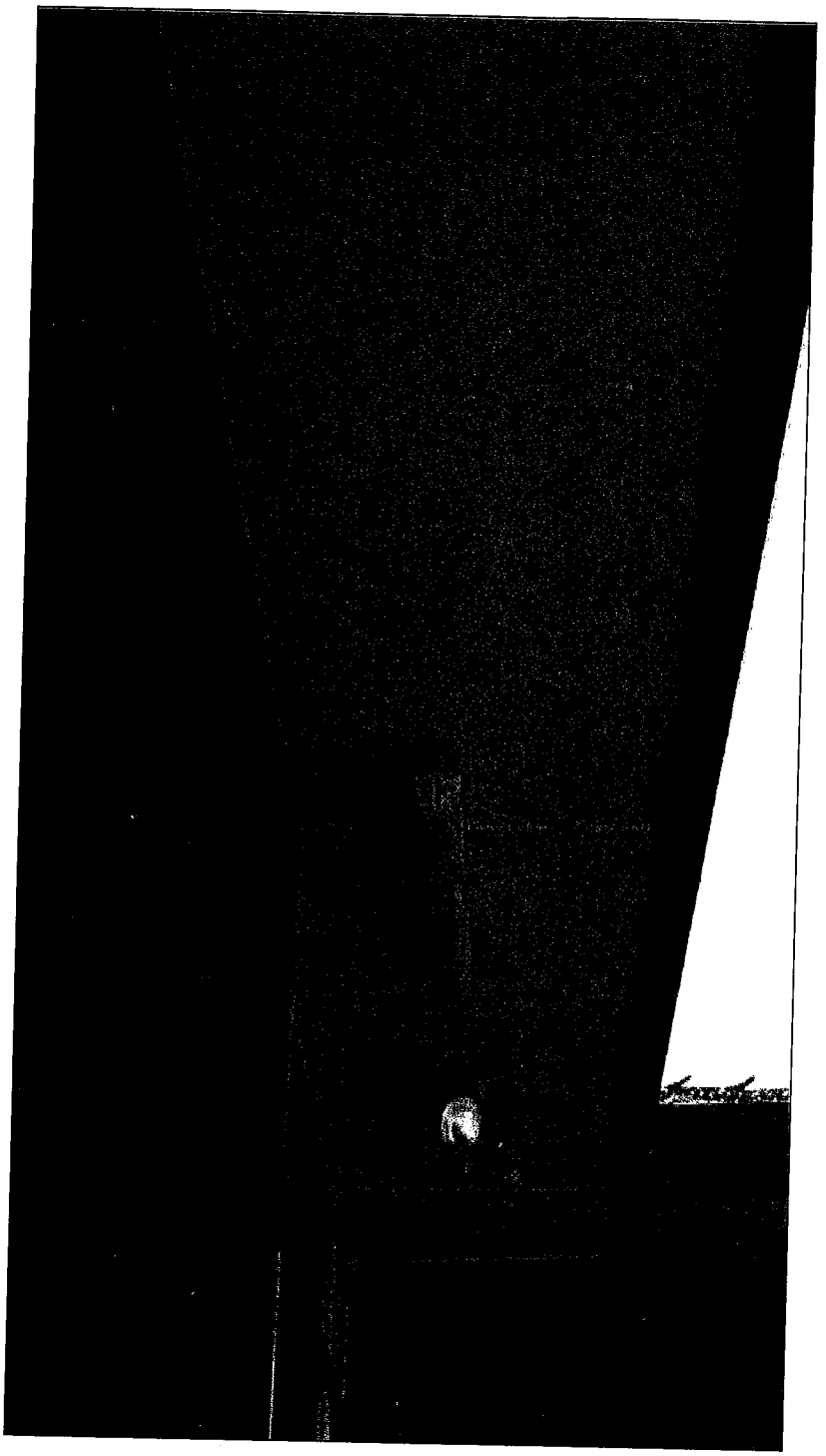
7.1.1 Building Exterior

The building is of brick veneer construction with timber floors and aluminium windows. The roof is cement tile.

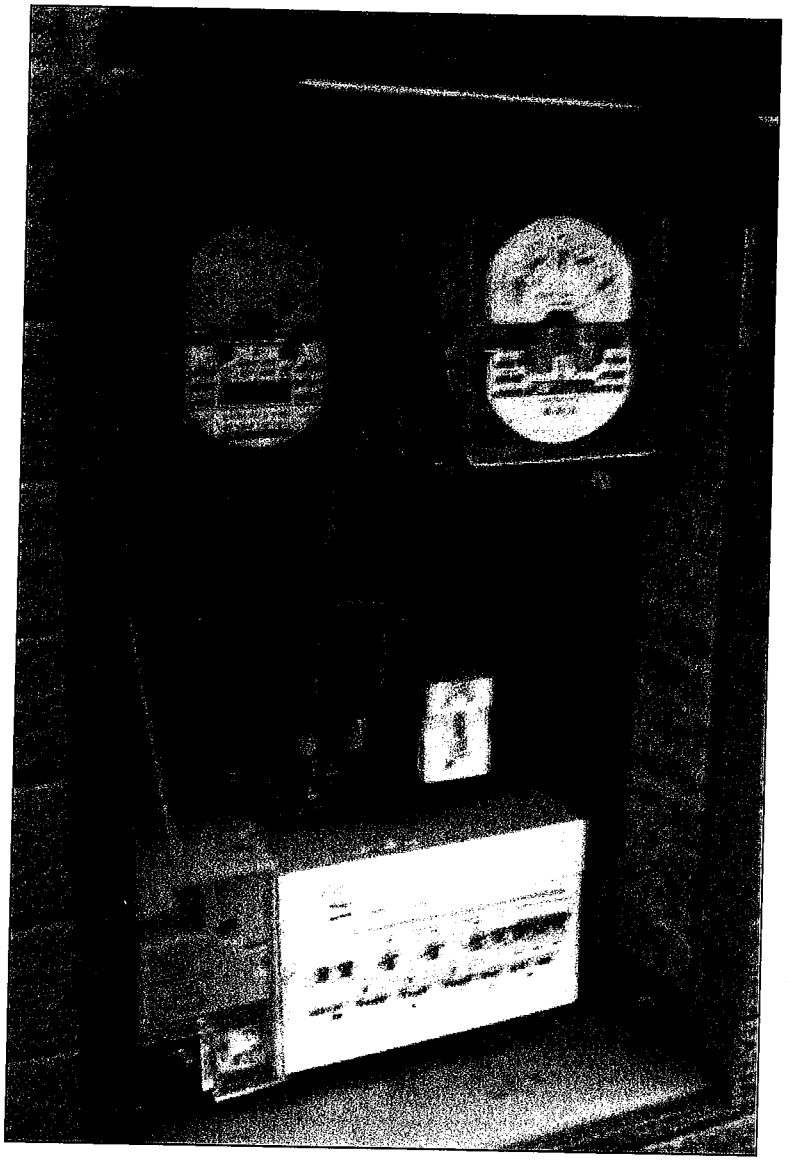
Asbestos materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Eave Lining	Suspected Flat A/C Sheet		2
Electrical Switchboard	Suspected Zelminite Backing Board		3

No SMF materials were sighted on the exterior of this building



Photograph No. 2: Suspected Asbestos Cement Eave Lining to Building



Photograph No. 3: Suspected Zelminite Backing Board in Electrical Switchboard

7.1.2 Building Interior

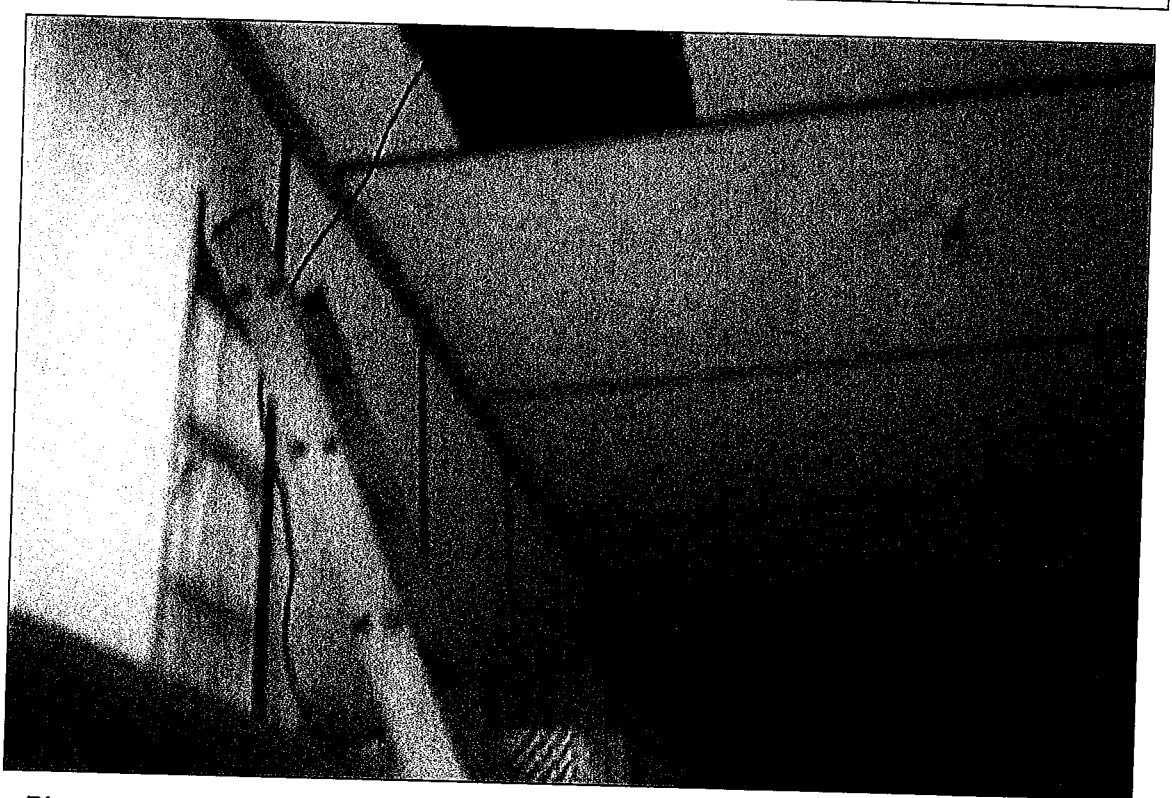
The interior of the building generally has plasterboard walls and ceilings. The timber floors are carpeted.

Asbestos materials were sighted as follows:

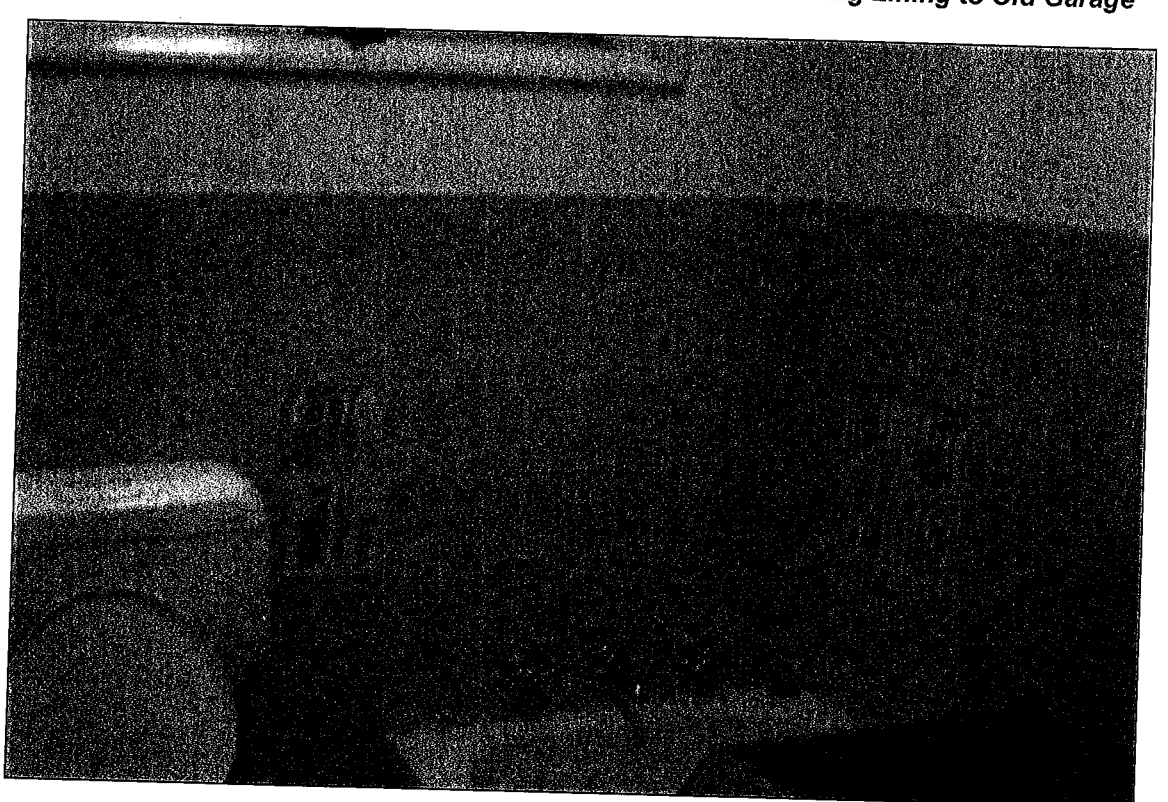
Location	Description	Sample No.	Photograph No.
1 Wall and Ceiling to Garage / Store	Suspected Flat A/C Sheet		4
Wall Lining to Bathroom	Flat A/C Sheet	2	5
Wall Lining to Laundry	Suspected Flat A/C Sheet		6
Floor Covering - Laundry	Asbestos Vinyl Tile	1	7

SMF materials were sighted as follows:

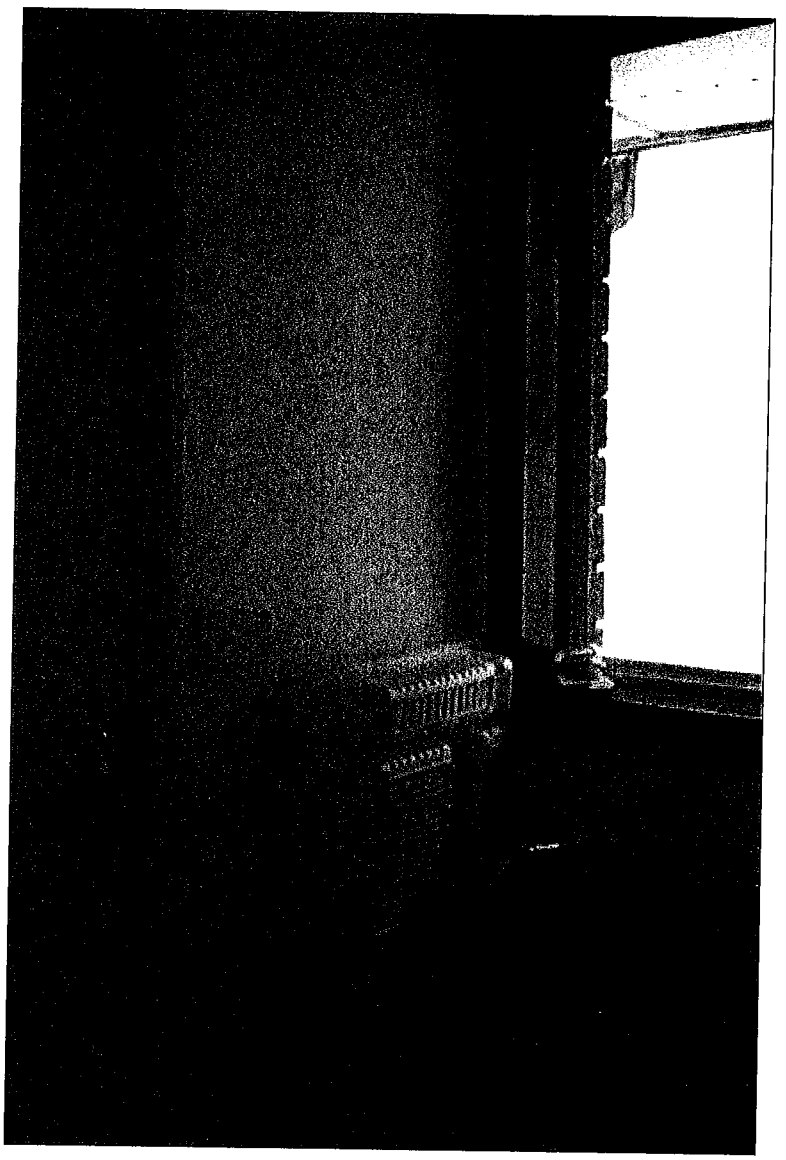
Location	Description	Sample No.	Photograph No.
Ceiling Space - A/C Ductwork	SMF in Plastic Coating		8



Photograph No. 4: Suspected Asbestos Cement Wall and Ceiling Lining to Old Garage

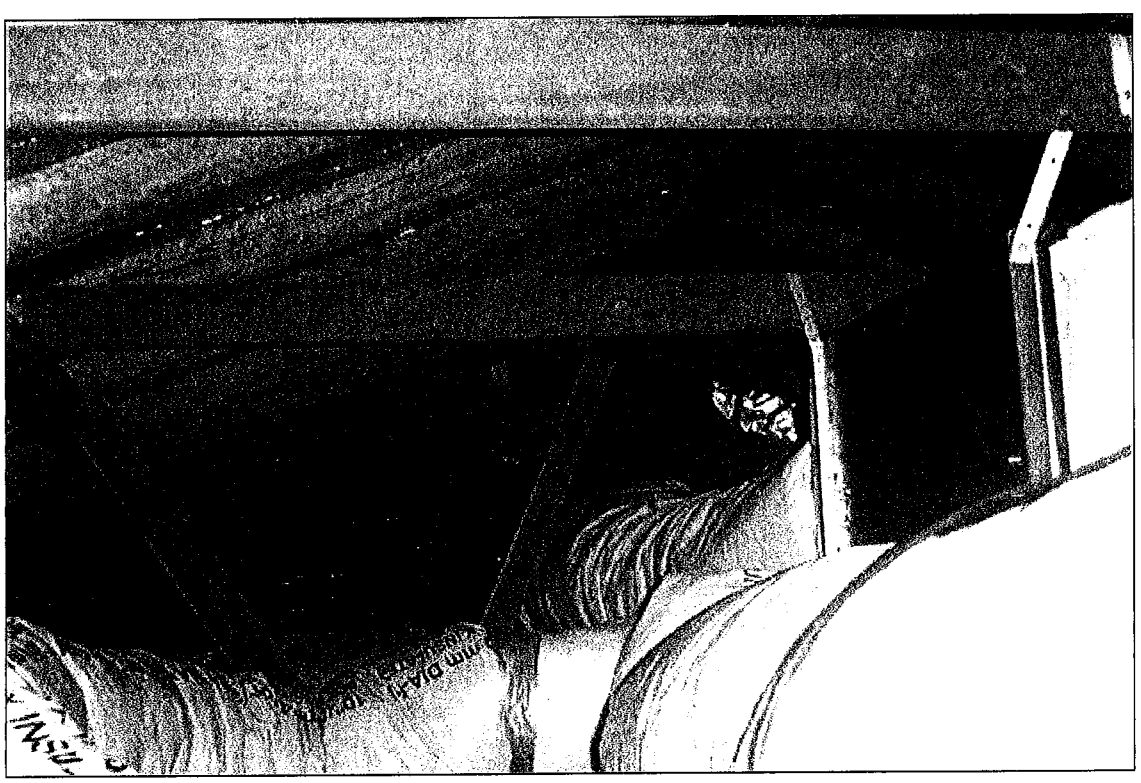


Photograph No. 5: Asbestos Cement Wall Lining to Bathroom



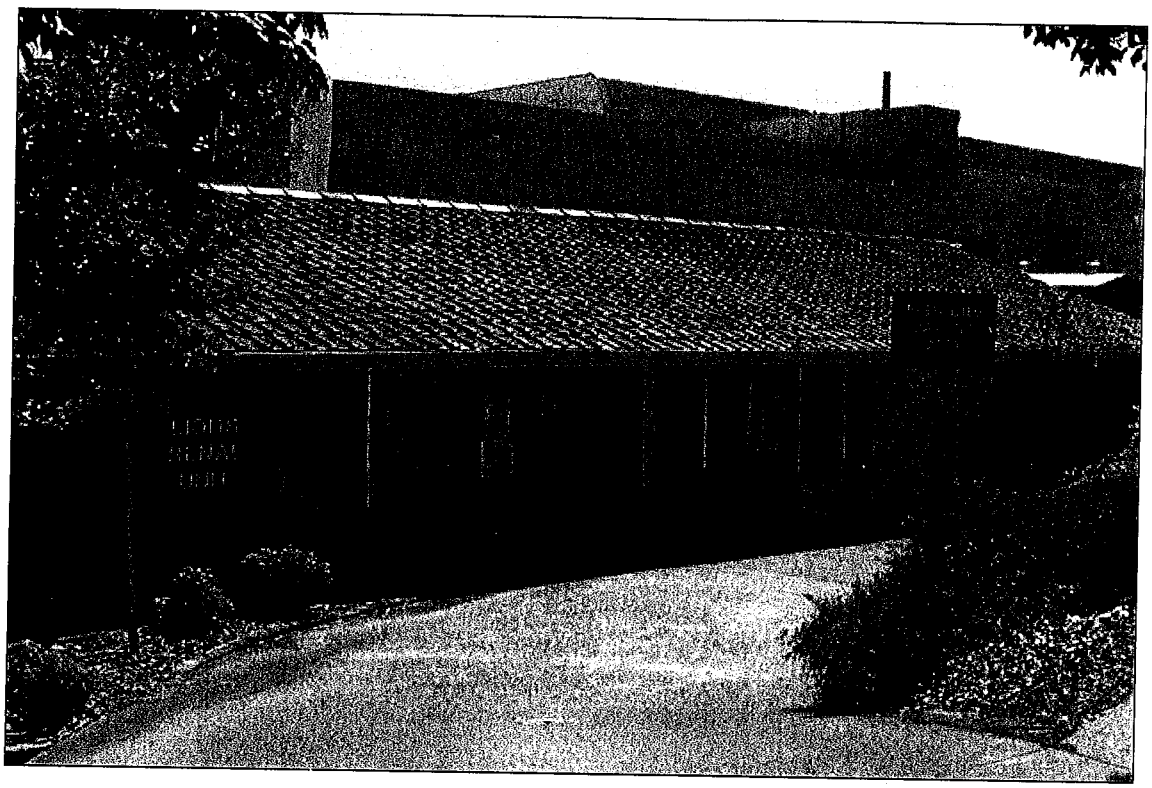
Photograph No. 6: Suspected Asbestos Cement Wall Lining to Laundry

Photograph No. 7: Asbestos Vinyl Tiles to Laundry Floor



Photograph No. 8: SMF in Plastic Coating - Insulation to A/C Ducts

7.2 Building No. 2 - Renal Unit



Photograph No. 9: Building No. 2 - Renal Unit

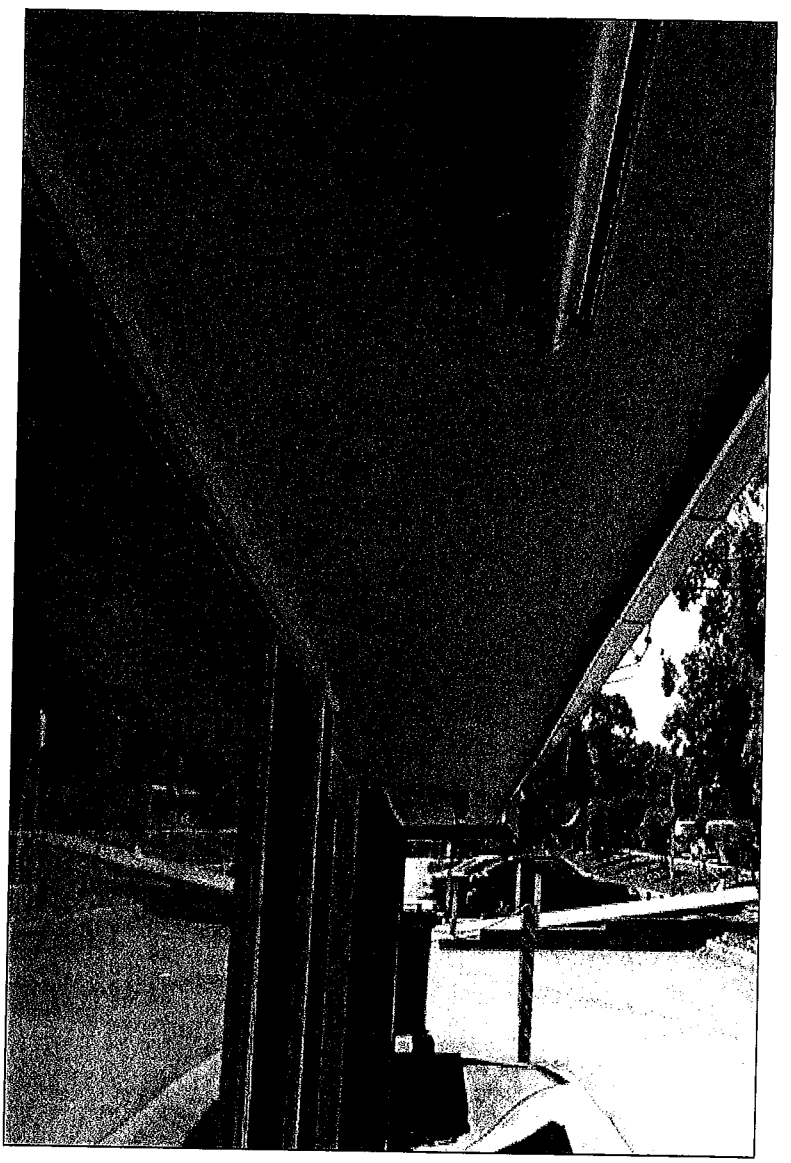
7.2.1 Building Exterior

The building is of brick veneer construction with timber and concrete floors. The windows are aluminium and the roof is cement tile.

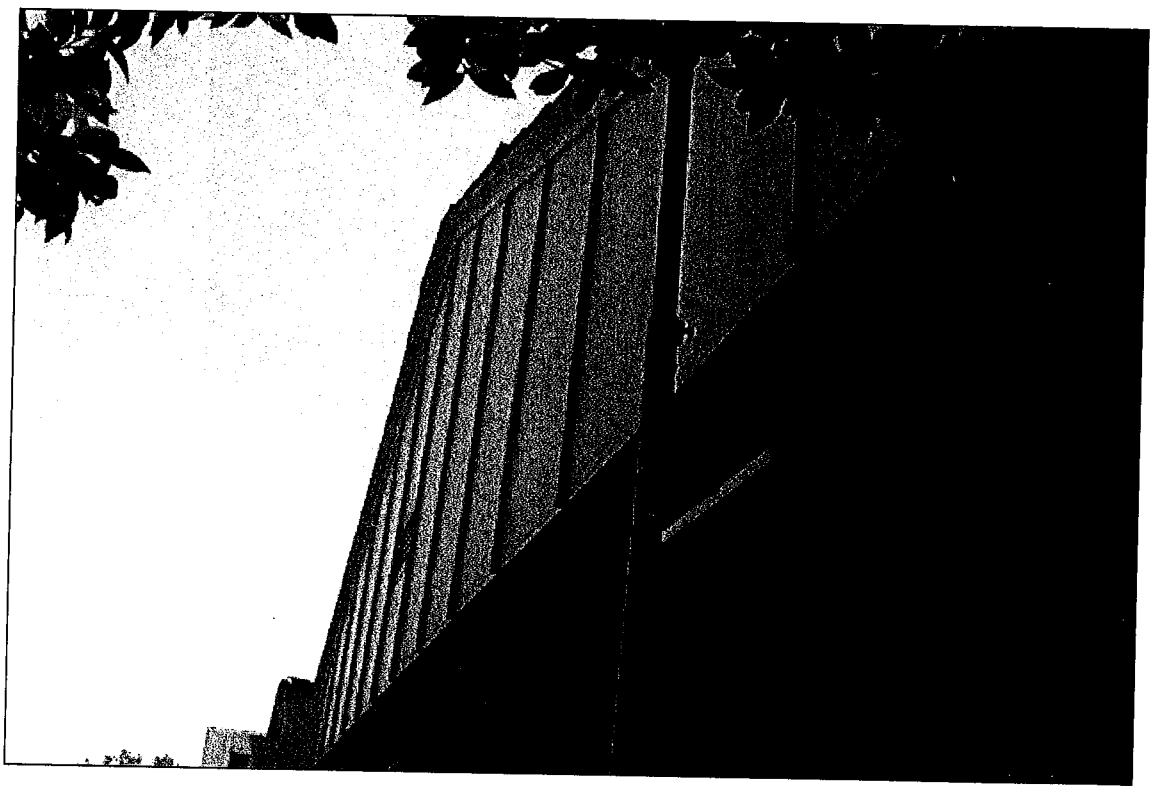
Asbestos materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Eave Lining (Original)	Suspected Flat A/C Sheet		10
Gable Lining (One End)	Suspected Flat A/C Sheet		11

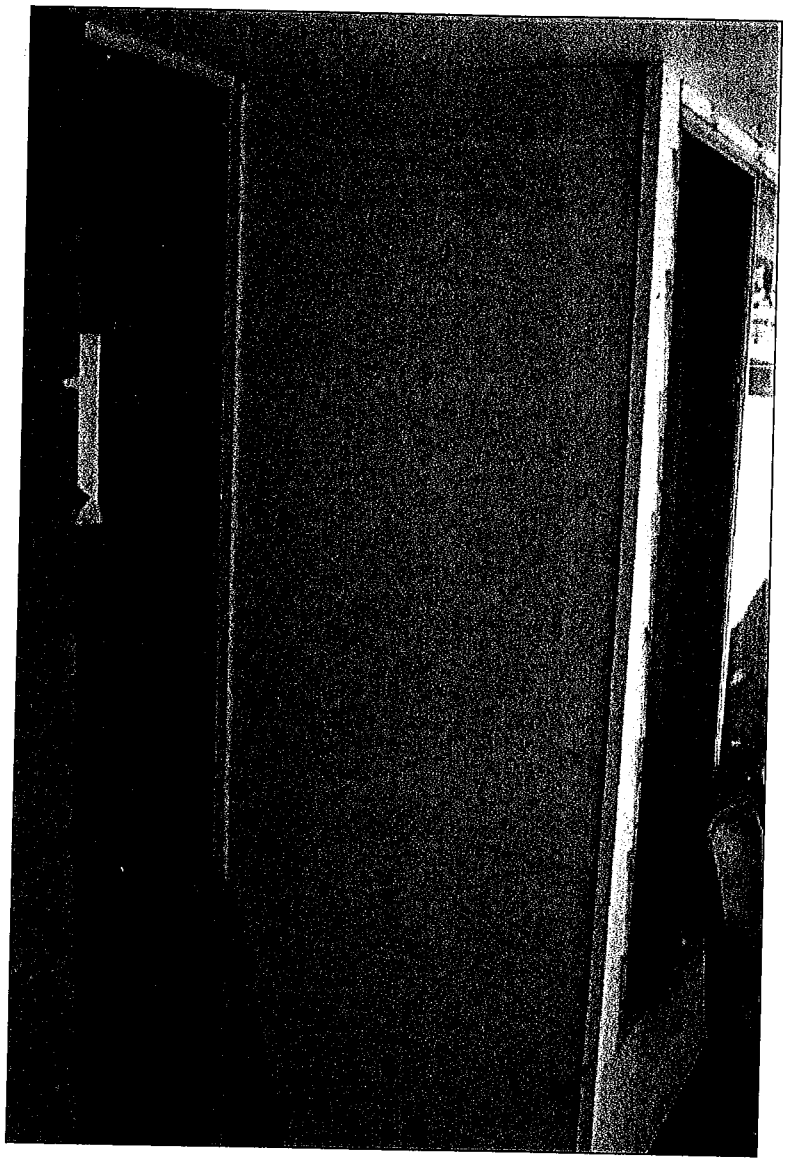
No SMF materials were sighted on the exterior of this building.



Photograph No. 10: Suspected Asbestos Cement Eave Lining to Building



Photograph No. 11: Suspected Asbestos Cement Gable to Building (one end)



Photograph No. 12: "Hardiplank" Lining at Entry (Asbestos Free)

7.2.2 Building Interior

The interior of the building has plasterboard walls and ceiling. The floor is covered with sheet vinyl and carpet. The ceiling to the garage is hard flat fibrous cement sheet.

Asbestos materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Old Laundry Ceiling Lining	Suspected Flat A/C Sheet		13

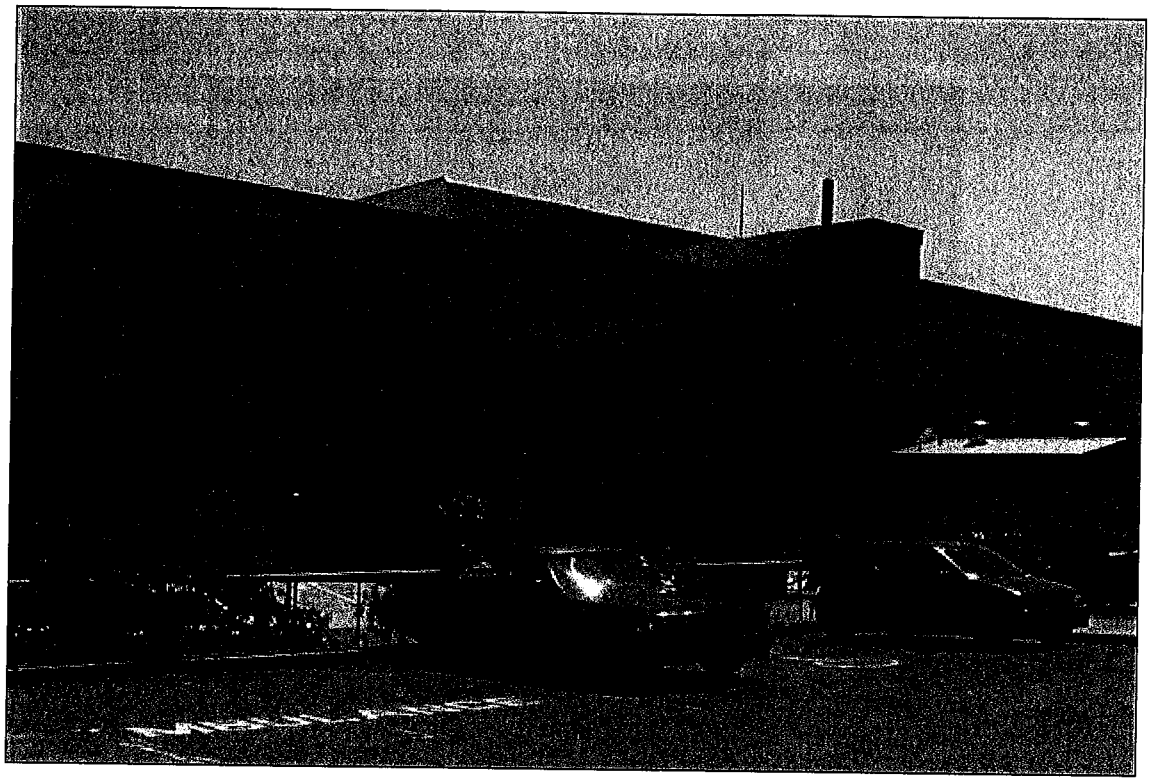
SMF materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Ceiling Space - A/C Ductwork	SMF in Plastic		14
Ceiling Space Insulation	SMF Batts		14

Photograph No. 13: Suspected Asbestos Cement Ceiling Lining to Old Laundry

Photograph No. 14: SMF in Plastic Insulation to Flexible A/C Ducts

7.3 Building No. 3 - Stage 3 Medical & Reception

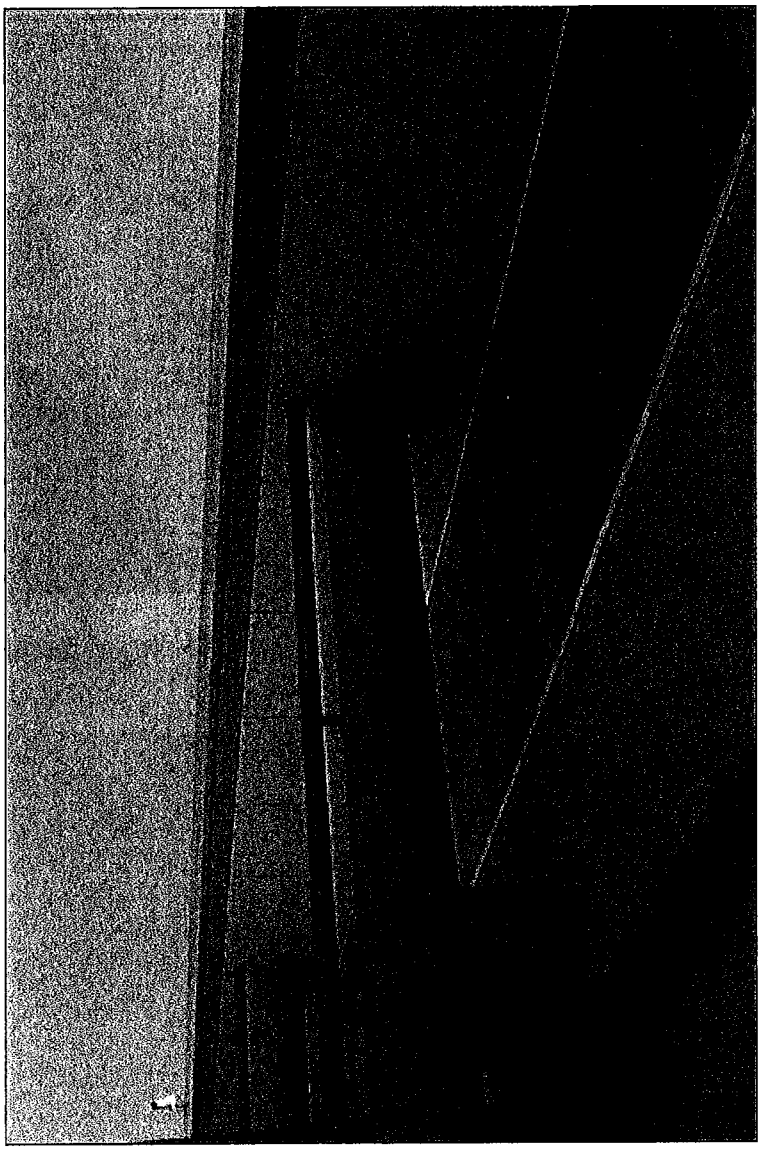


Photograph No. 15: Building No. 3 - Stage 3 - Medical and Reception (Side View of Building)

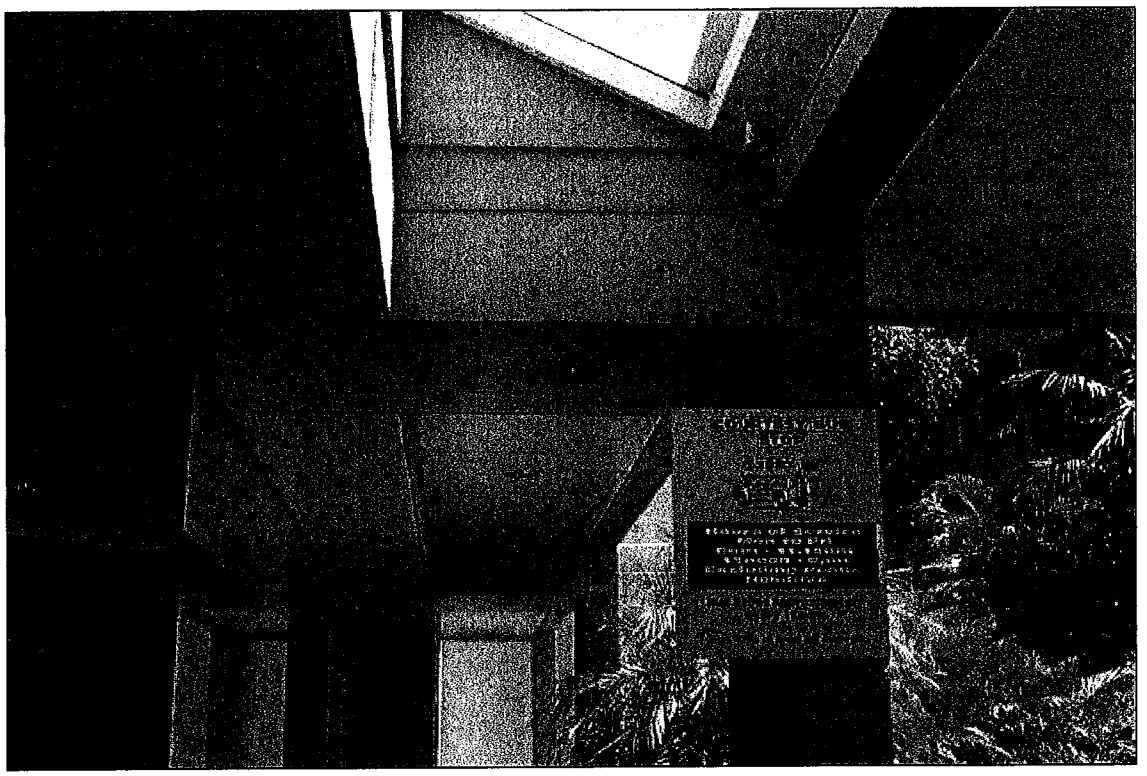
7.3.1 Building Exterior

The building is of reinforced concrete construction with walls constructed of concrete blockwork. The floors are concrete and the windows aluminium and powdercoated metal. The façade is partially clad with metal and the eave lining is hard flat fibrous cement sheet (see **Photograph No. 16**). The main entry is glazed with a canopy lined with hard flat fibrous cement sheet (see **Photographs No. 17** and **No. 18**). The roof is metal deck (see **Photograph No. 19**) with a bituminous membrane near Plant Rooms.

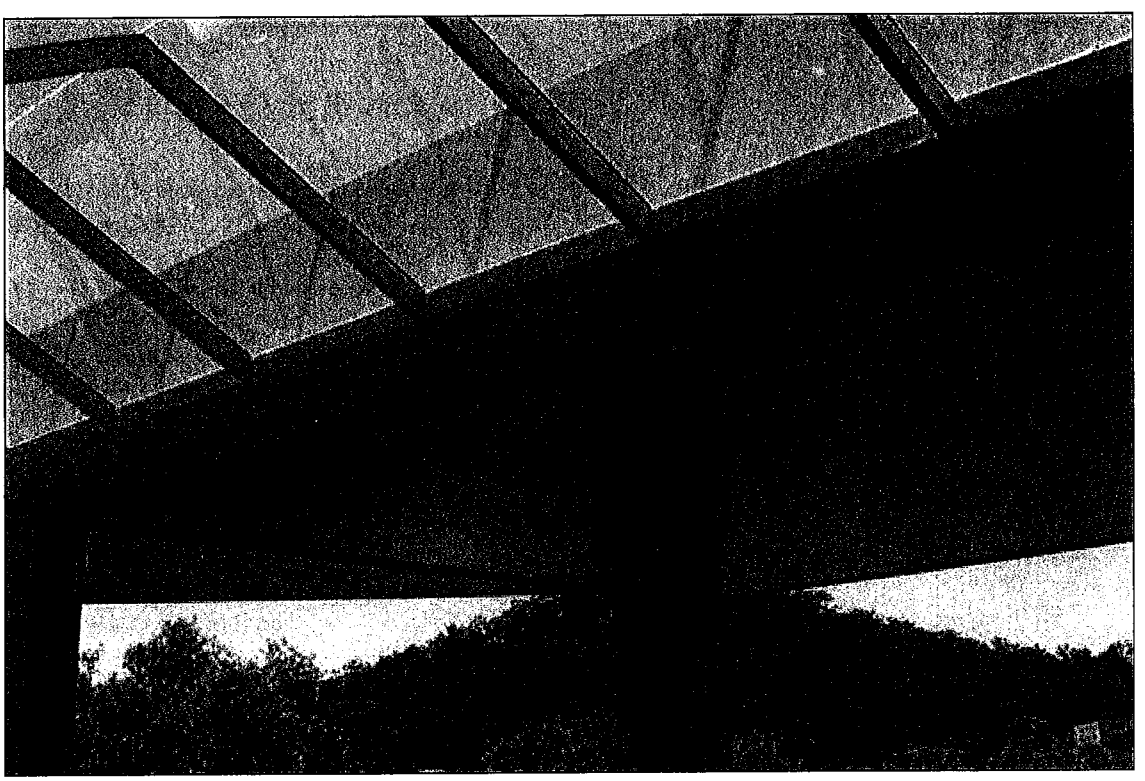
No asbestos or SMF materials were sighted on the exterior of the building.



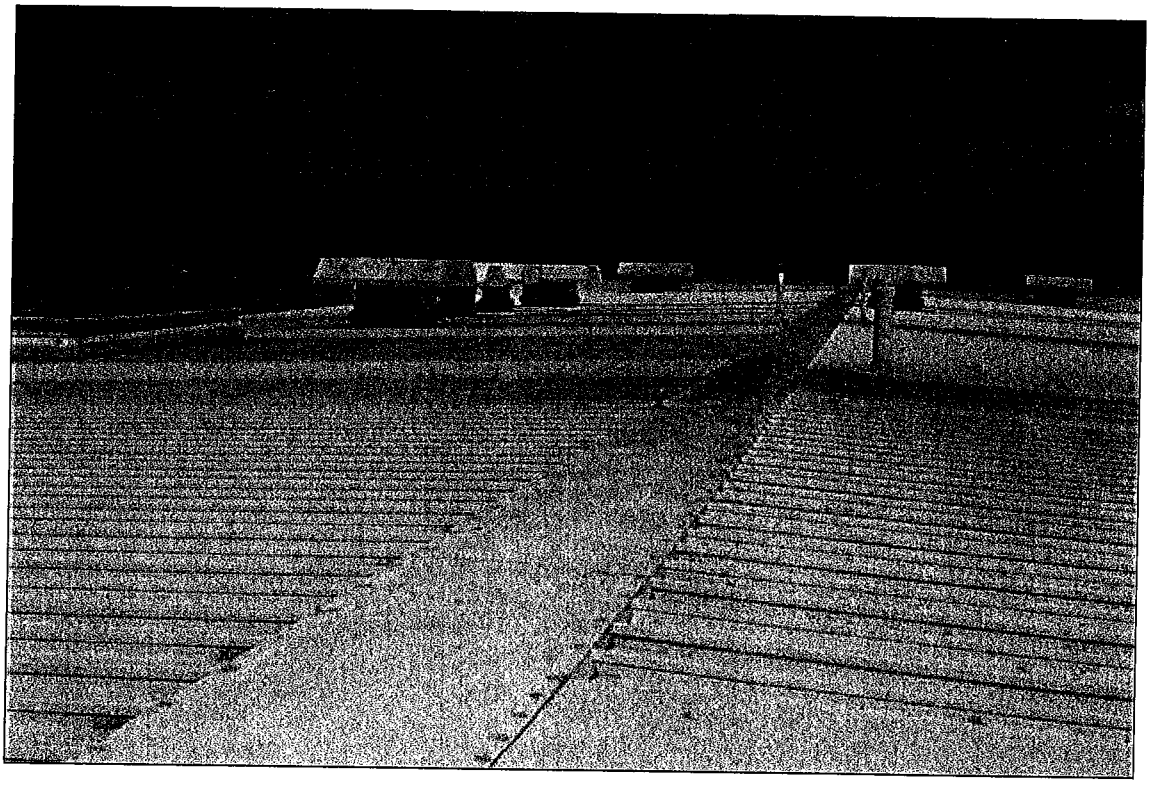
Photograph No. 16: Fibrous Cement Eave Lining to Building



Photograph No. 17: Glazed Front to Main Entry with fibrous cement eave



Photograph No. 18: Fibrous Cement Ceiling to Entry Canopy



Photograph No. 19: Metal Deck Roof to Building

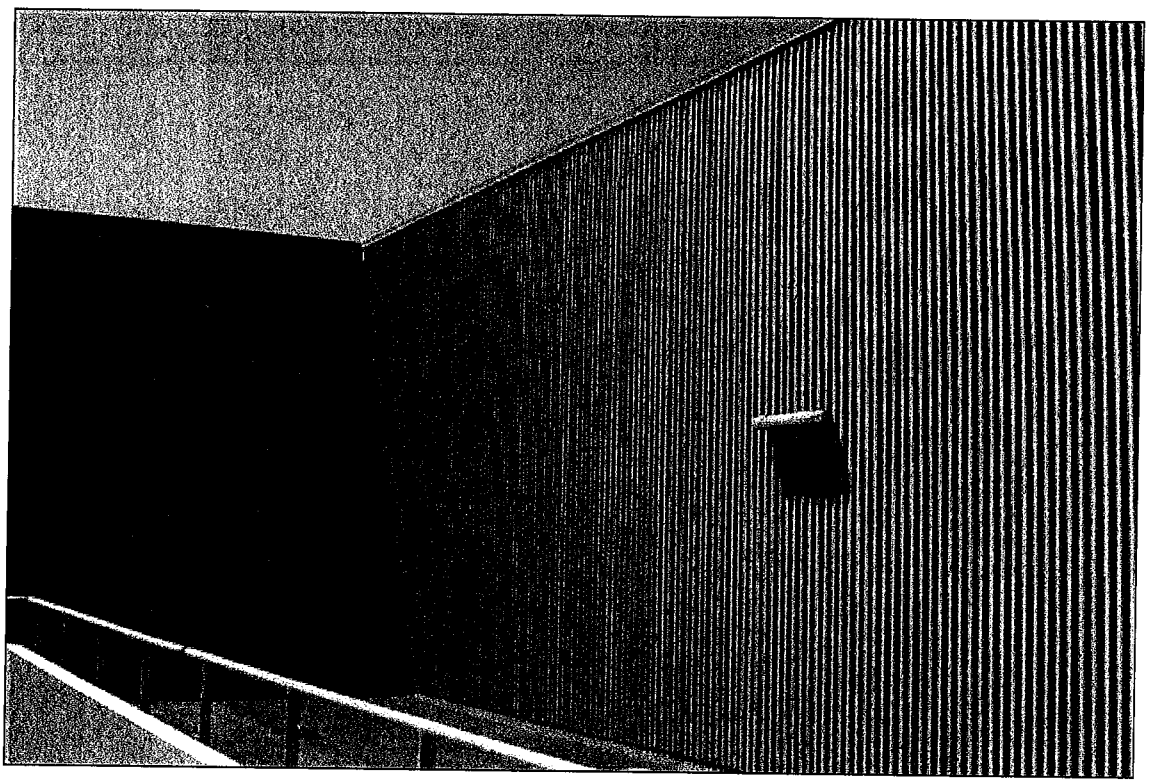
7.3.2 Roof Plant Rooms

The Plant Rooms are of steel frame construction and externally lined with metal (see **Photograph No. 20**).

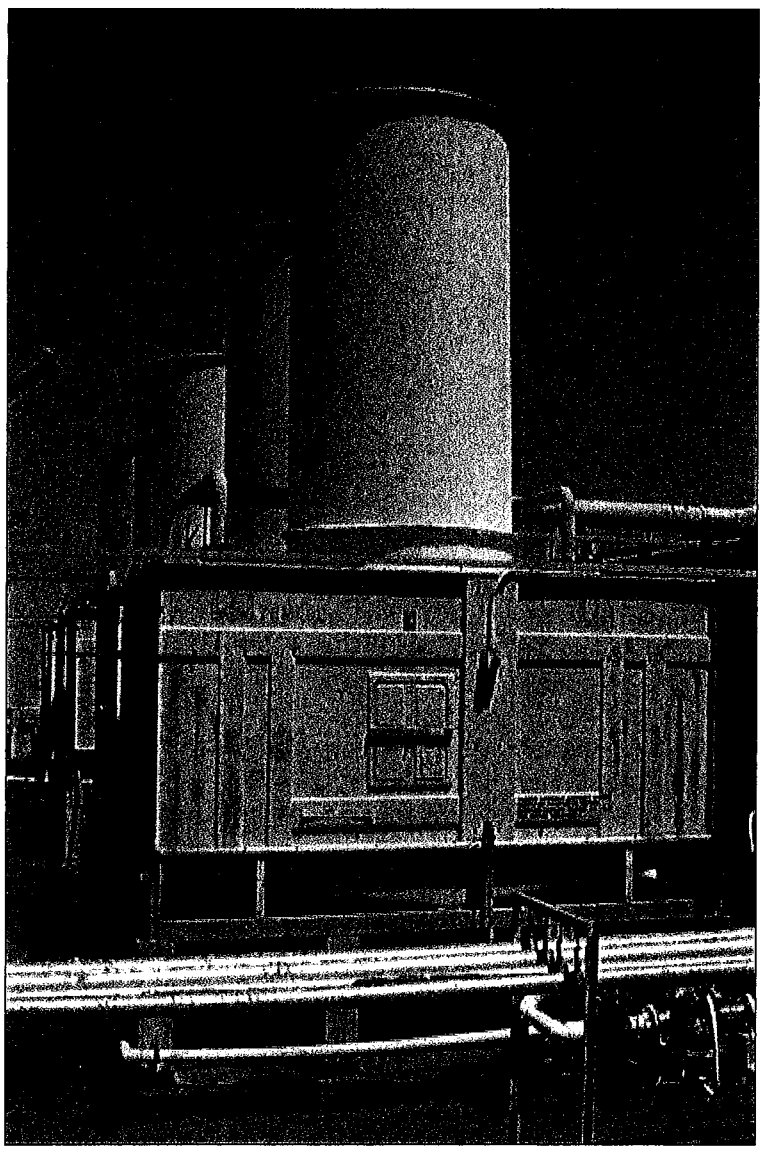
No asbestos materials were sighted in the Plant Rooms.

SMF materials were sighted as follows:

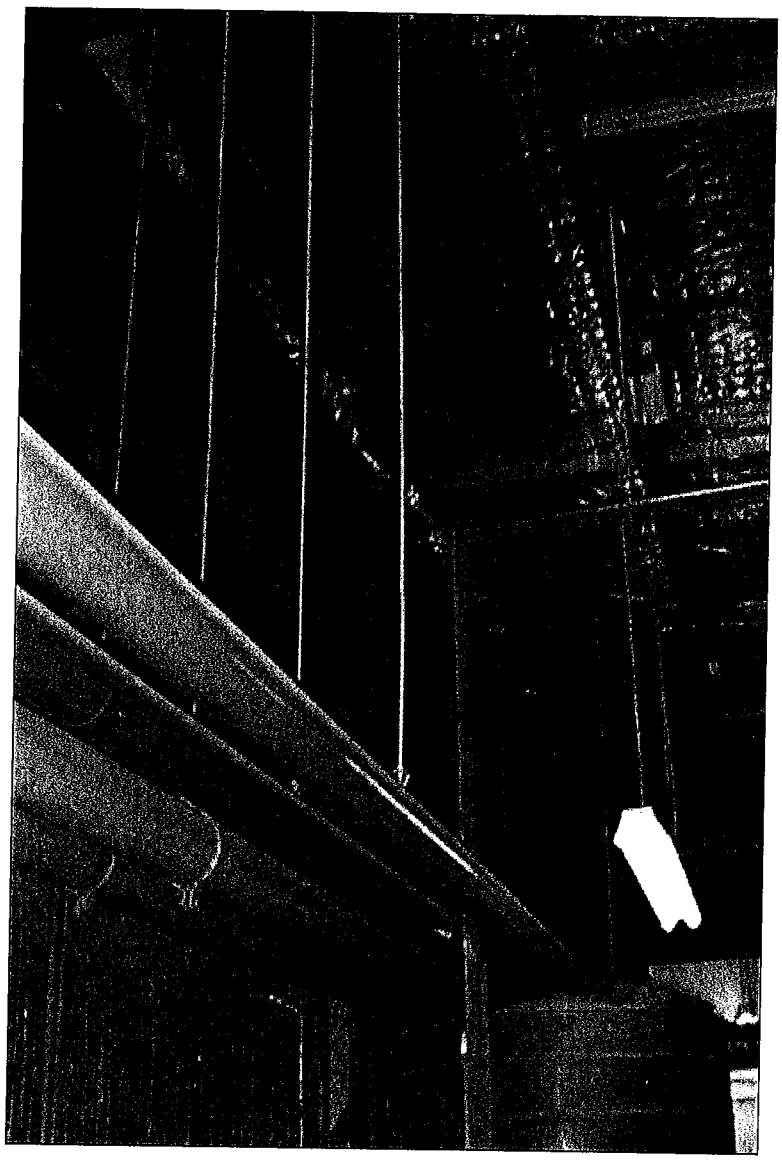
Location	Description	Sample No.	Photograph No.
Cooling Towers	SMF Hard Fibreglass Casing		21
Wall and Ceiling Insulation	SMF on Foil / Wire		22
Air Conditioning - Hot Water Flow and Return Pipe Insulation	SMF in Metal		23



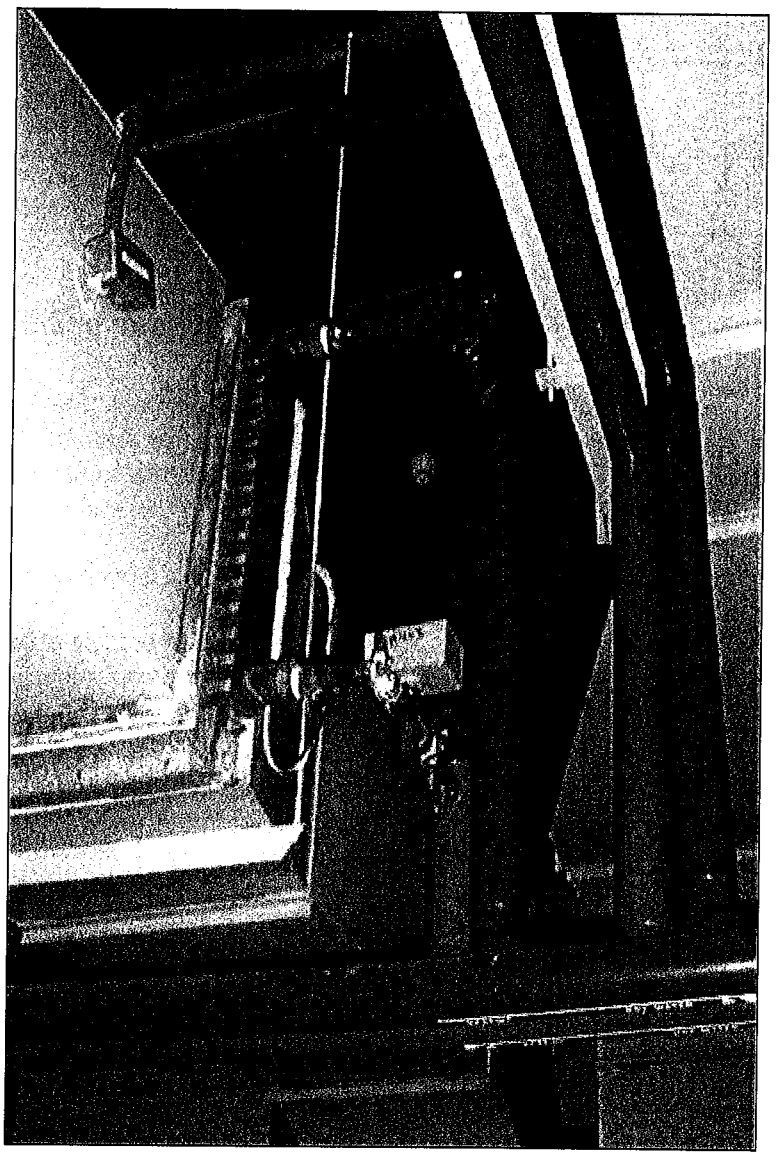
Photograph No. 20: Metal Lining to Roof Plant Rooms



Photograph No. 21: SMF Hard Fibreglass Casing to Cooling Towers on Roof



Photograph No. 22: SMF on Foil Insulation to Plant Room Walls and Ceiling



Photograph No. 23: SMF In Metal Insulation to Hot Water Flow and Return Pipes

7.3.3 Building Interior - Level 3

The walls are rendered blockwork and masonry with plasterboard partitions. The wet areas are lined with hard flat fibrous cement sheet and rendered blockwork. The ceiling is plaster tile on an exposed grid system with recessed light fittings. The floor is covered with sheet vinyl and carpet. Ceramic tiles are laid on the floor and fixed to the walls in the wet areas.

No asbestos materials were sighted on this level.

SMF materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Ceiling Space A/C - Ductwork Insulation	SMF on Foil		
Ceiling Space - Hot Water Pipework Insulation	SMF on Foil		
Risers - Hot Water Pipework Insulation	SMF on Foil		

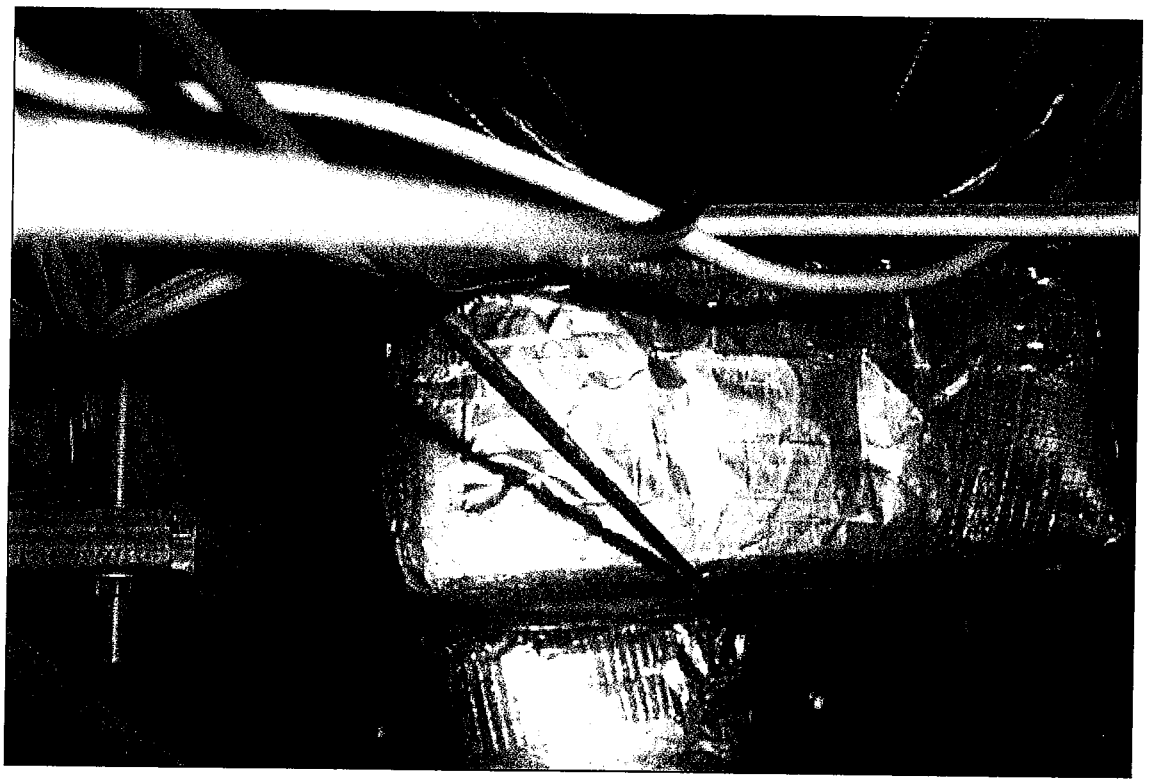
7.3.4 Building Interior - Level 2

The walls are rendered blockwork and masonry with plasterboard partitions. The wet areas are lined with hard flat fibrous cement sheet and rendered blockwork. The ceiling is plaster tile on an exposed grid system with recessed light fittings. The floor is covered with sheet vinyl and carpet. Ceramic tiles are laid on the floor and fixed to the walls in the wet areas.

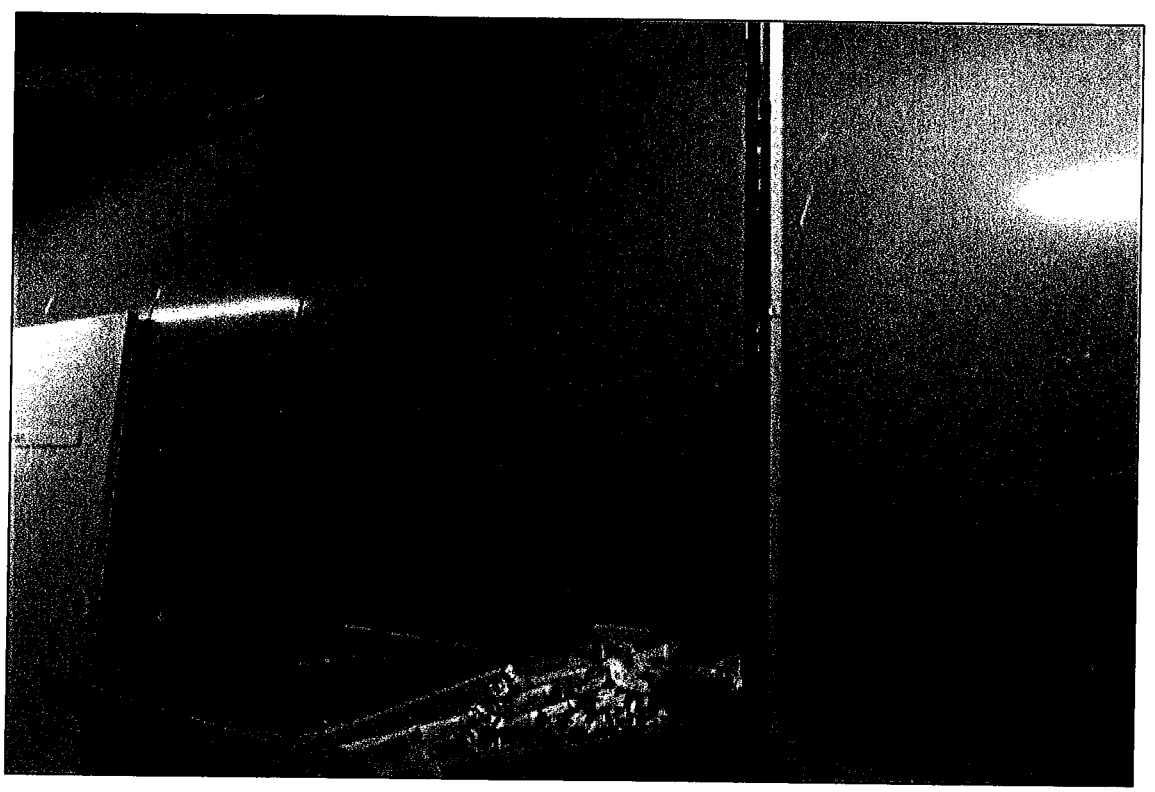
No asbestos materials were sighed on this level.

SMF materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Ceiling Space - A/C Ductwork Insulation	SMF on Foil		24, 25
Ceiling Space - Hot Water Pipework Insulation	SMF on Foil		
Risers - Hot Water Pipework Insulation	SMF on Foil		



Photograph No. 24: SMF / Foil Insulation to A/C Ductwork in Ceiling Space



Photograph No. 25: SMF / Foil Insulation to A/C Ductwork in Ceiling Space

7.3.5 Building Interior - Level 1

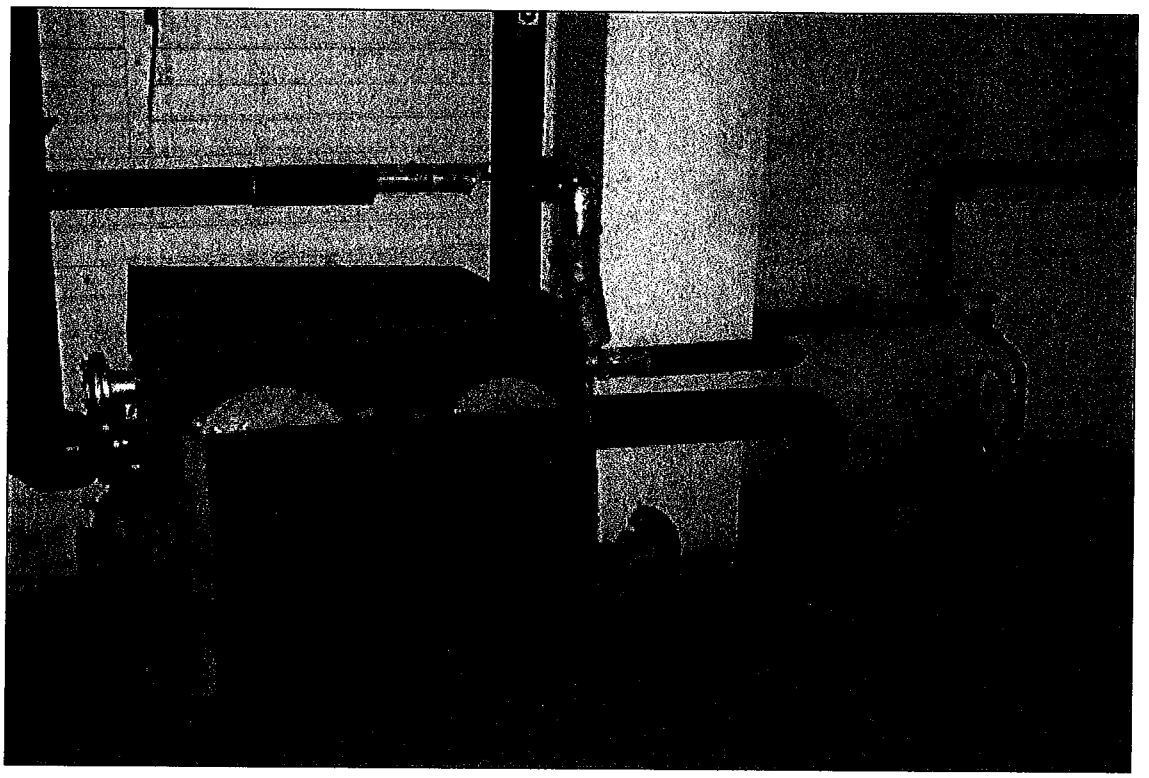
This level contains the main entrance/admissions, cafeteria, plant rooms, mortuary and maintenance workshops, and stores.

The walls are generally concrete block and the floors concrete. Where ceilings are installed, they are plaster tile. The walls in the admissions/cafeteria are plasterboard with ceramic tiles laid on the floor.

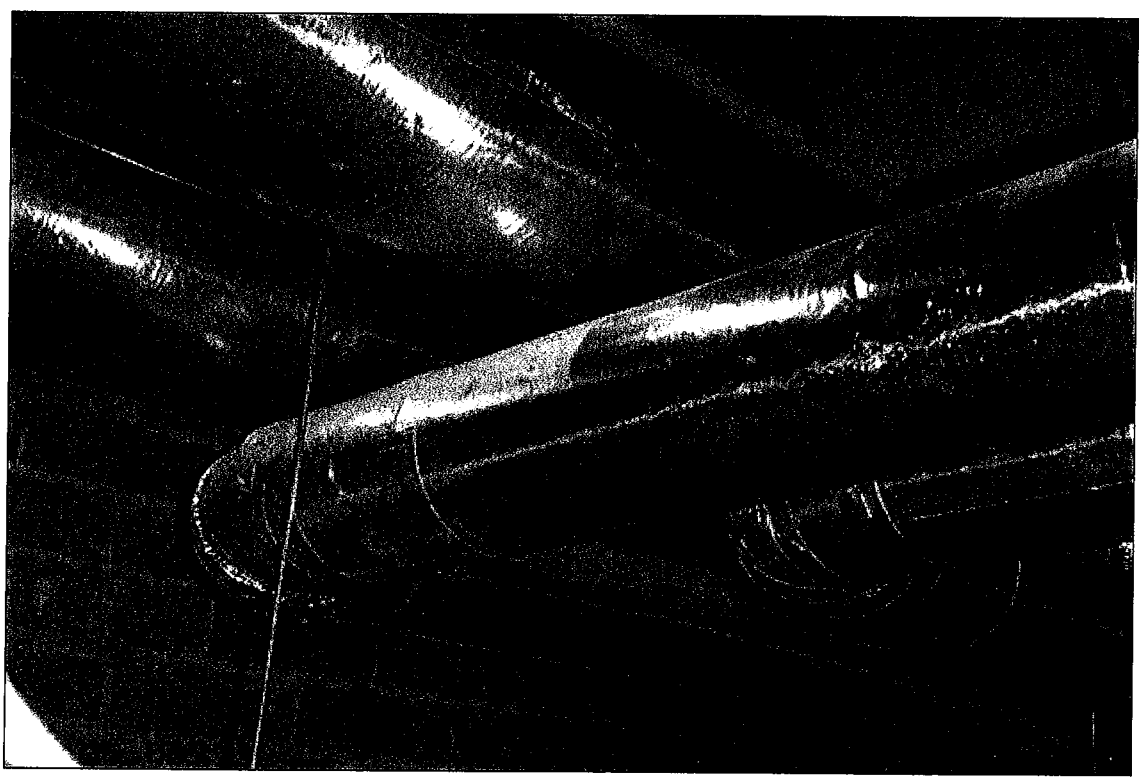
No asbestos materials were sighted on this level.

SMF materials were sighted as follows:

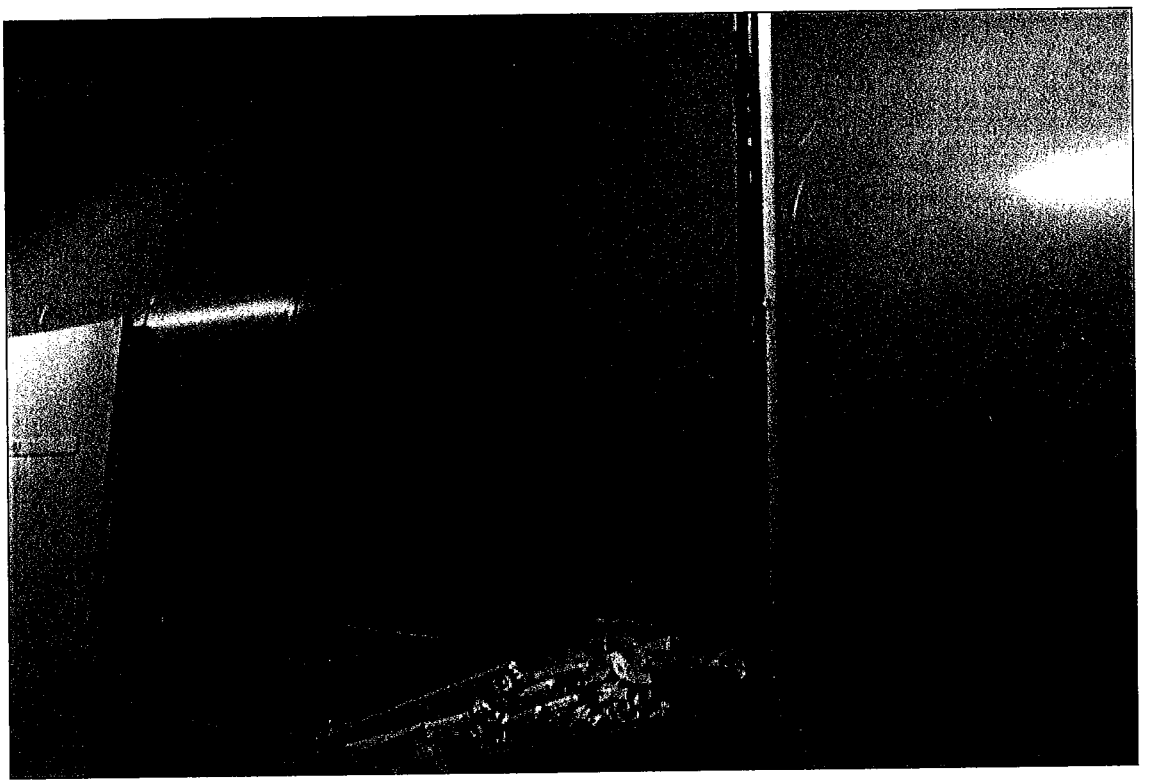
Location	Description	Sample No.	Photograph No.
Ceiling Space - A/C Ductwork Insulation	SMF on Foil		
Plant Room 25 - Heat Exchanger Insulation	SMF in Metal		26
Plant Room 25 - Hot Water Pipe Insulation	SMF in Metal		
Corridor Ceiling - Hot Water Pipes/Insulation	SMF on Foil		27
Plant Room 26 - 2 x Storage Vessels Insulation	SMF in Metal		28
Plant Room 26 - 4 x Calorifiers - Insulation	SMF in Metal		29
Plant Room 26 - Hot Water Pipes/Insulation	SMF in Metal		30
Boiler Room - 3 x Furnaces Insulation	SMF in Metal		31
Boiler Room - Vessel and Exchanger to Pipework - Insulation	SMF in Metal		32
Maintenance Area - Elevated Pipework	SMF in Foil		



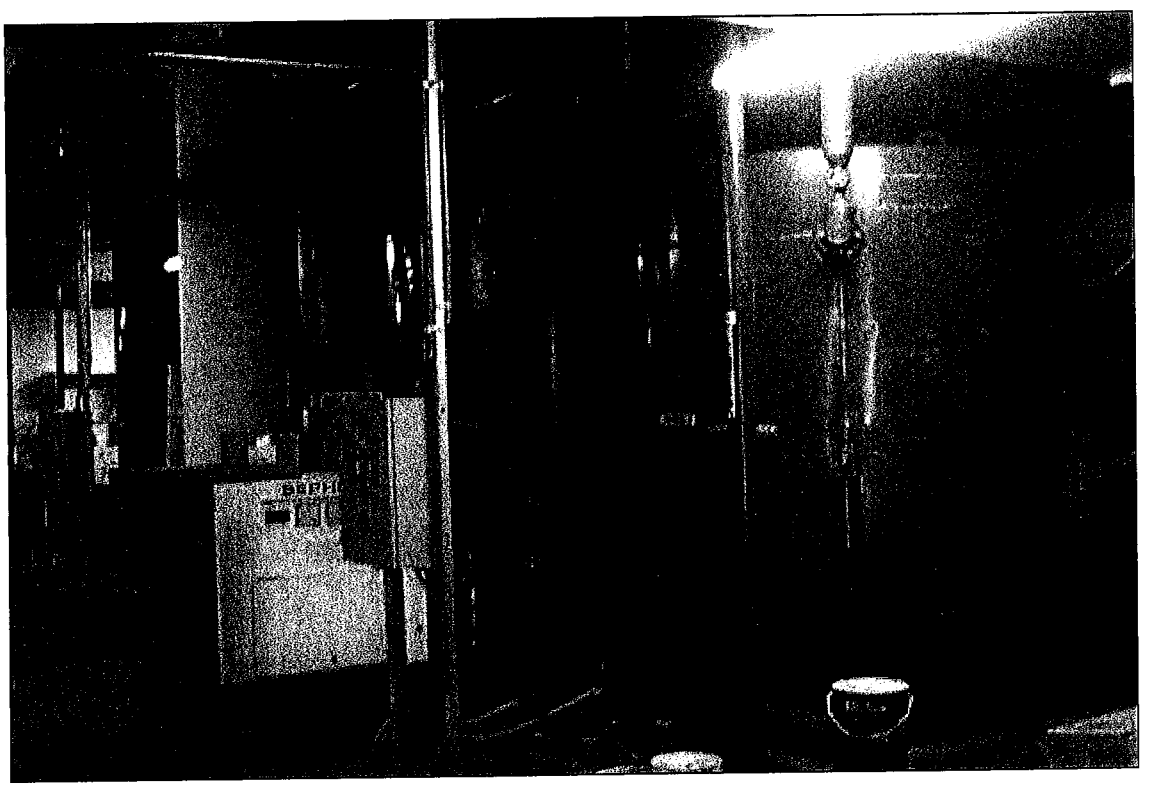
Photograph No. 26: SMF Insulation in Metal to Heat Exchanger



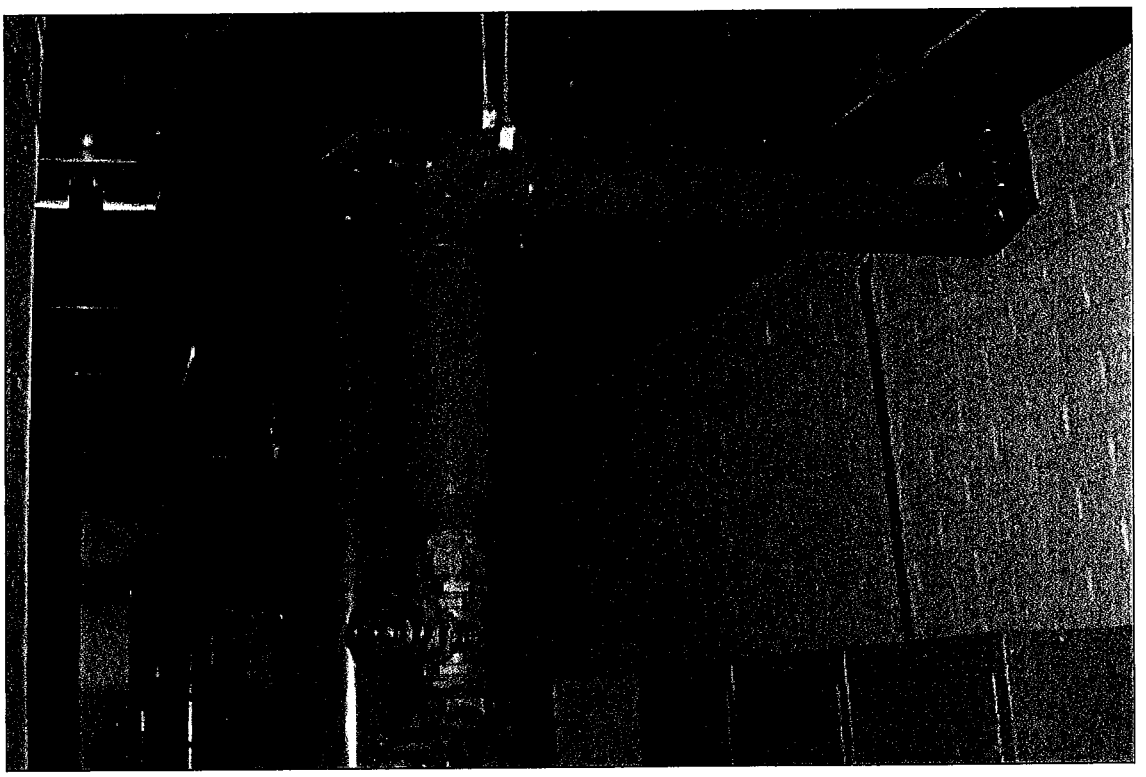
Photograph No. 27: SMF / Foil Insulation to Hot Water Pipes



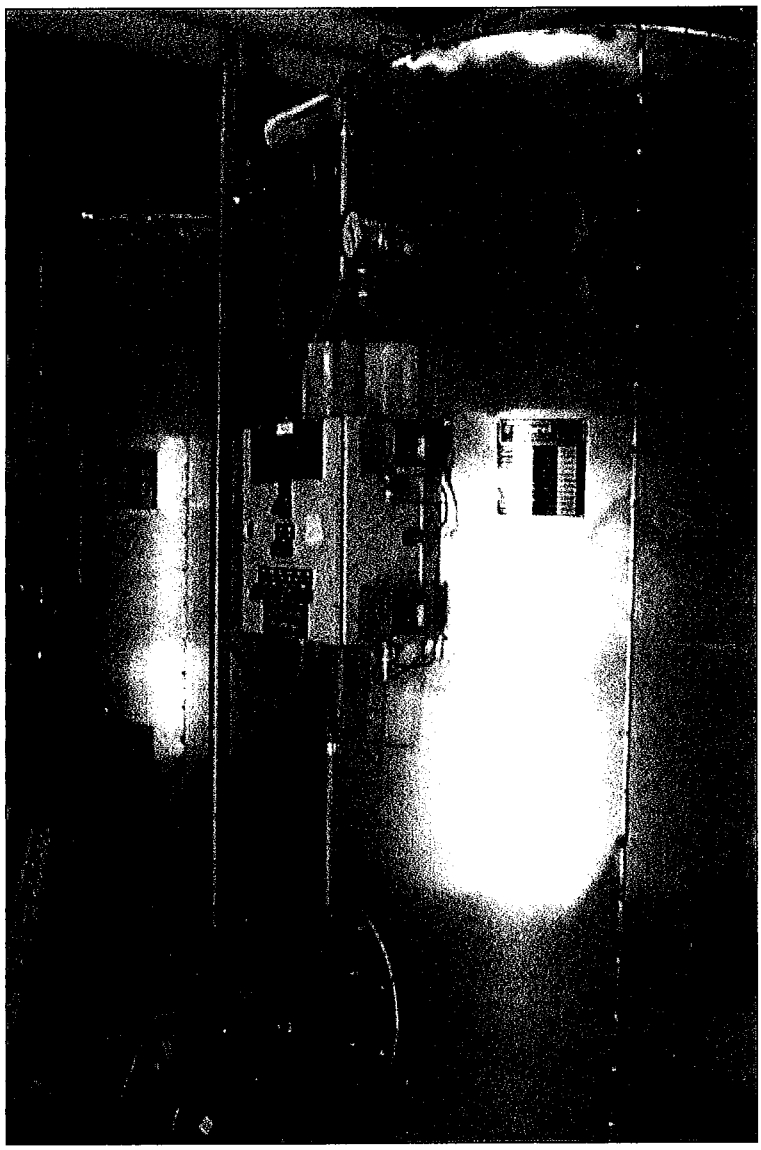
Photograph No. 28: SMF in Metal to Hot Water Storage Vessels



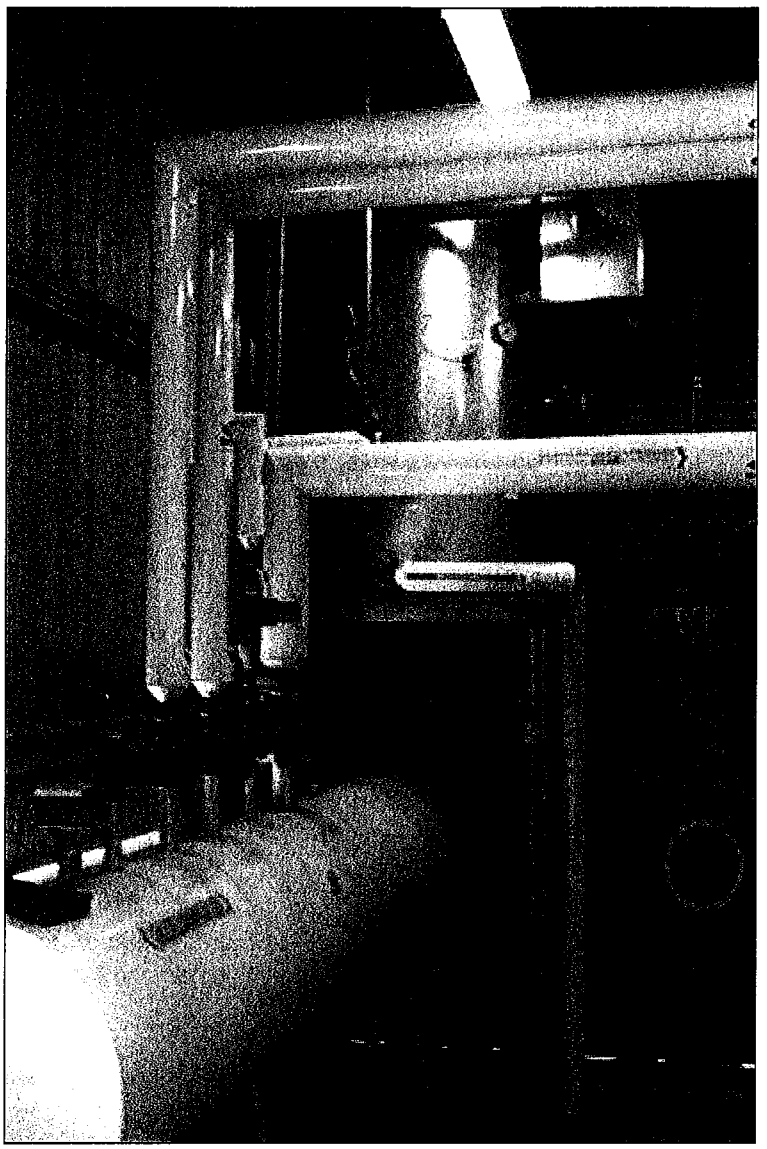
Photograph No. 29: SMF in Metal Insulation to Calorifiers



Photograph No. 30: SMF in Metal Insulation to Hot Water Pipes

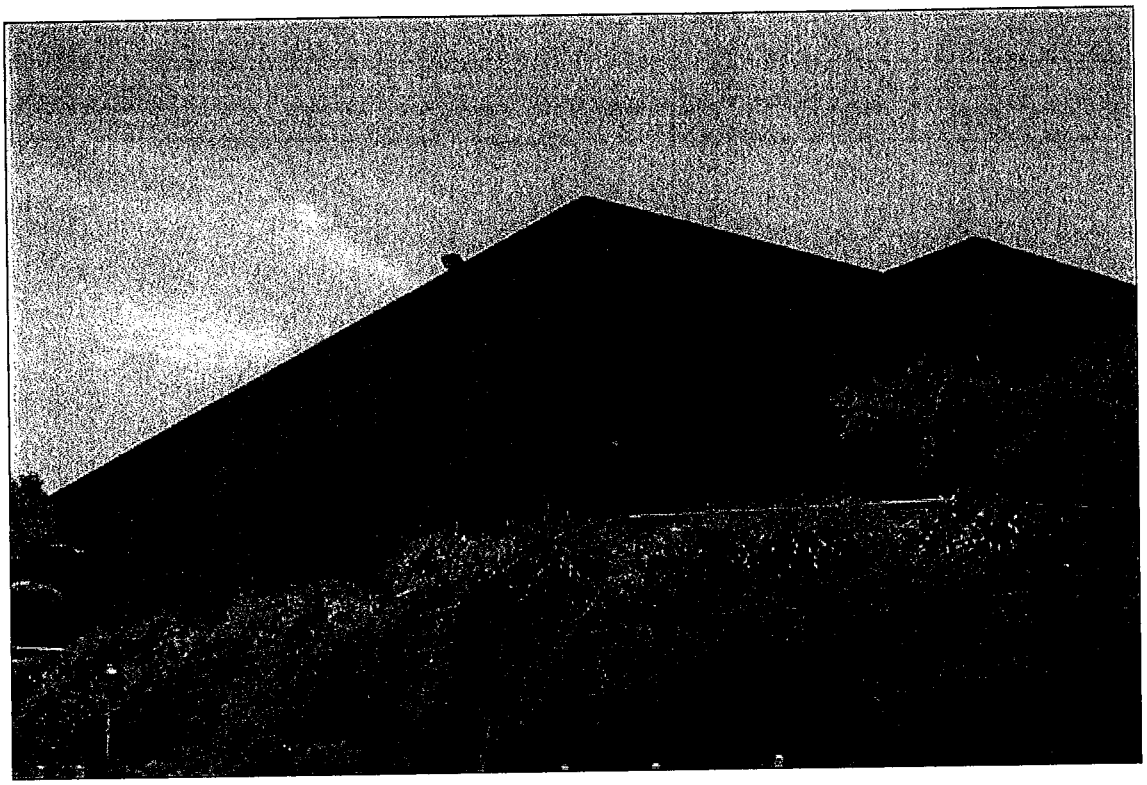


Photograph No. 31: SMF in Metal Insulation to Vessels, Pipes and Heat Exchanger in Boiler Room



Photograph No. 32: SMF in Metal Insulation to Vessels, Pipes and Heat Exchanger in Boiler Room

7.4 Building No. 4 - Stage 1 - Medical



Photograph No. 33: Building No. 4 - Stage 1 - Medical

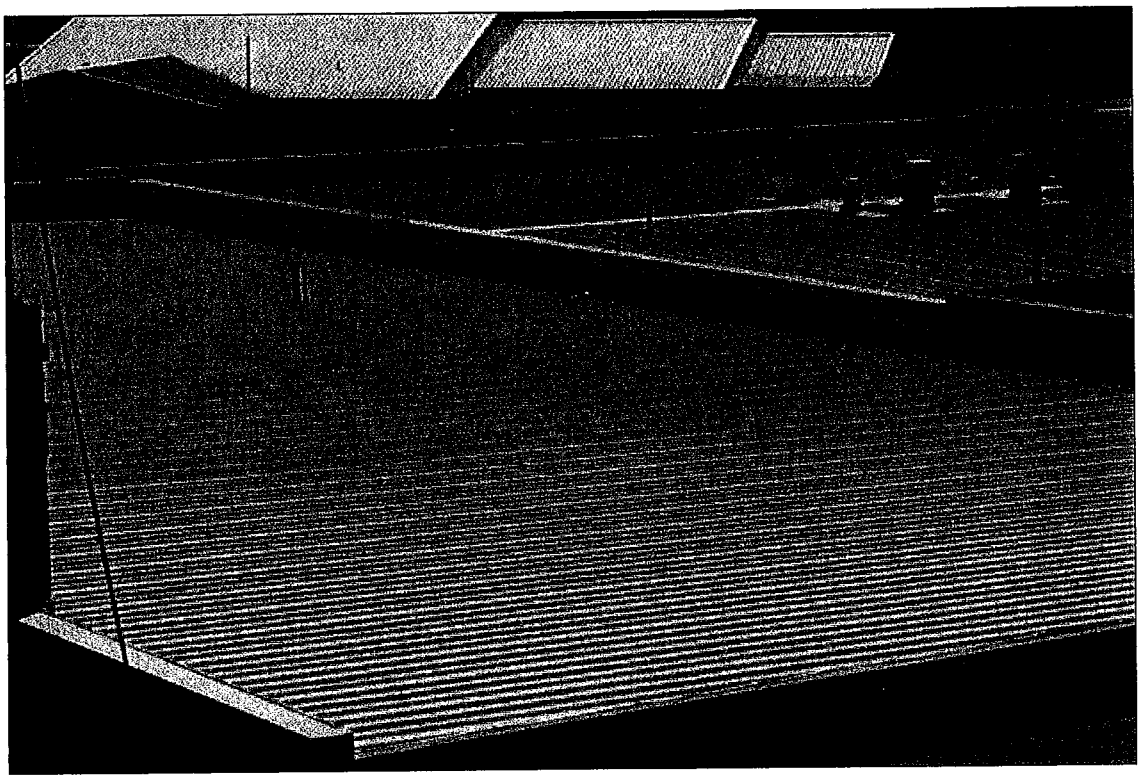
7.4.1 Building Exterior

The building is of reinforced concrete construction with brick walls, concrete floors and aluminium windows. The roof of the building is metal deck and concrete (see **Photograph No. 34**).

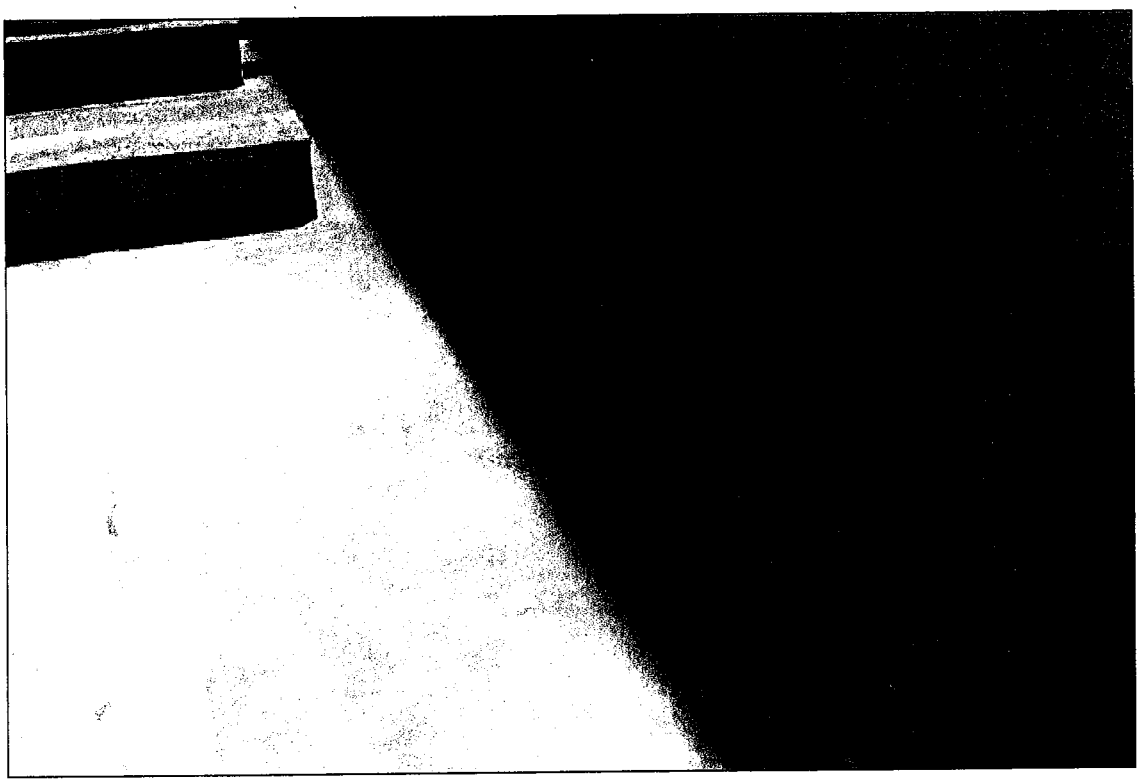
Asbestos materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Roof Entrance to Concrete Section	Asbestos Roof Membrane	4	35

No SMF materials were sighted on the exterior of the building.



Photograph No. 34: Metal Deck Roof to Main Part of Building



Photograph No. 35: Asbestos Roof Membrane to Part Roof

7.4.2 Roof Plant Rooms

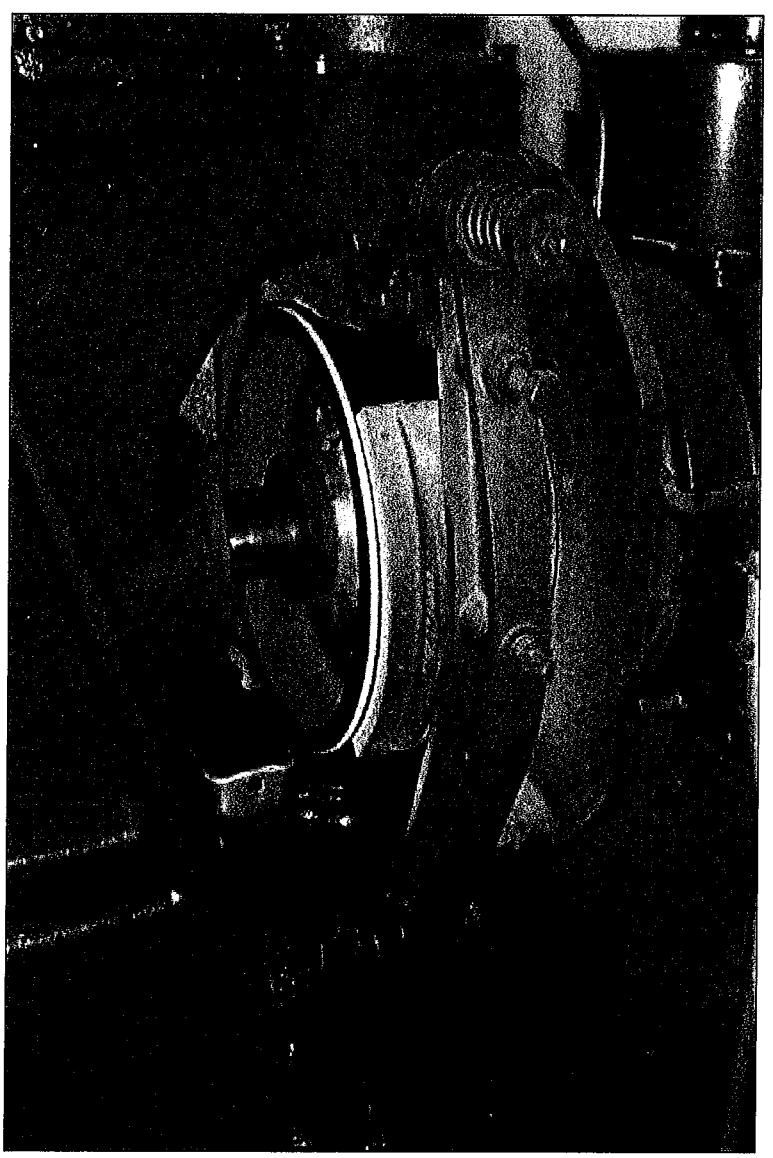
The roof plant rooms contain the lift motor room and air handling plant and water/fire services tank.

Asbestos materials were sighted as follows:

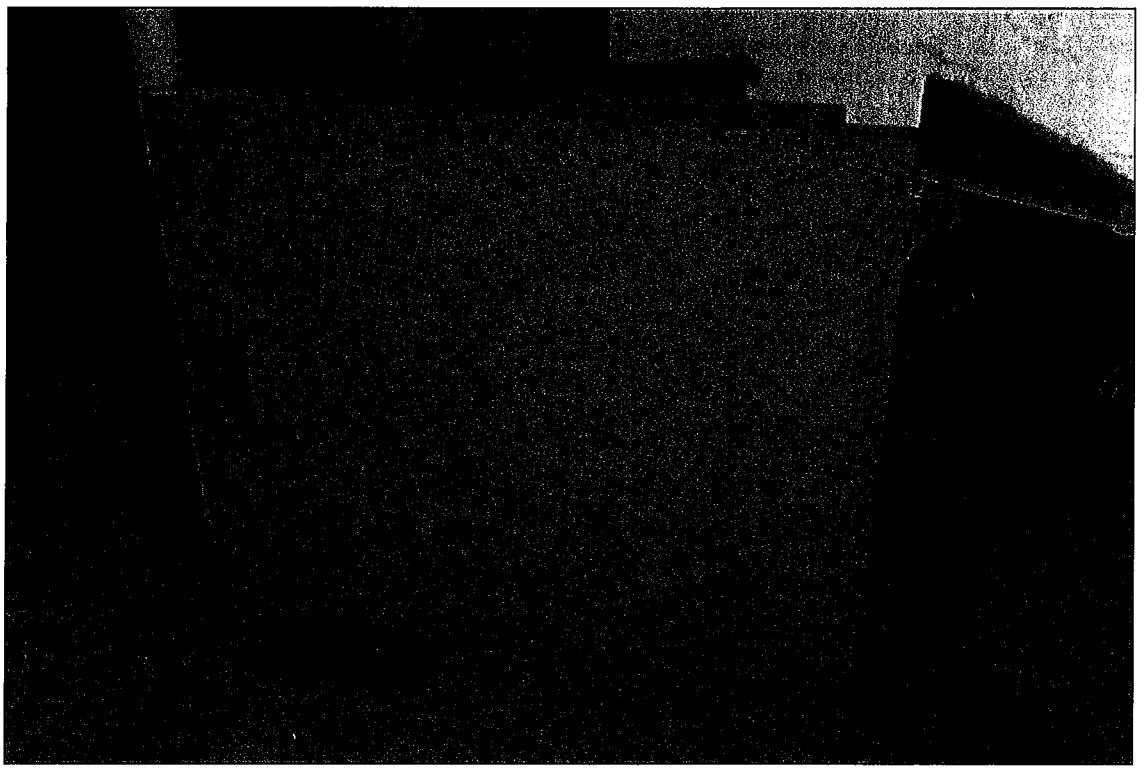
Location	Description	Sample No.	Photograph No.
Lift Motor Room - Lifts 9 and 10 - Lift Motor Brake Shoes	Suspected Asbestos Brake Shoes		36

SMF materials were sighted/detected as follows:

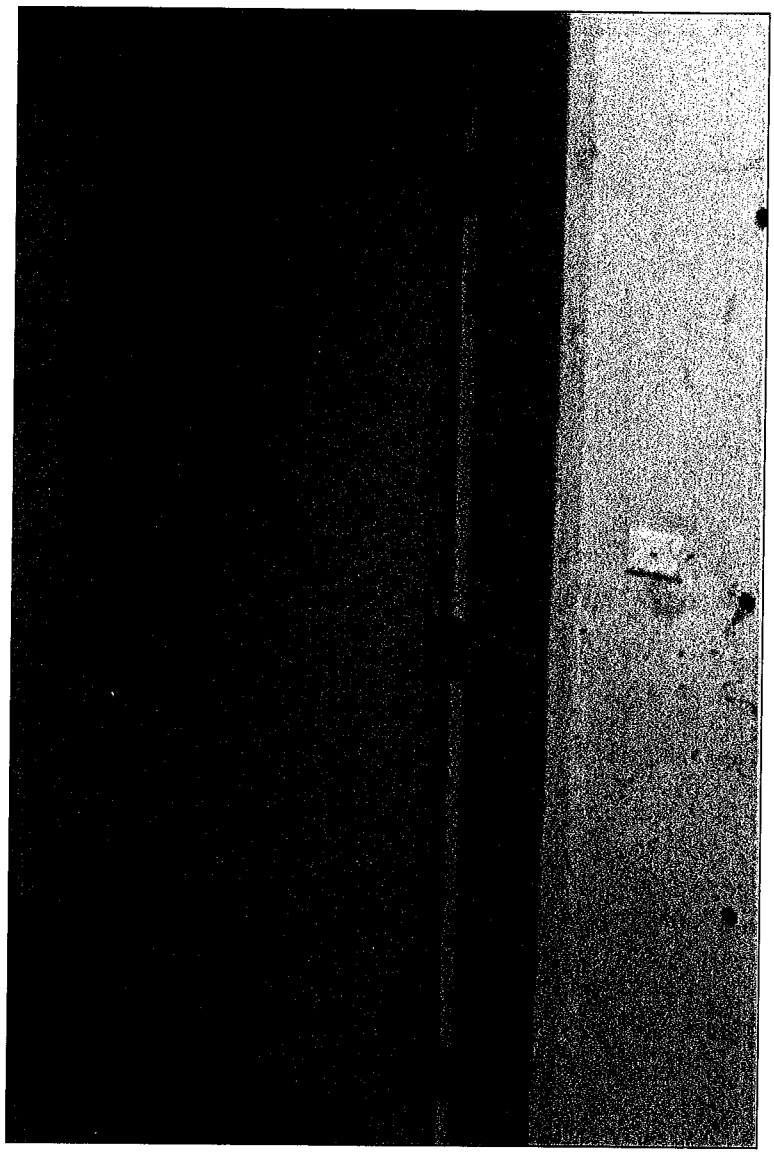
Location	Description	Sample No.	Photograph No.
Roof Insulation - Lift Motor Room	SMF on Foil/Wire		39
Plant room – Old Substation Doors	SMF Core		



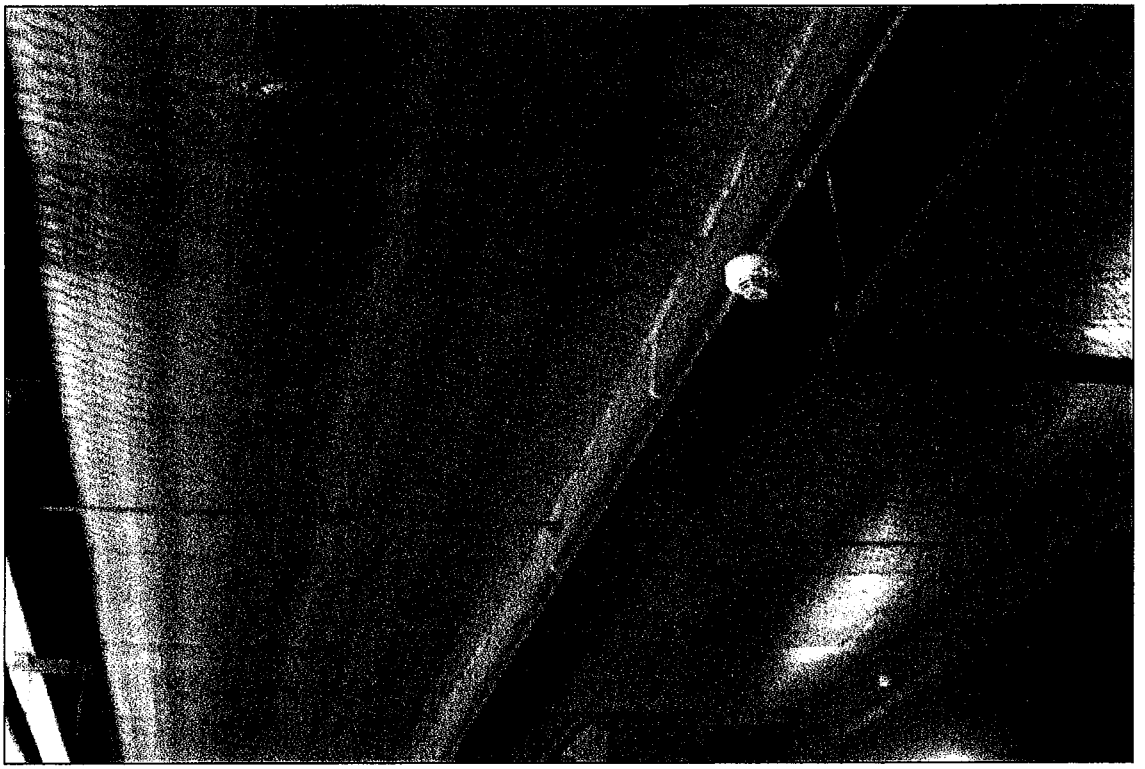
Photograph No. 36: Suspected Asbestos Brake Shoes to Lift Motor



Photograph No. 37: Fire Door - Plant Room Roof Space (Asbestos Free Core) SMF to Core



Photograph No. 38: Main Entry Door (Asbestos Free Core)



Photograph No. 39: SMF on Foil/Wire Insulation to Lift Motor Room Roof

7.4.3 Building Interior - Level 3

The Operating Theatres are located on this level and were not accessible at the time of inspection. The balance of the floor contains Recovery and Medical Ward 12.

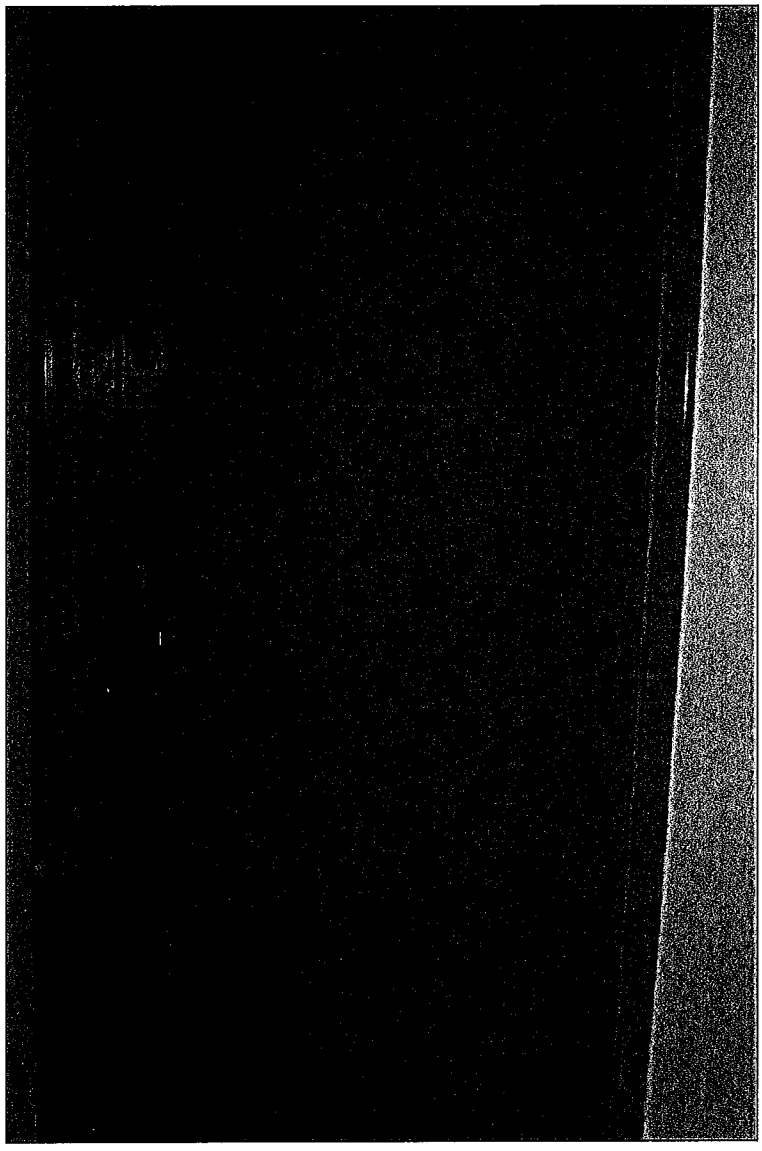
The walls are rendered masonry with metal ceiling tiles to the ward corridors. The ward ceilings are concrete with a stucco finish. The ceilings to the wet areas are plasterboard. The floors are covered with carpet and sheet vinyl. Ceramic tiles are laid on the floor of the wet areas.

Asbestos materials were sighted as follows:

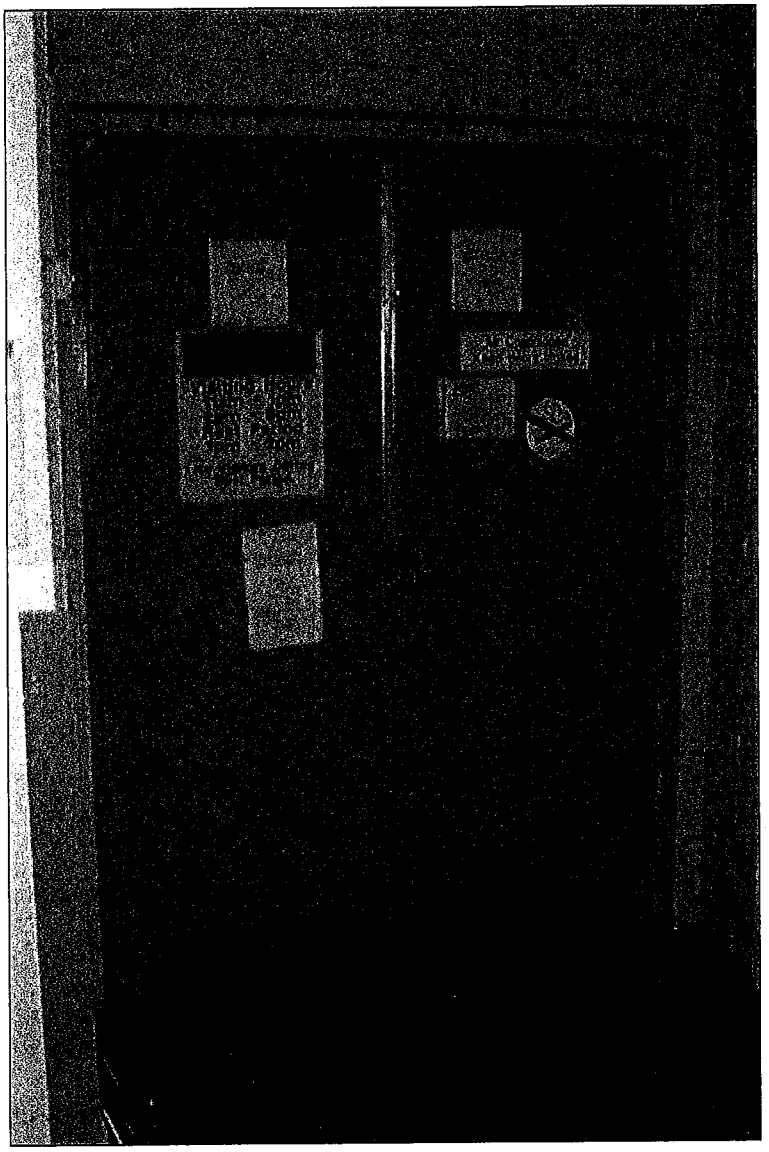
Location	Description	Sample No.	Photograph No.
Manhole Covers (Selected) - Wet Areas	Suspected Flat A/C Sheet		42

SMF materials were sighted as follows:

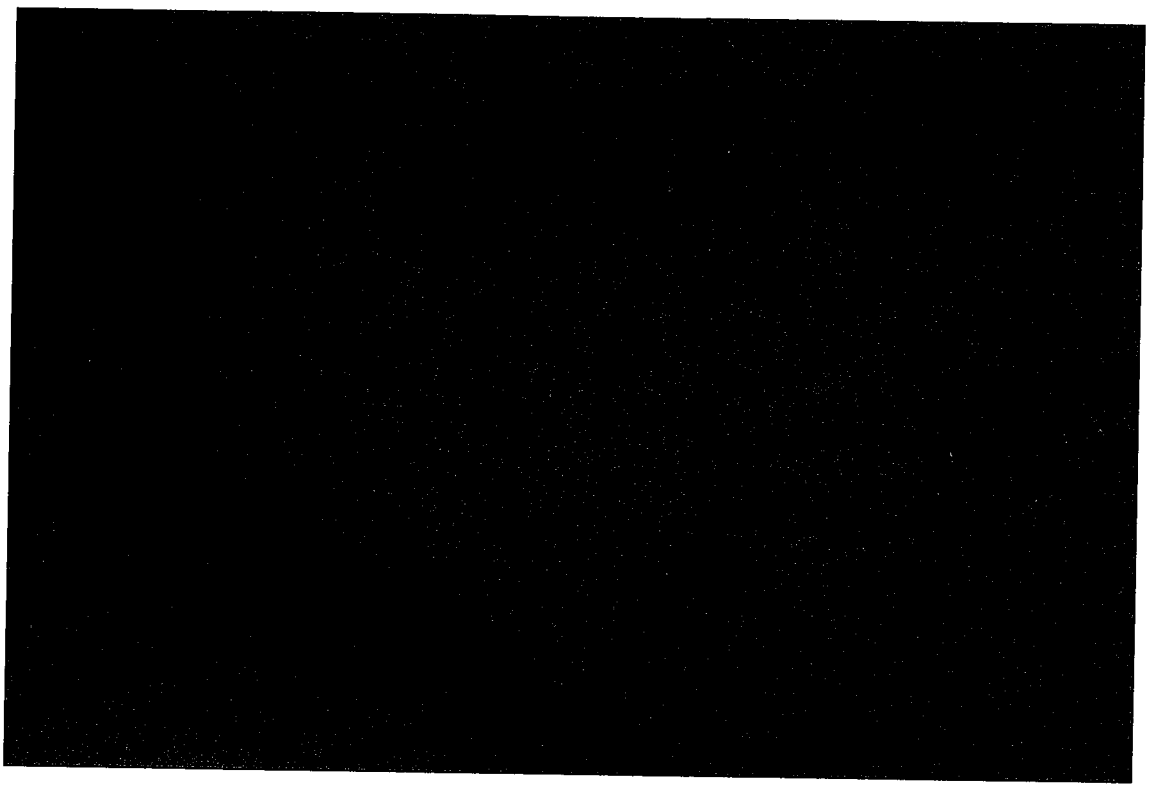
Location	Description	Sample No.	Photograph No.
Wards - Corridor Ceilings Insulation	SMF Behind Metal Tiles		43, 44
Ceiling Space - Wet Areas - Hot Water Pipes - Insulation	SMF in Foil		45
Pan Room - Pipework Insulation	SMF in Foil		46
Level 3 Fire Door to Stairs Typical – Core to Door	SMF		40



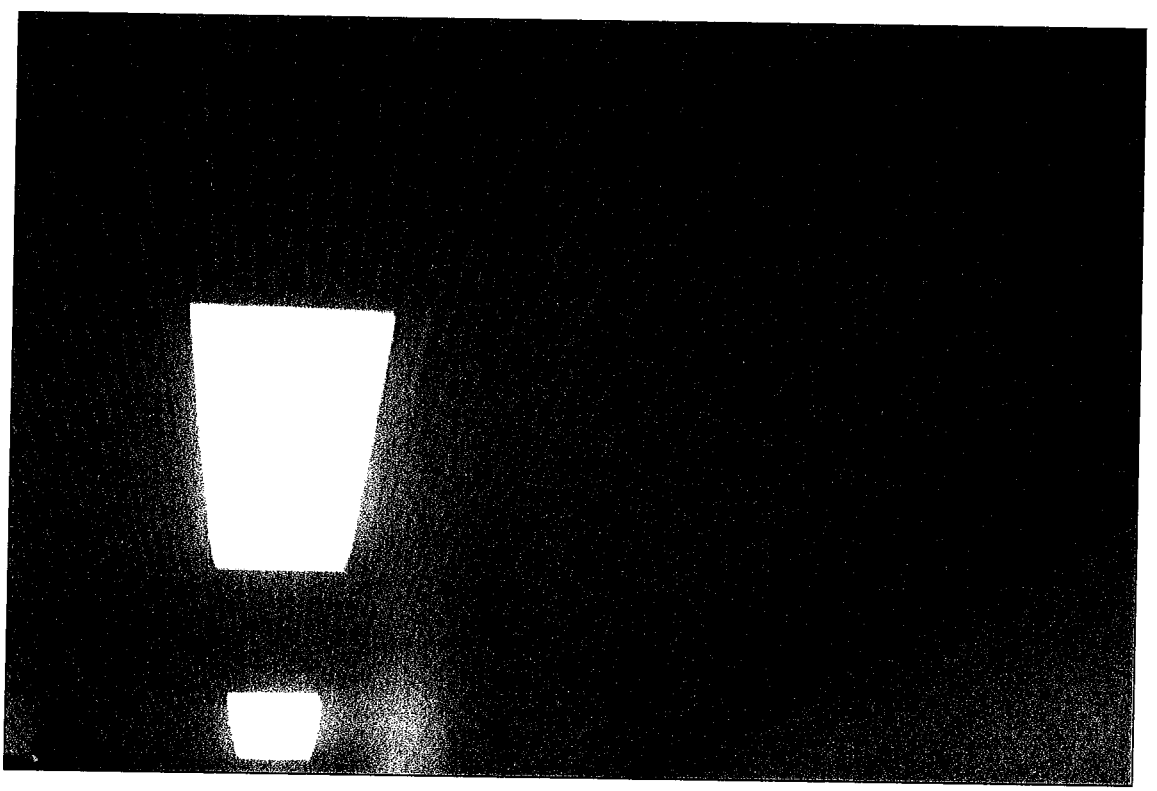
Photograph No. 40: Typical Fire Door to Fire Stairs with Asbestos Free Core. SMF existing to Core.



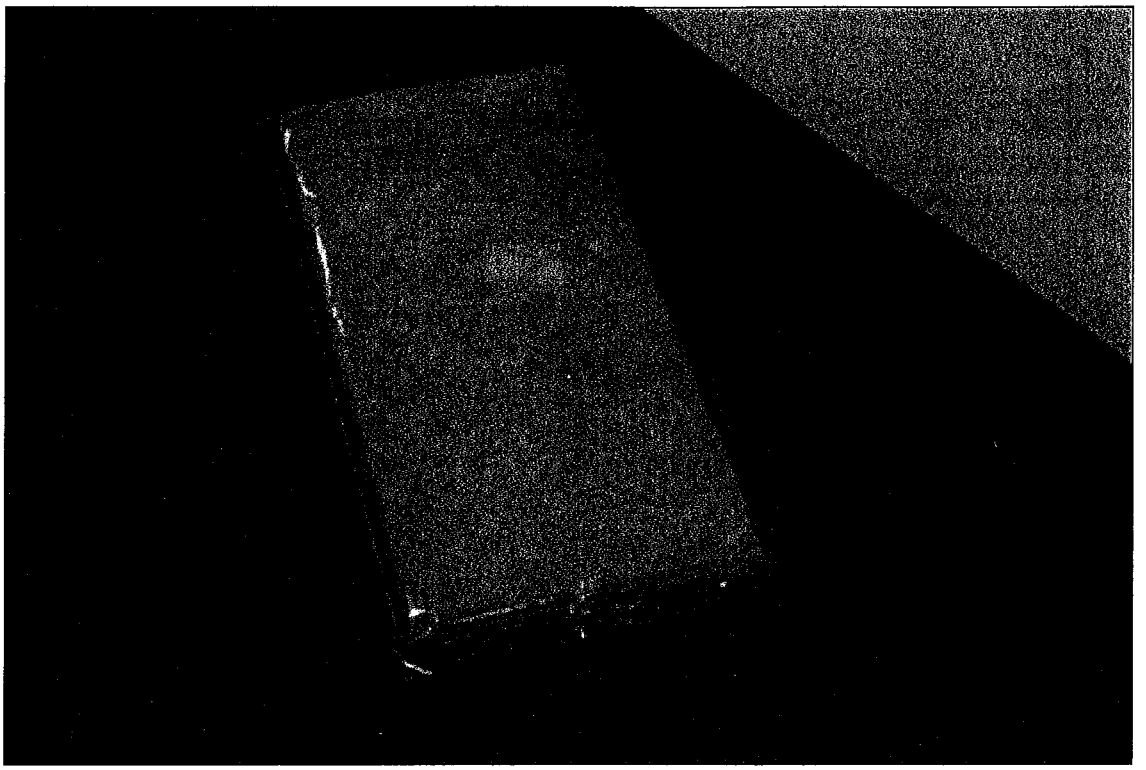
Photograph No. 41: Typical Ward Entry Doors with Asbestos Free Core



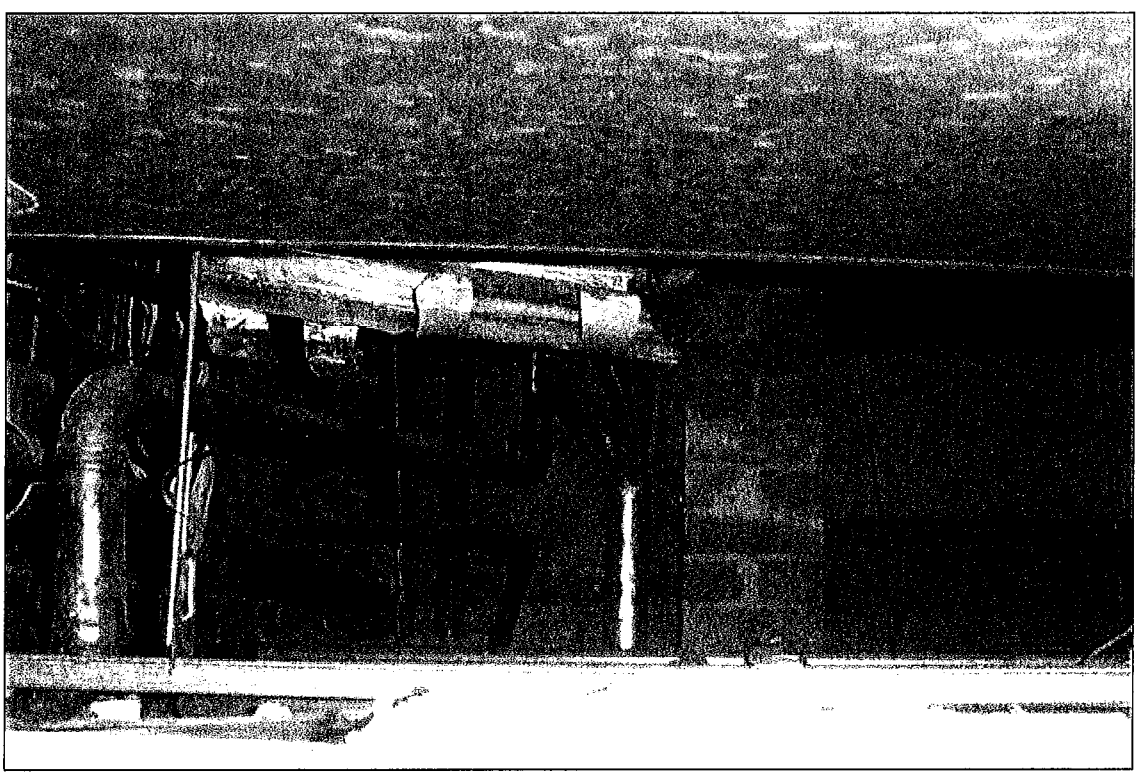
Photograph No. 42: Typical Suspected Asbestos Cement Manhole Cover - Pan Room - Level 3



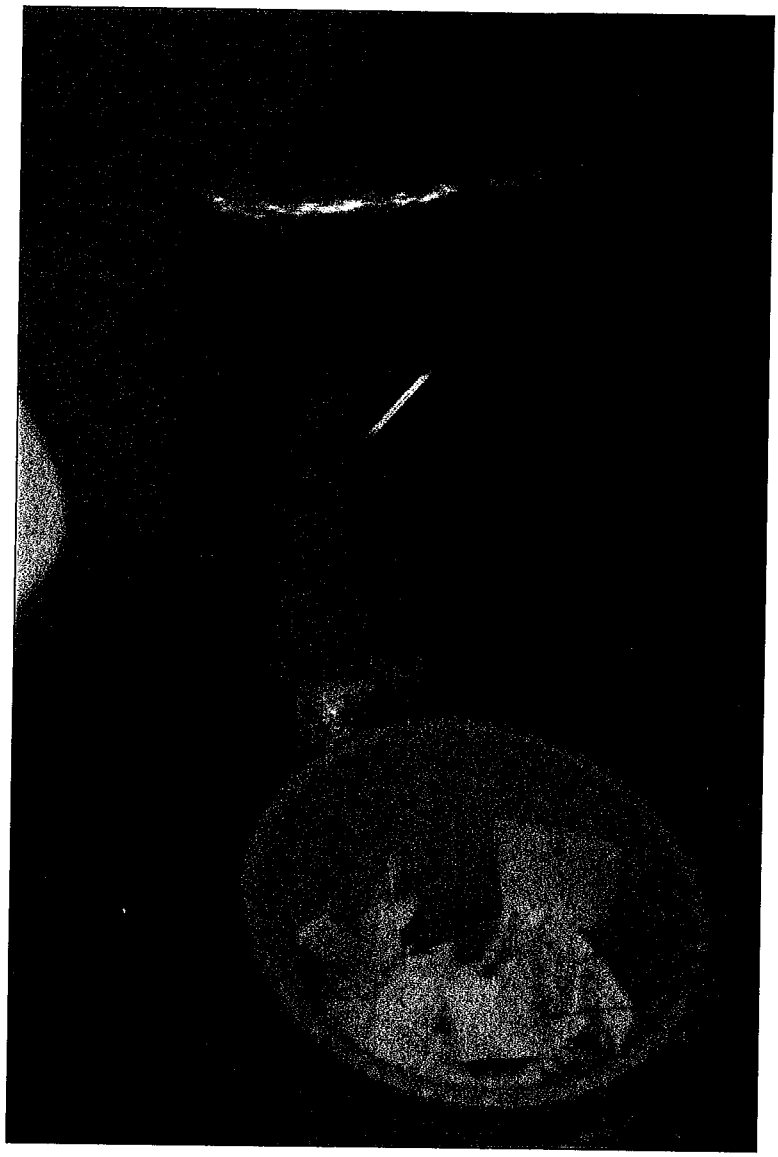
Photograph No. 43: Metal Ceiling Tiles with SMF/Plaster Backing



Photograph No. 44: Metal Tile Showing SMF Insulation in Plastic



Photograph No. 45: SMF Insulated Pipe in Ceiling Space/Riser (Note: Damage)



Photograph No. 46: SMF/Foil Insulation to Steriliser Pipe in Pan Room

7.4.4 Building Interior - Level 2

The walls on this level are rendered masonry with metal ceiling tiles to the ward corridors. The ward ceilings are similar to Level 3. The finishes to the wet areas are similar to Level 3.

The Old X-Ray Area has sheet vinyl to the floors and walls.

The Emergency Department has masonry (rendered) and plasterboard walls and metal ceiling tile with sheet vinyl laid on the floor.

Asbestos materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Manhole Covers (Selected) - Wet Areas	Suspected Flat A/C Sheet		

SMF materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Wards - Corridor Ceiling Insulation	SMF Behind Metal Tiles		
Ceiling Space Wet Areas - Hot Water Pipework	SMF in Foil		
Pan Room - Pipe Insulation	SMF in Foil		
Emergency Department - Ceiling Insulation	SMF Behind Metal Tiles		
Emergency Department Ceiling Space - Hot Water Pipework	SMF in Foil		

7.4.5 Building Interior - Level 1

This level contains main plant room, kitchen, service tunnel to other buildings, mail room, domestic services, linen services, pharmacy and medical records.

The Main Plant Room contain chillers and air handling plant, bathing room, main switchroom, standby generator room and boiler room.

The walls on this level are generally concrete blockwork and brickwork. The ceilings are concrete, plaster tile and plasterboard. The floors are covered with carpet, sheet vinyl and ceramic tiles. The floor to the Plant Room is bare concrete.

Asbestos materials were sighted as follows:

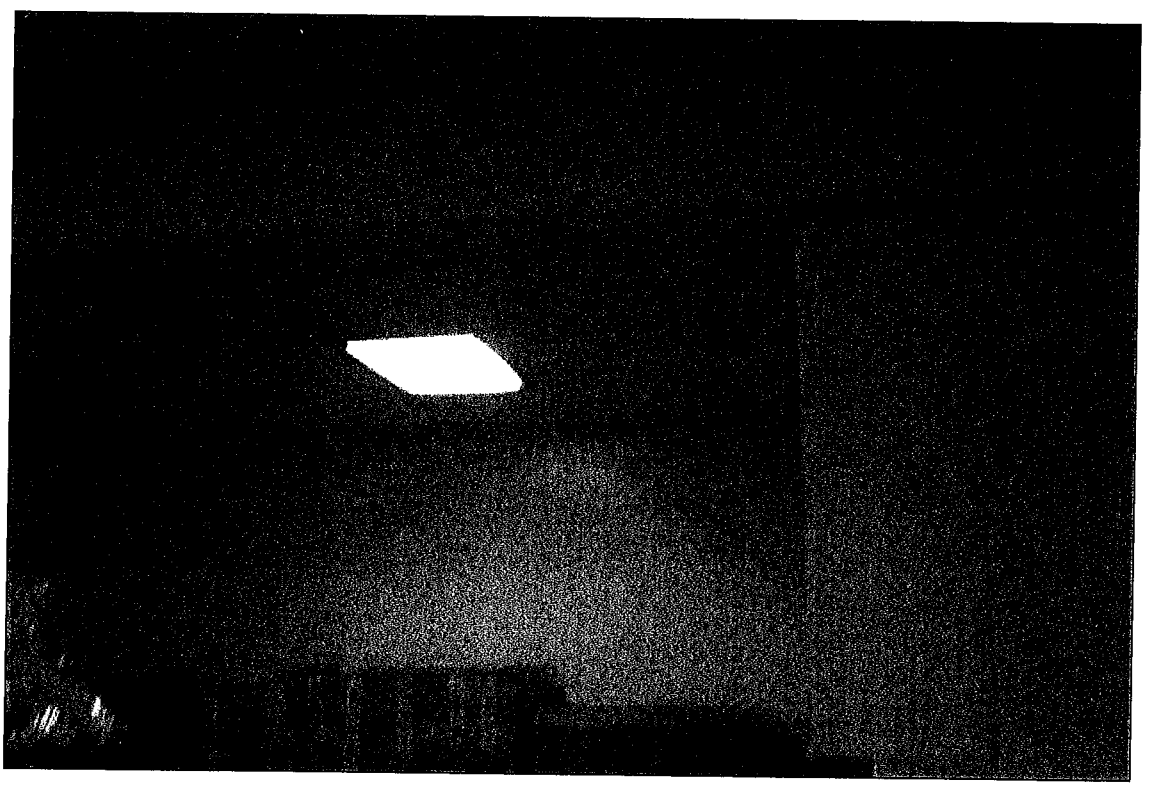
Location	Description	Sample No.	Photograph No.
Main Switchroom - Old Switchboard	Suspected Zelminite Backing Board		47
Entry Door - Boiler Room	Asbestos Core	13	50
Kitchen Store - Ceiling Tiles	Flat A/C Sheet	11	49

SMF materials were sighted as follows:

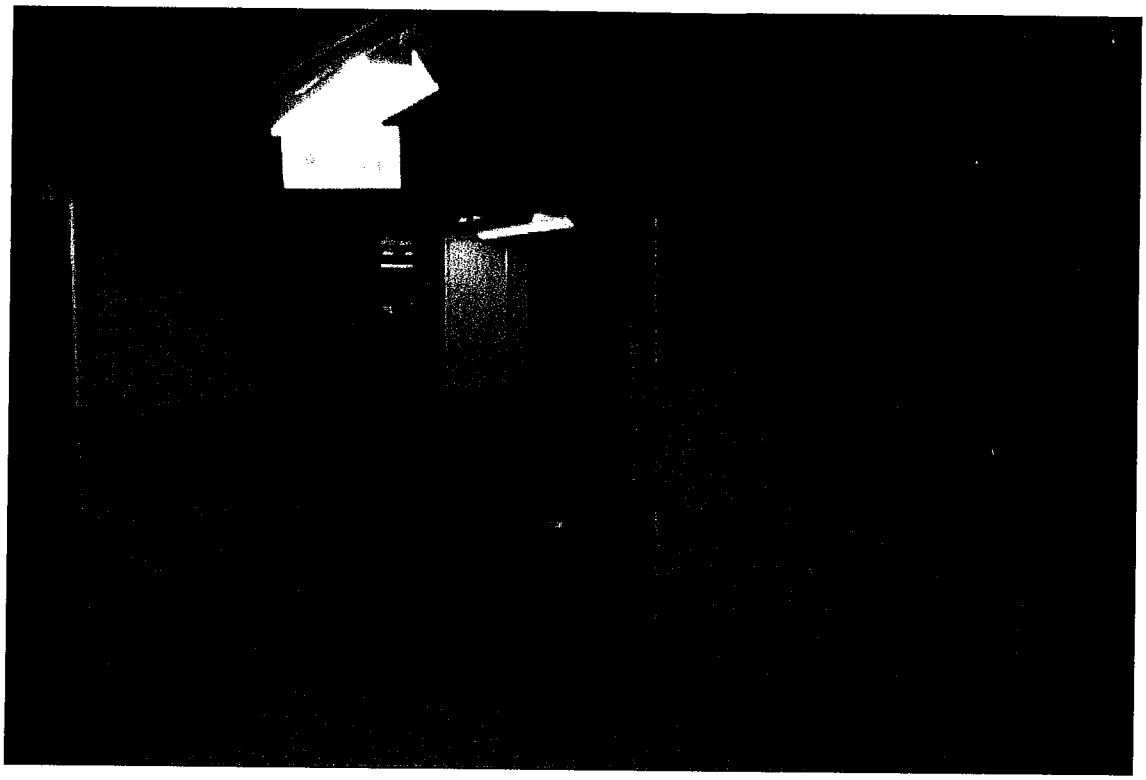
Location	Description	Sample No.	Photograph No.
A/C Plant Room - Store Pipework - Insulation	SMF in Metal		51
Tunnel - Hot Water/Store Pipe Insulation	SMF in Foil		52
Boiler Insulation	SMF in Metal		53
Exhaust Manifold to Generator	SMF in Cloth		54
Boiler Room - Calorifier Pipework Insulation	SMF in Metal		55
Corridors - Pipework Insulation	SMF in Foil		56
Kitchen Ceiling - A/C Ducts Insulation	SMF in Plastic / Foil		57
Pharmacy Ceiling - A/C Ducts/Pipework Insulation	SMF in Plastic / Metal		58
Medical Records Ceiling Space - Insulation to A/C Pipework	SMF in Plastic / Foil / Metal		
Kitchen Entry Rear Core to Doors	SMF		

Photograph No. 47: Old Suspected Zelminite Board in Main Switchroom

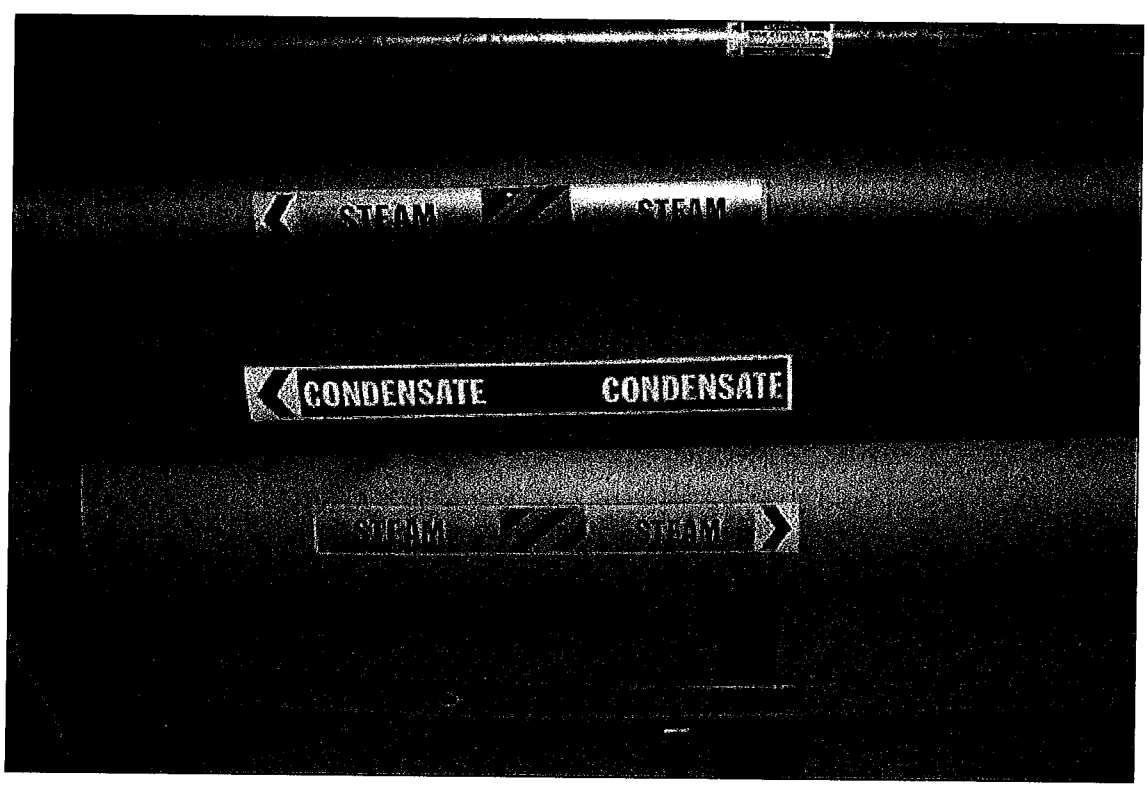
Photograph No. 48: Vermiculite to Tunnel Ceiling (Asbestos Free)



Photograph No. 49: Asbestos Ceiling Tiles to Kitchen Store

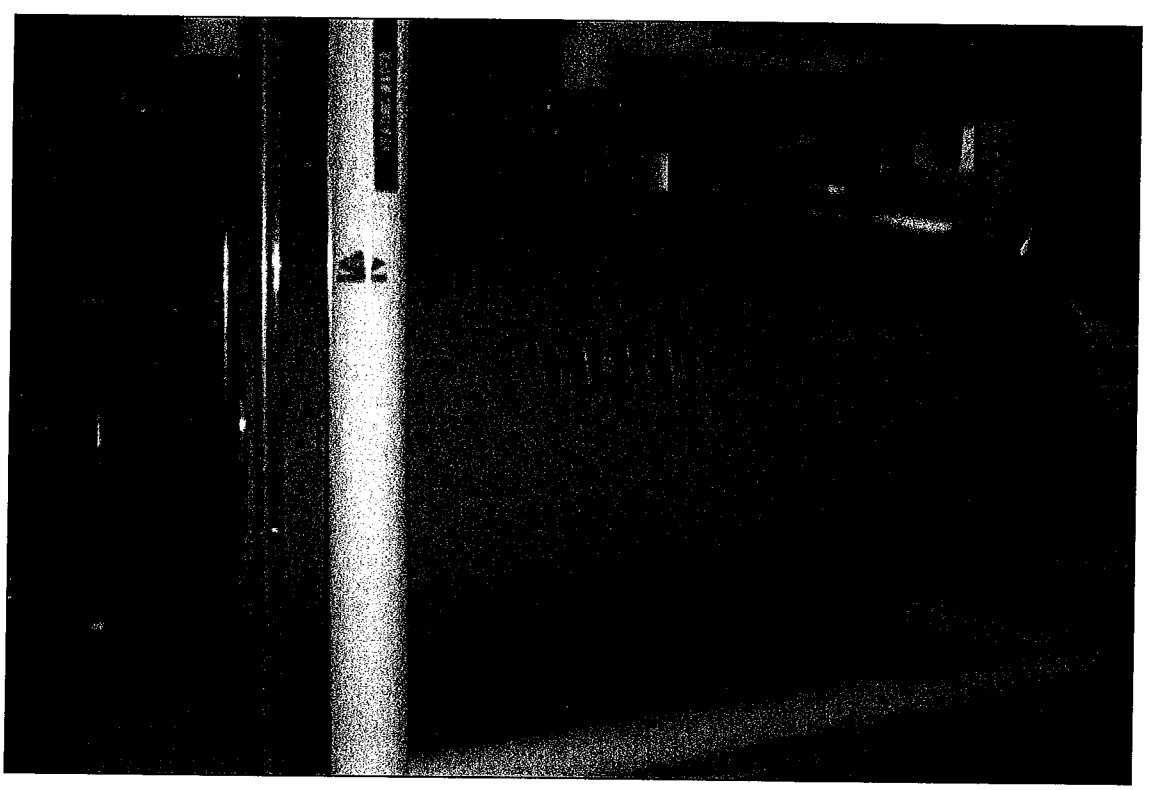


Photograph No. 50: Fire Doors to Boiler Room with Asbestos Core



Photograph No. 51: SMF Insulation (in Metal) to Steam Lines in Plant Room

Photograph No. 52: Old Hot Water Steam Pipes in Tunnel Ceiling Space Insulated with SMF in Foil

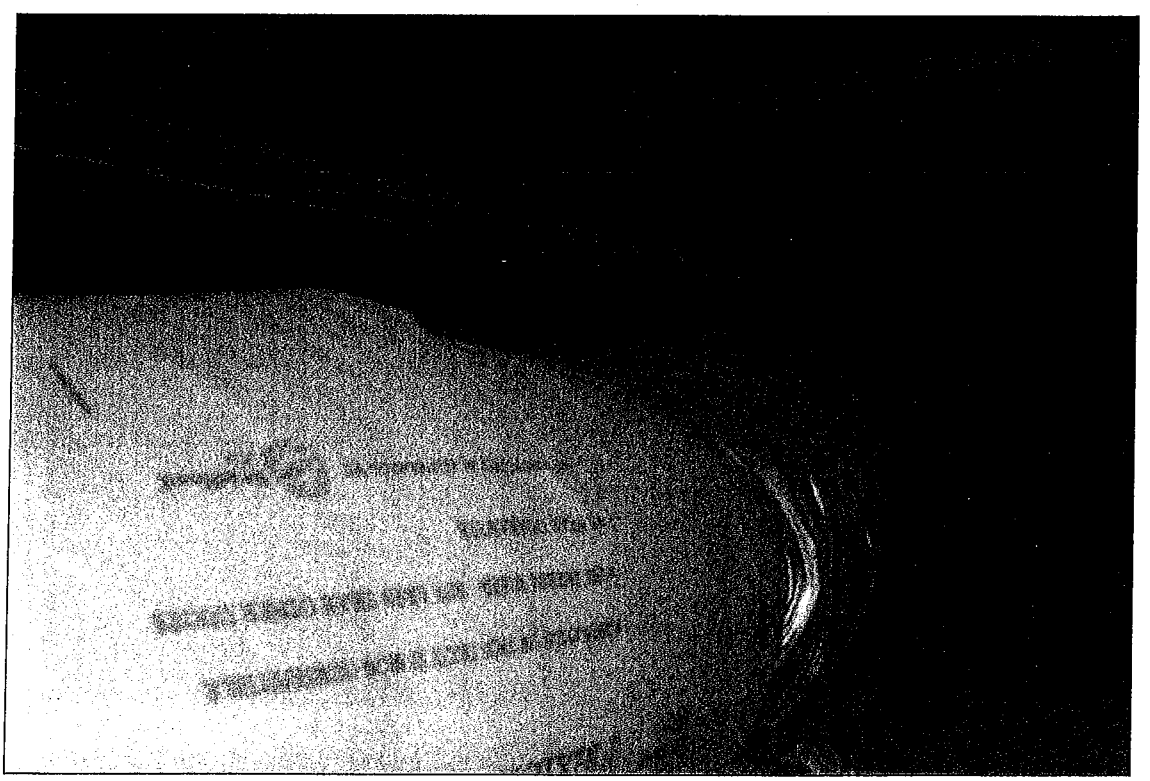


Photograph No. 53: Boilers in Boiler Room Insulated with SMF

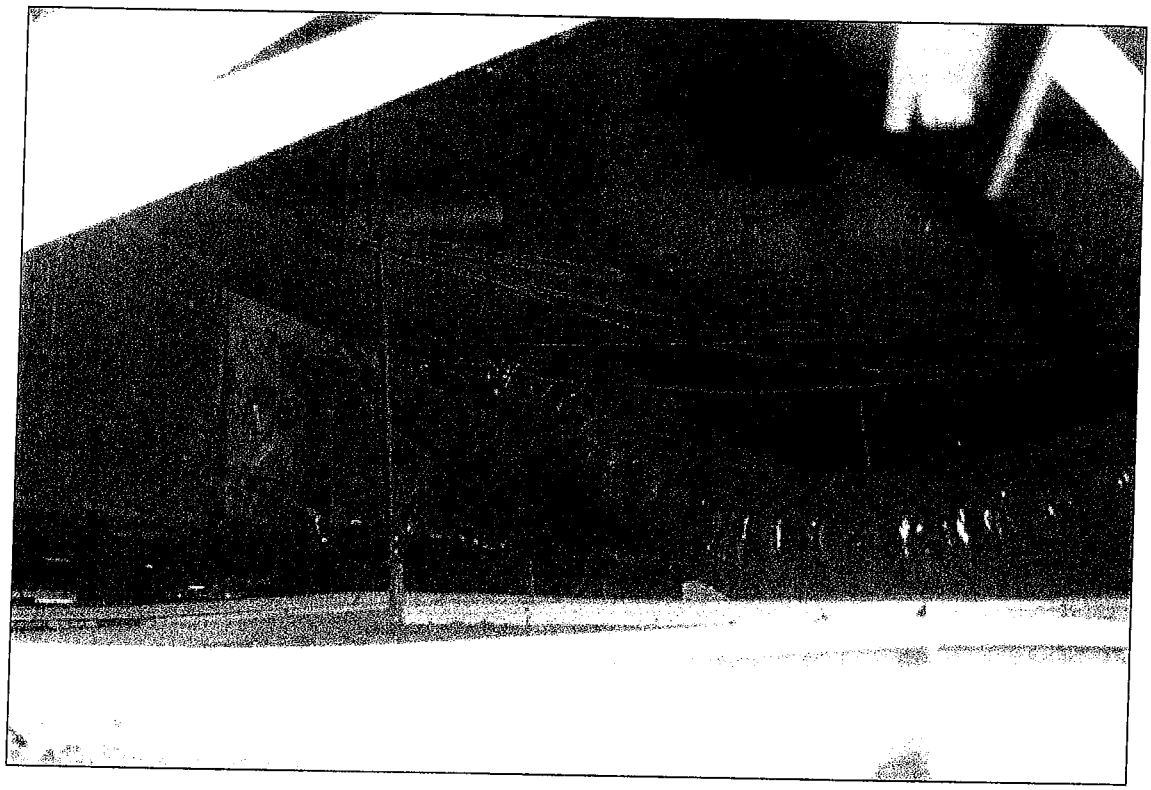
Photograph No. 54: Standby Generator Manifold Insulated with SMF in Cloth

Photograph No. 55: Calorifier and Hot Water Pipes Insulated with SMF in Metal

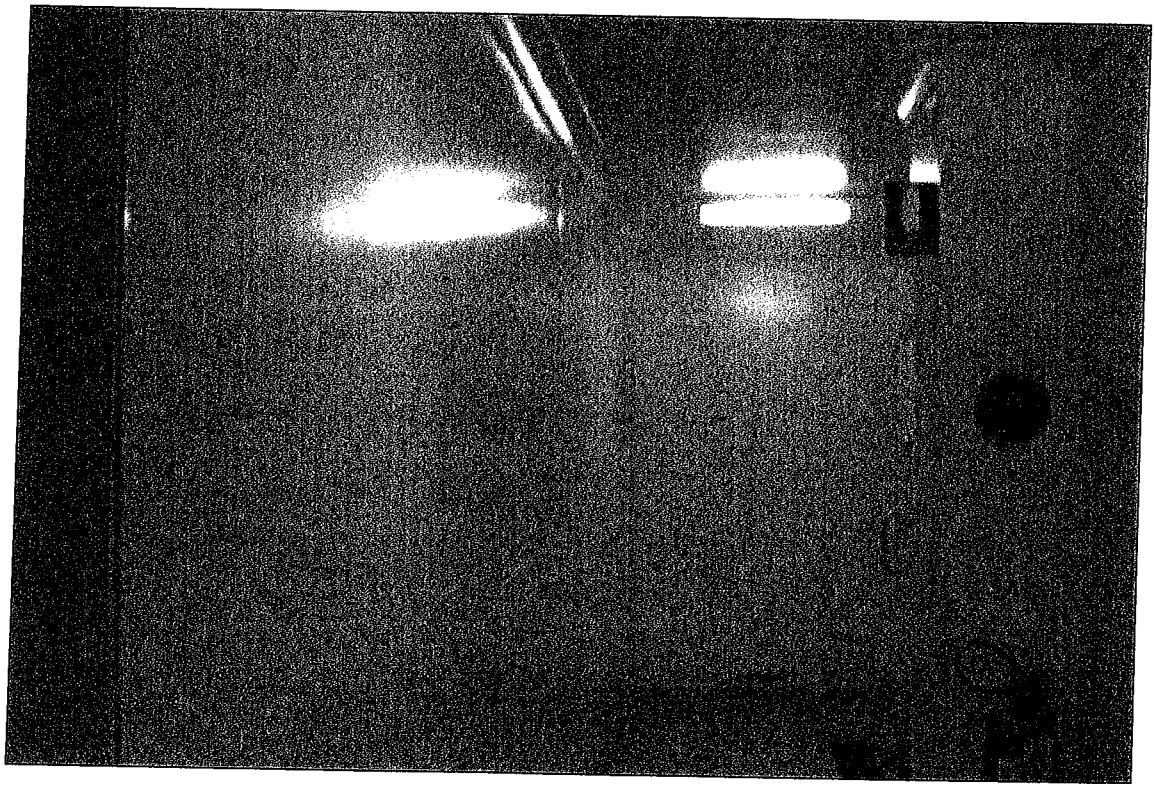
Photograph No. 56: Corridors - Hot Water Pipes Insulated with SMF in Foil



Photograph No. 57: Kitchen Ceiling Space A/C Ductwork Insulated with SMF in Plastic/Foil

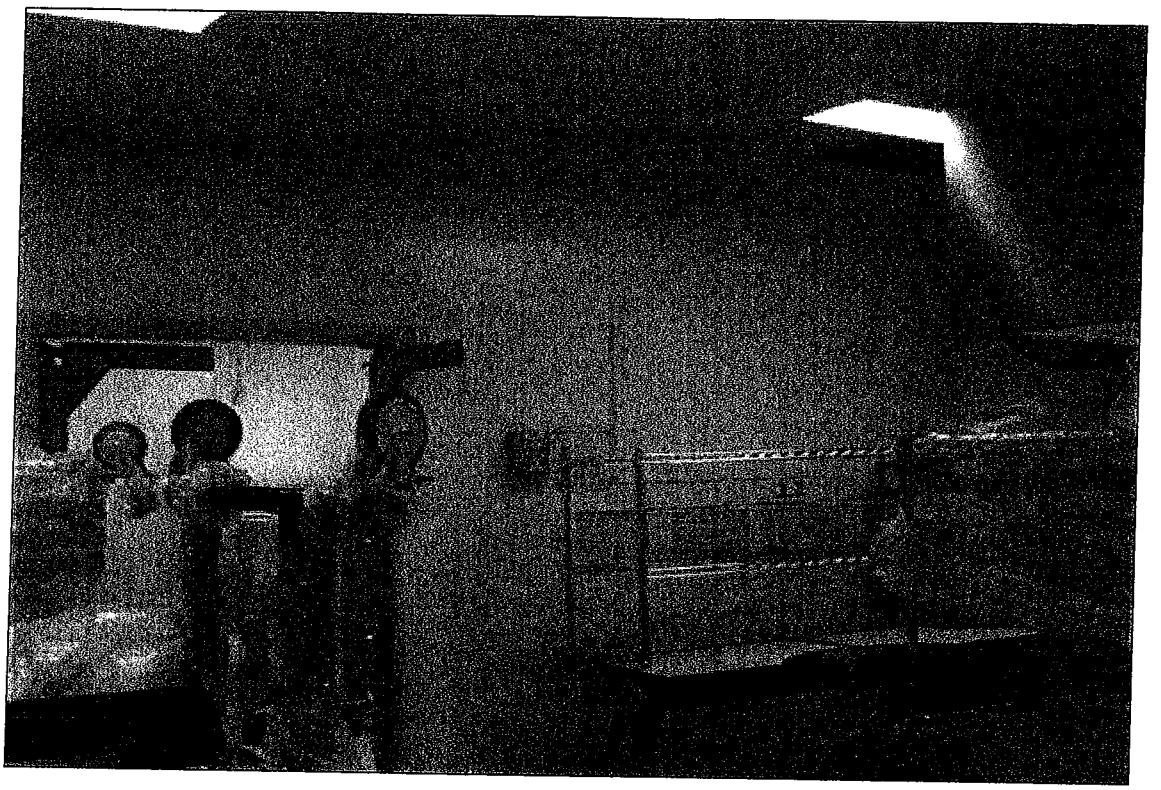


Photograph No. 58: Pharmacy Ceiling Space Insulation to A/C Ducts (SMF in Plastic) and Hot Water Pipes (SMF in Metal)



Photograph No. 59: Fibrous Cement wall Lining between Kitchen and Linen Services

The wall lining to the corridor between the kitchen and linen services is hard flat fibrous cement sheet. As in the internal dividing walls in the kitchen (see **Photographs No. 59** and **No. 60**).



Photograph No. 60: Fibrous Cement Wall Lining to Dividing Walls in Kitchen Washing / Serving Area

7.4.6 Building Interior - Lower Ground

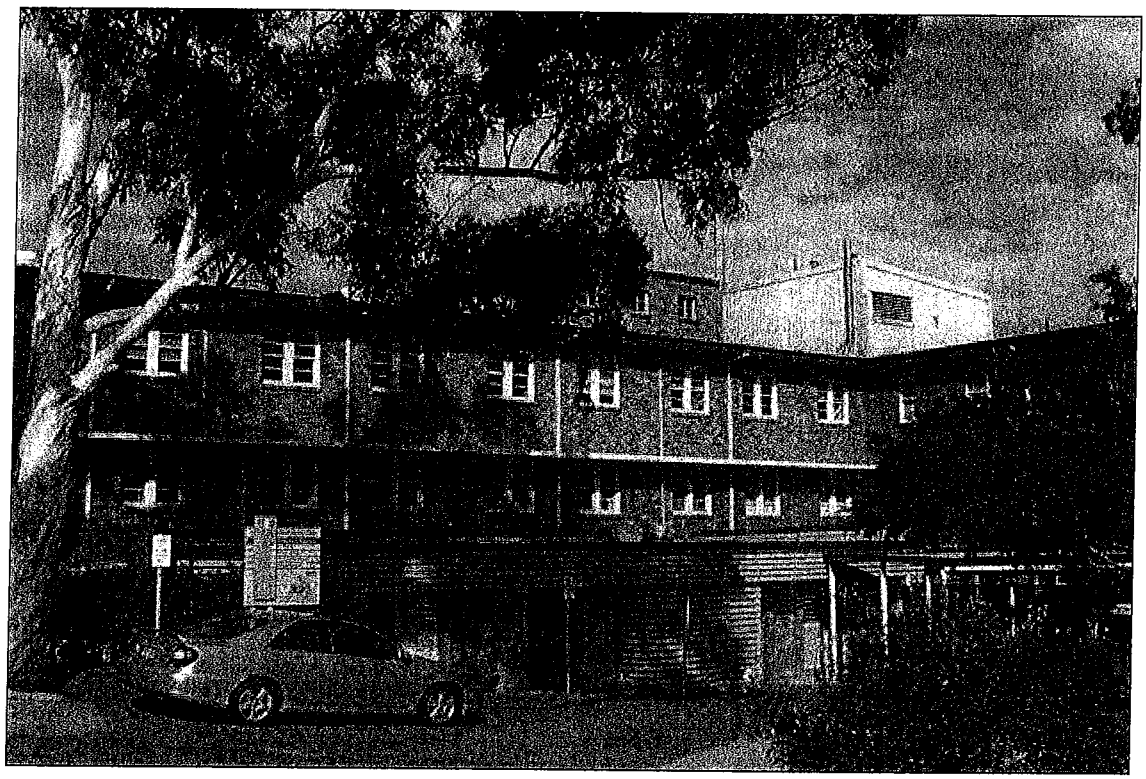
This section contains the Nutrition Department. The ceilings are plaster tile and plasterboard. The walls are rendered masonry and plasterboard. The floors are concrete with sheet vinyl and carpet.

No asbestos materials were sighted on this level.

SMF materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Ceiling Space and Sub-Floor - A/C Ductwork - Hot Water Pipework	SMF Insulation in Plastic/Foil/Metal		

7.5 Building No. 5 - Medical Wards & Outpatients



Photograph No. 61: Building No. 5 - Medical Wards and Outpatients

This building contains four levels on the lower side of the building and two levels on the Holden Street side (old Main Entry).

7.5.1 Building Exterior

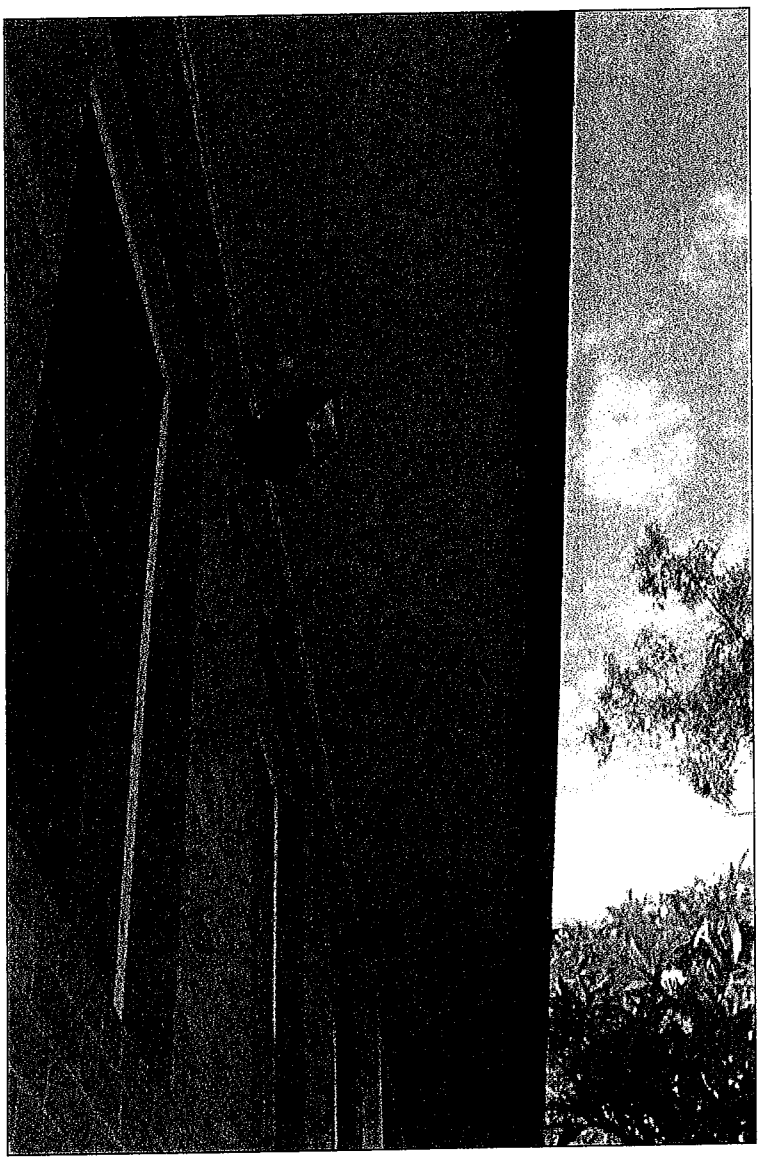
The building is of brick construction with concrete floors and timber framed/metal windows. The roof is metal deck and cement tile.

Asbestos materials were sighted as follows:

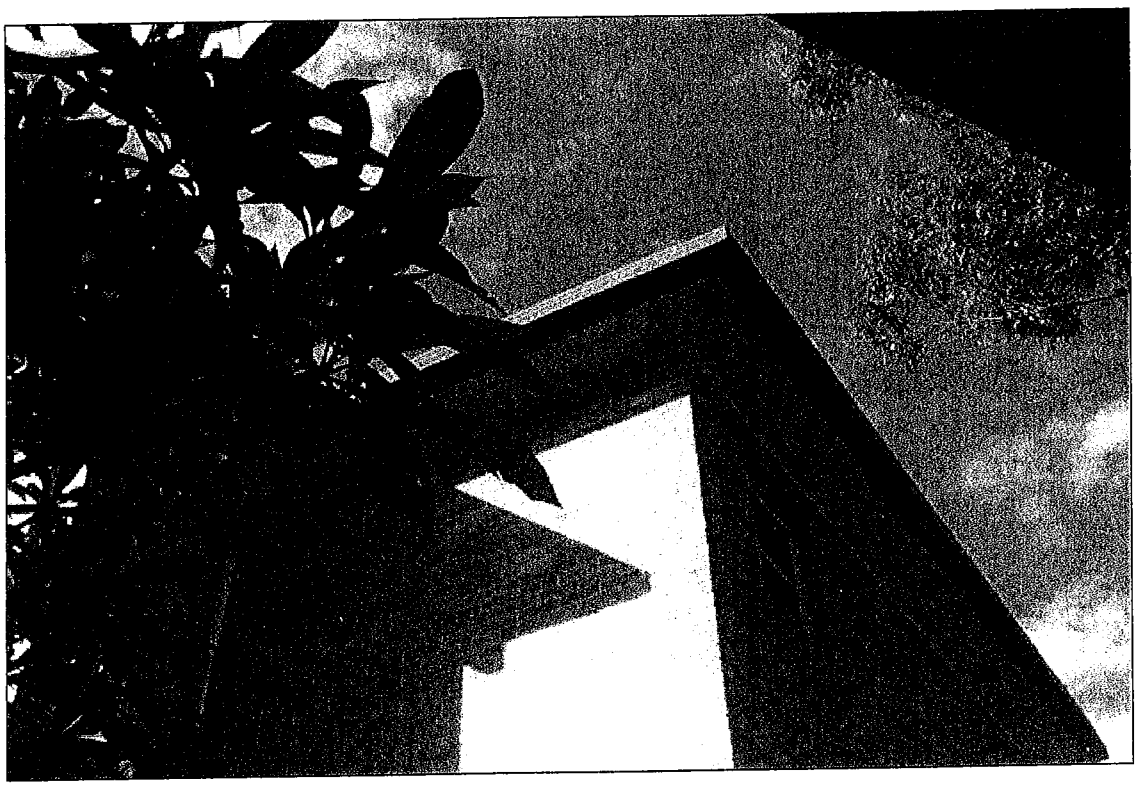
Location	Description	Sample No.	Photograph No.
Eave Lining (Original)	Suspected Flat A/C Sheet		62, 63
Switchboard on Wall	Suspected Zelminite Backing Board		64
Infill - Lower to Covered Walkway	Suspected Flat A/C Sheet		65

SMF materials were sighted as follows:

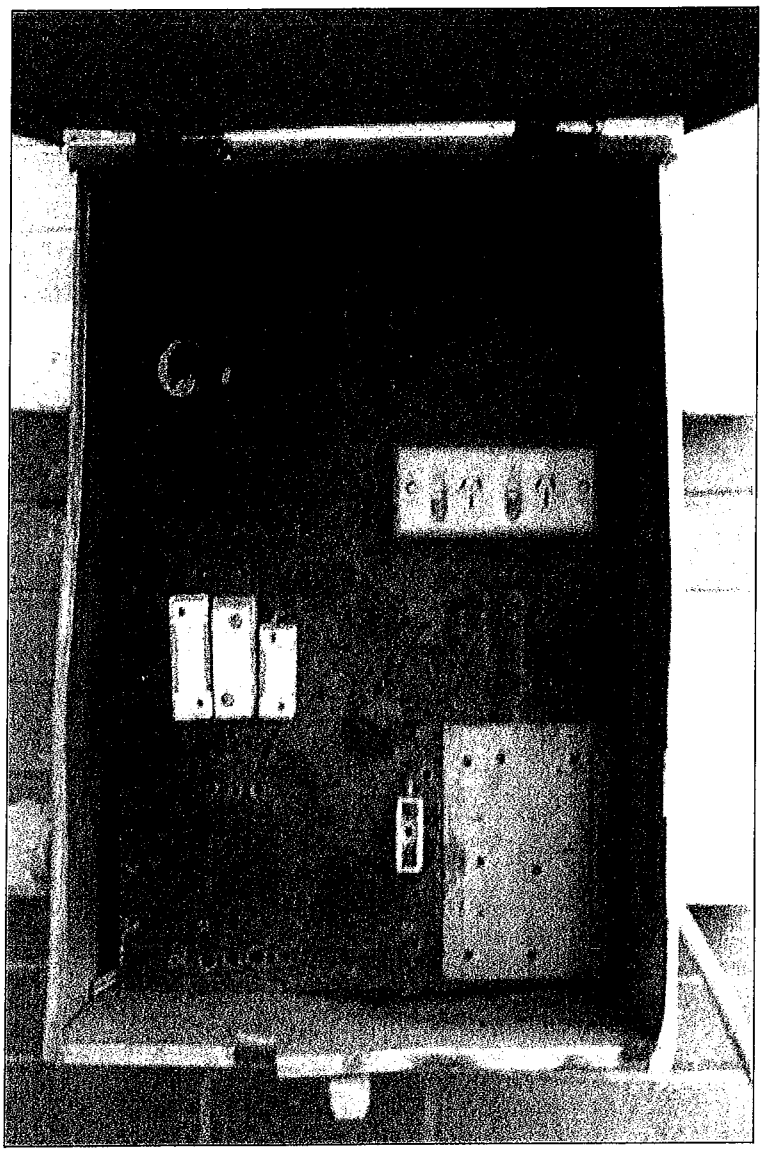
Location	Description	Sample No.	Photograph No.
Pipework (in Metal Enclosure) - Car Park Side - Insulation	SMF Insulation		66



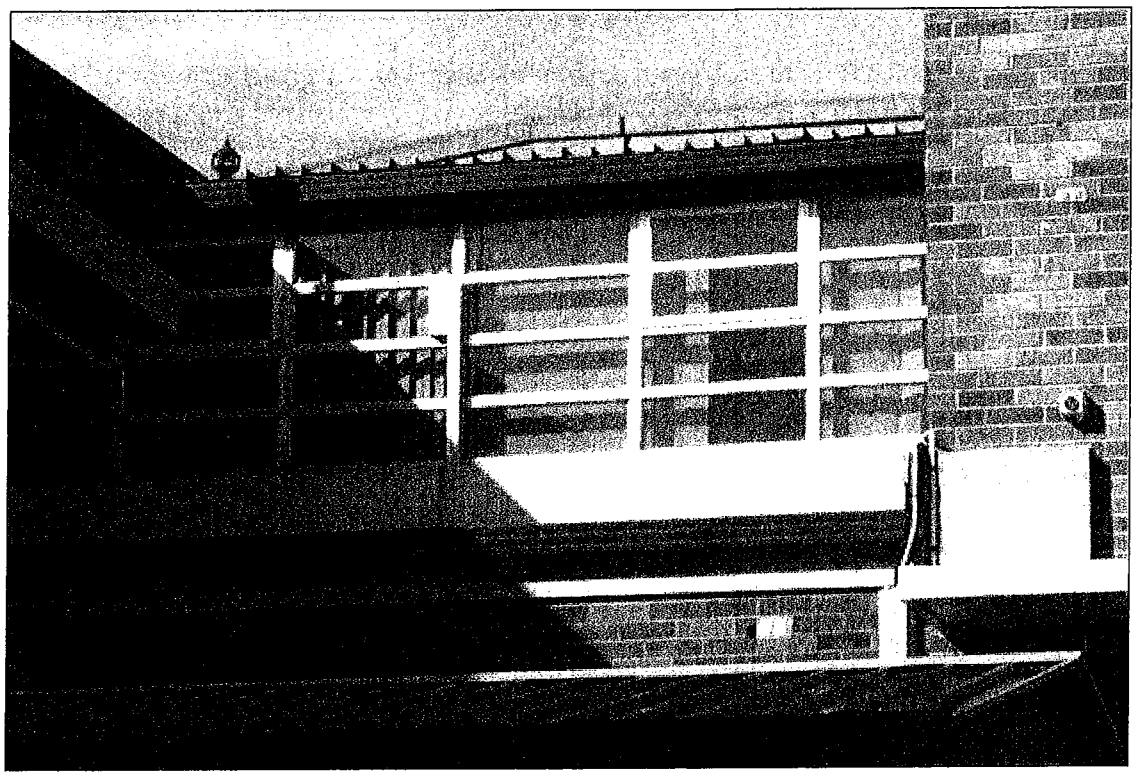
Photograph No. 62: Suspected Asbestos Cement Eave Lining to Building



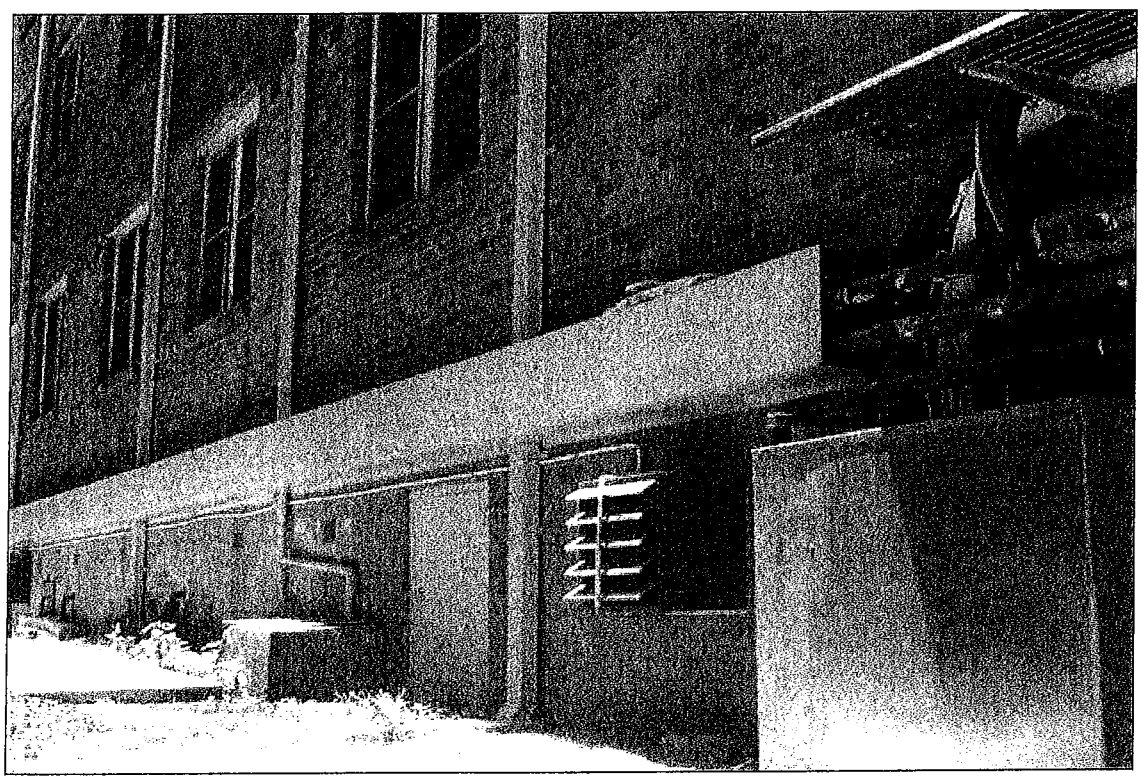
Photograph No. 63: Suspected Asbestos Cement Eave Lining to Building



Photograph No. 64: Suspected Zelminite Backing Board at Rear of Building



Photograph No. 65: Suspected Asbestos Cement Infill Panel to Covered Walkway (Lower Section)



Photograph No. 66: SMF Insulated Pipes in Enclosed Metal Pipe Run - Car Park Side of Building

7.5.2 Roof Plant Rooms

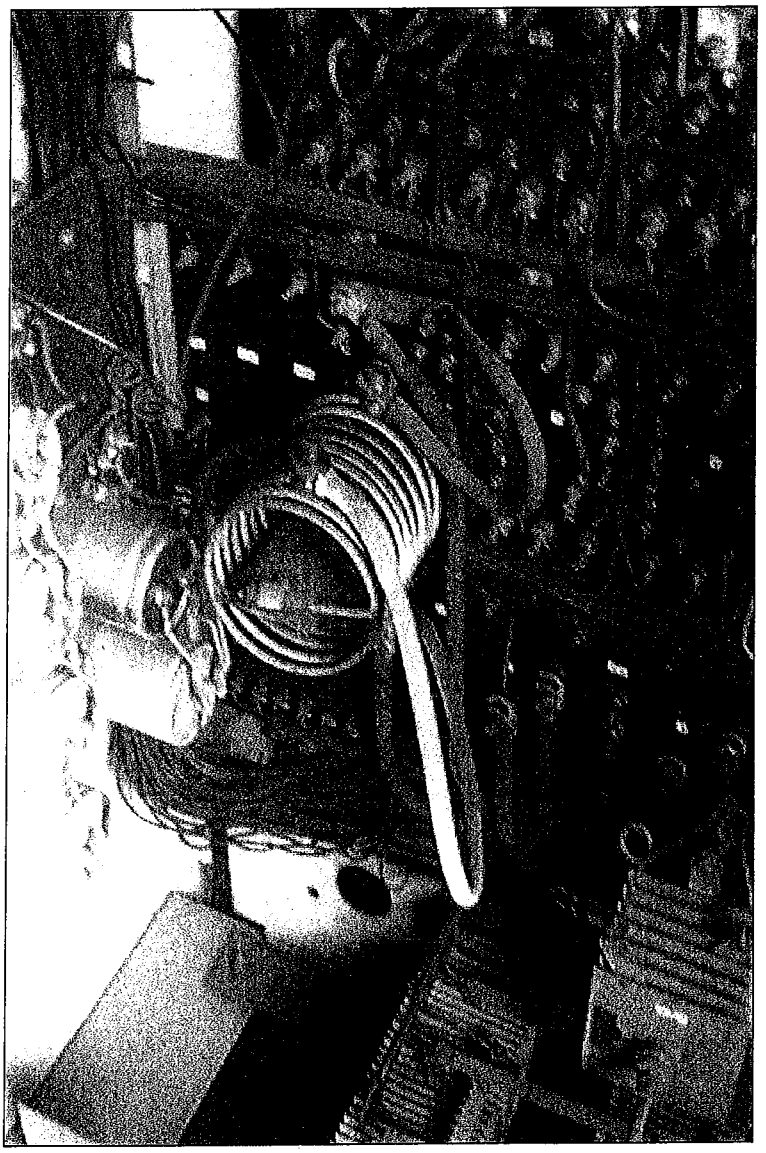
The Plant Rooms have brick and metal walls with a metal deck roof. The floor is concrete.

Asbestos materials were sighted as follows:

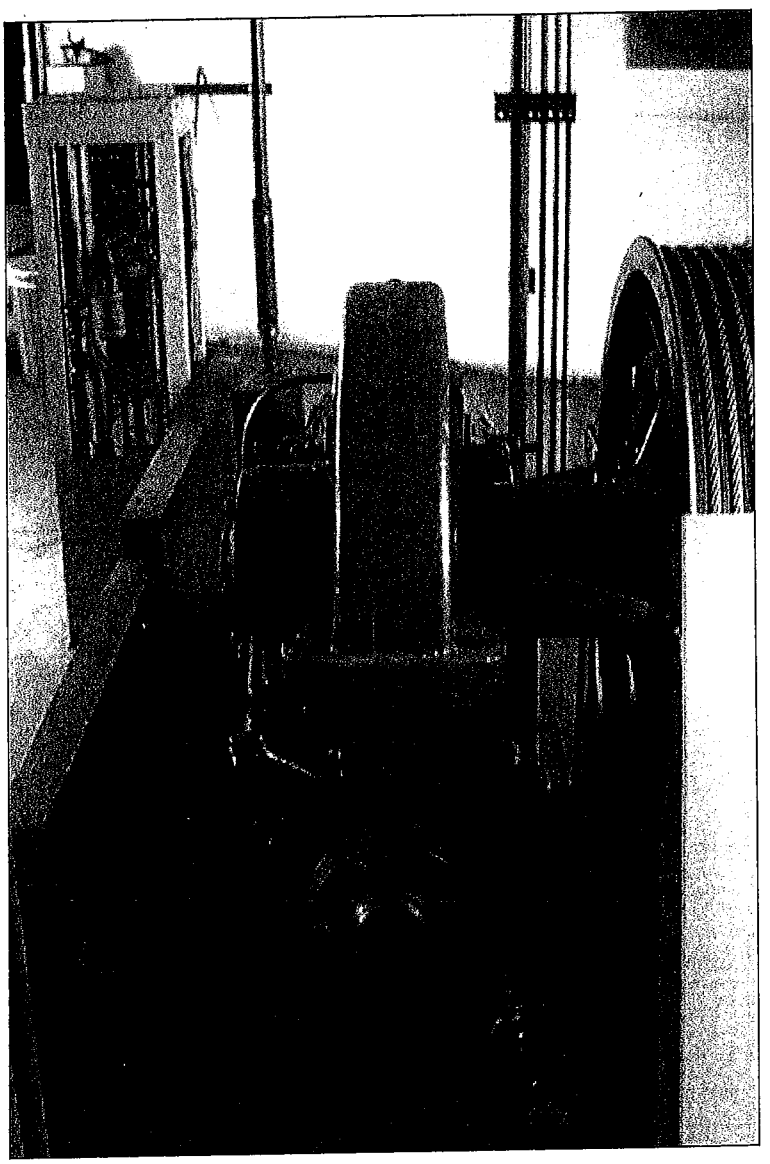
Location	Description	Sample No.	Photograph No.
Lift Motor Room - Controls	Suspected Asbestos Sheathed Wire		67
Lift Motors - Brake Shoes	Suspected Asbestos Brake Shoes		68

SMF materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Boilers and Calorifiers - Insulation	SMF in Metal		69
Plant Room - Wall Insulation	SMF in Foil		
Plant Room - Pipework Insulation	SMF in Metal		



Photograph No. 67: Suspected Asbestos Sheathed Wire on Lift Controls



Photograph No. 68: Suspected Asbestos Brake Shoes to Lift Motor

7.5.3 Building Interior - Level 4

This level contains Wards, Endoscopy (old Theatres/Urology/Clinic (L2) and Neurology (L2)).

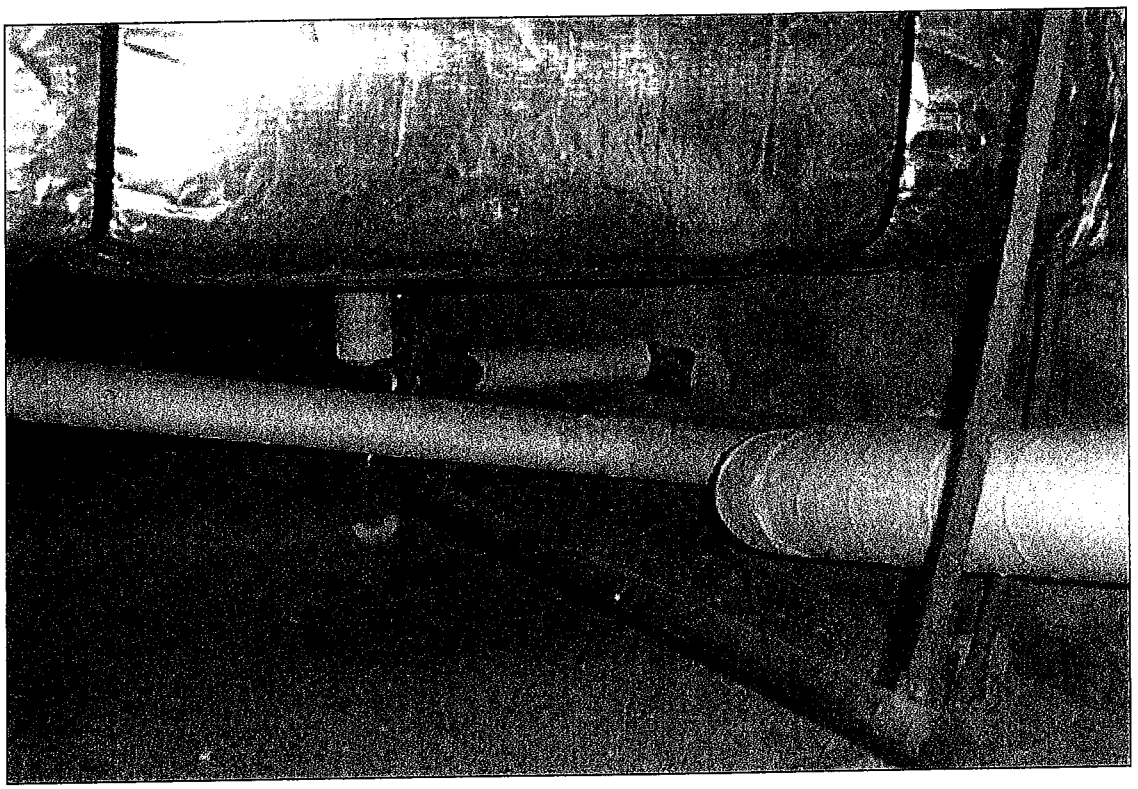
The ceilings are generally plaster tile and plasterboard with fibrous plaster ceiling to Neurology. The walls are rendered masonry and plasterboard with some instances of set plaster. The floors are generally carpeted with sheet vinyl/vinyl tiles to the old Theatres.

Asbestos materials were sighted as follows:

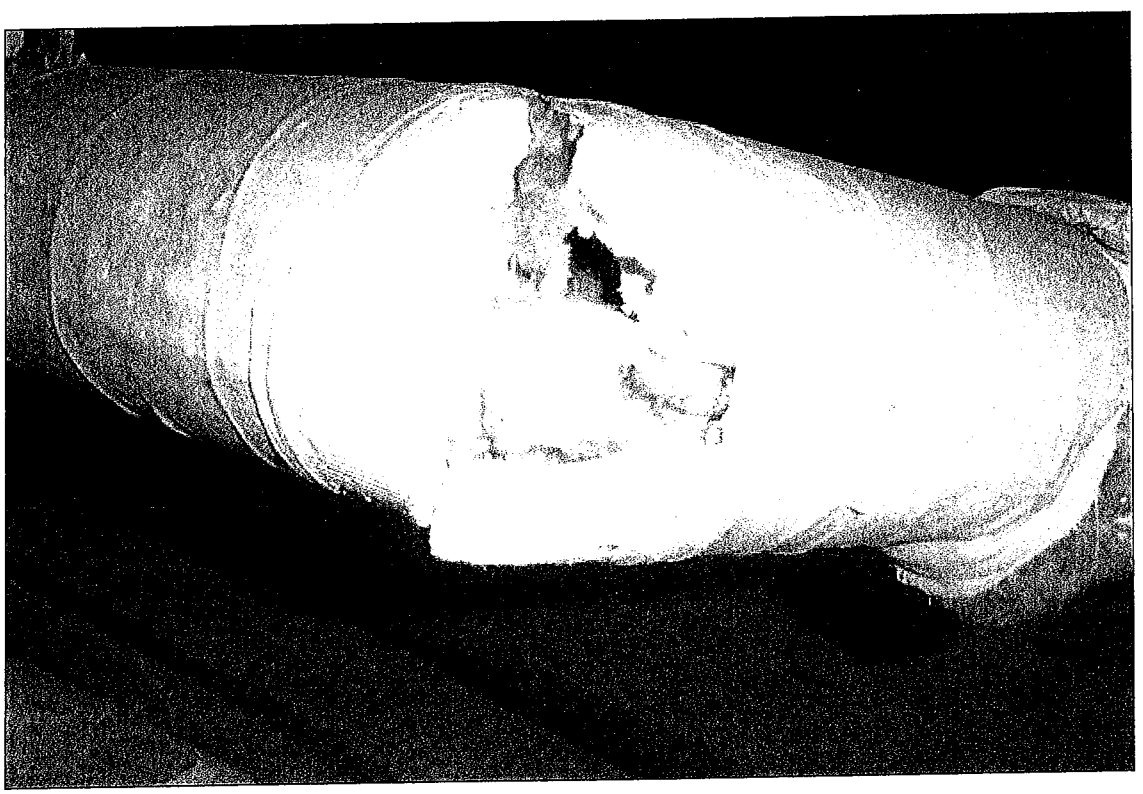
Location	Description	Sample No.	Photograph No.
Old Theatres - Ceiling Space/Part Pipework Insulation (in Ceiling)	Asbestos Insulation	47	69
Old Theatres - Ceiling Space/Contamination	Suspected Asbestos Contamination		
Fire Stairs/Fire Doors	Asbestos Core	14	71
Verandahs - Ceiling Lining	Suspected Flat A/C Sheet		72
Ward 22 - Ceiling Space Contamination	Suspected Asbestos Contamination		
Ward 22 - Ceiling to Wet Area (1)	Suspected Flat A/C Sheet		
Neurology - Ceiling Space Contamination	Suspected Asbestos Contamination		
Neurology - Pan Room/Toilets - Vinyl/Wall Tiles	Suspected Asbestos Vinyl Tiles		
Old Theatres - Corridor – Floor covering	Suspected Asbestos Vinyl Tiles		
Store Room - Near Lift Foyer	Suspected Asbestos Vinyl Tiles		
Physiotherapy - Entry Doors	Asbestos Core	50	

SMF materials were sighted as follows:

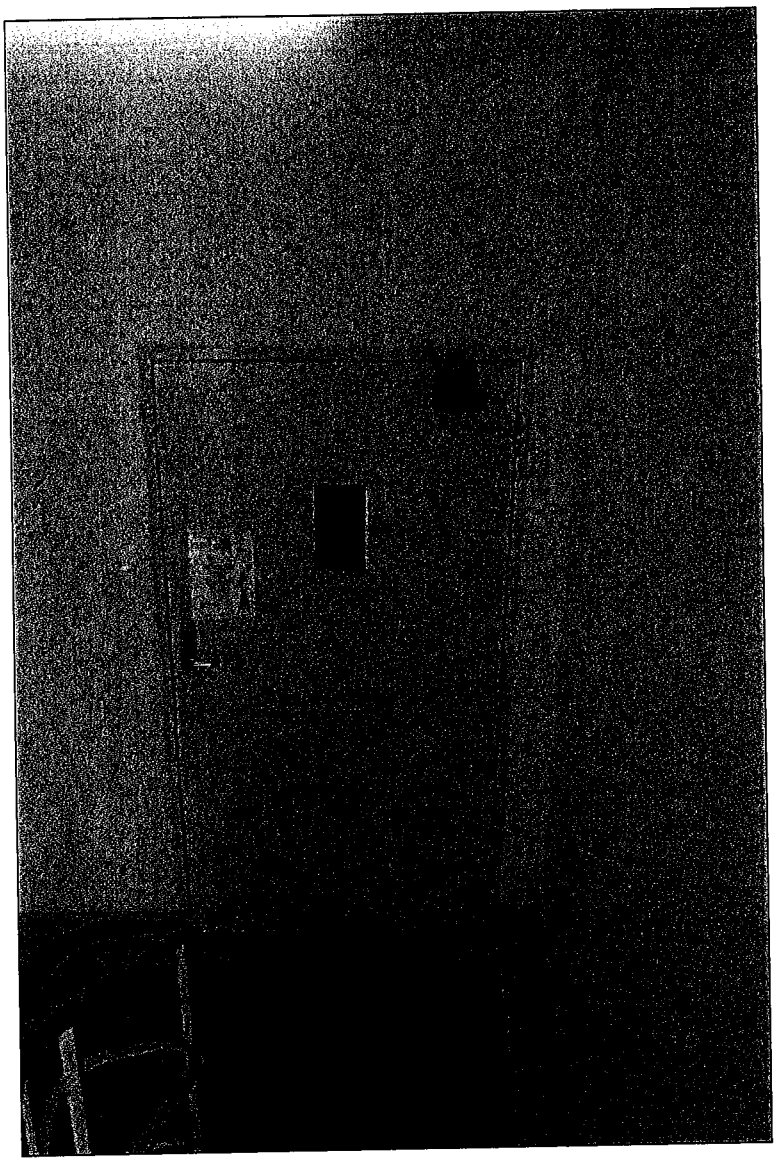
Location	Description	Sample No.	Photograph No.
Ceiling Space/Old Theatres - Roof Insulation	SMF/Foil on Wire		73
Ceiling Space/Old Theatres - A/C Ductwork	SMF on Foil		73
Ceiling Space/Old Theatre Insulation	SMF Batts		74
Ward 22 - Ceiling Space Insulation	SMF Batts		
Neurology Ceiling Space Roof Insulation	SMF/Foil on Wire		



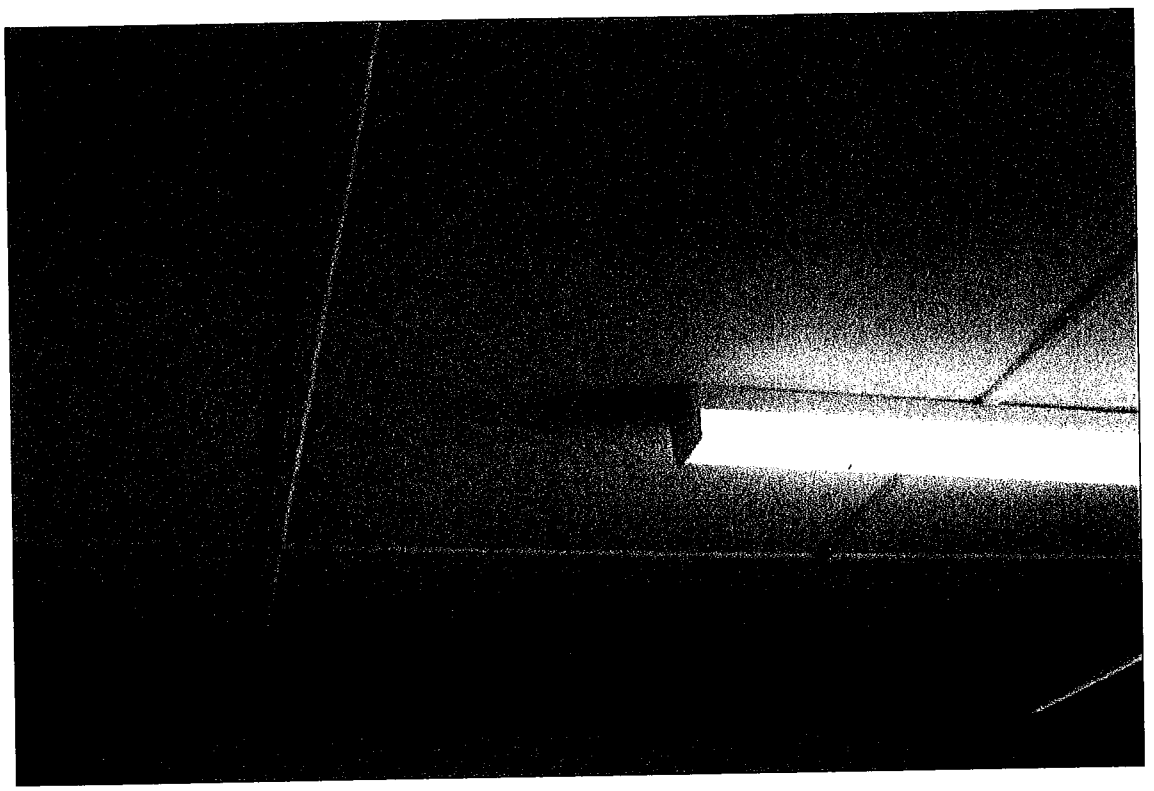
Photograph No. 69: Insulated Pipes Above Old Theatres (Asbestos Free On Run. Asbestos in Wall Penetration)



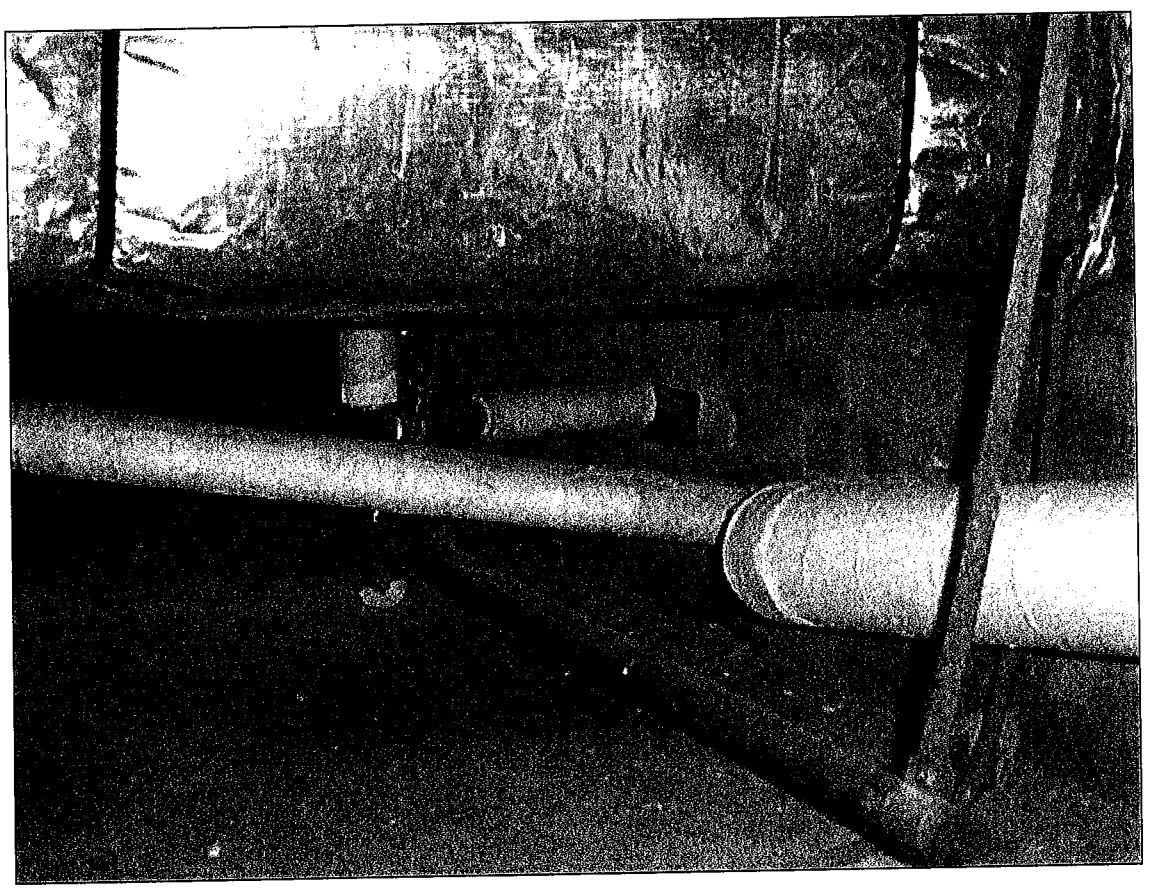
Photograph No. 70: Insulated Pipe Elbow on Ceiling Space Above Old Theatres (Asbestos Free)



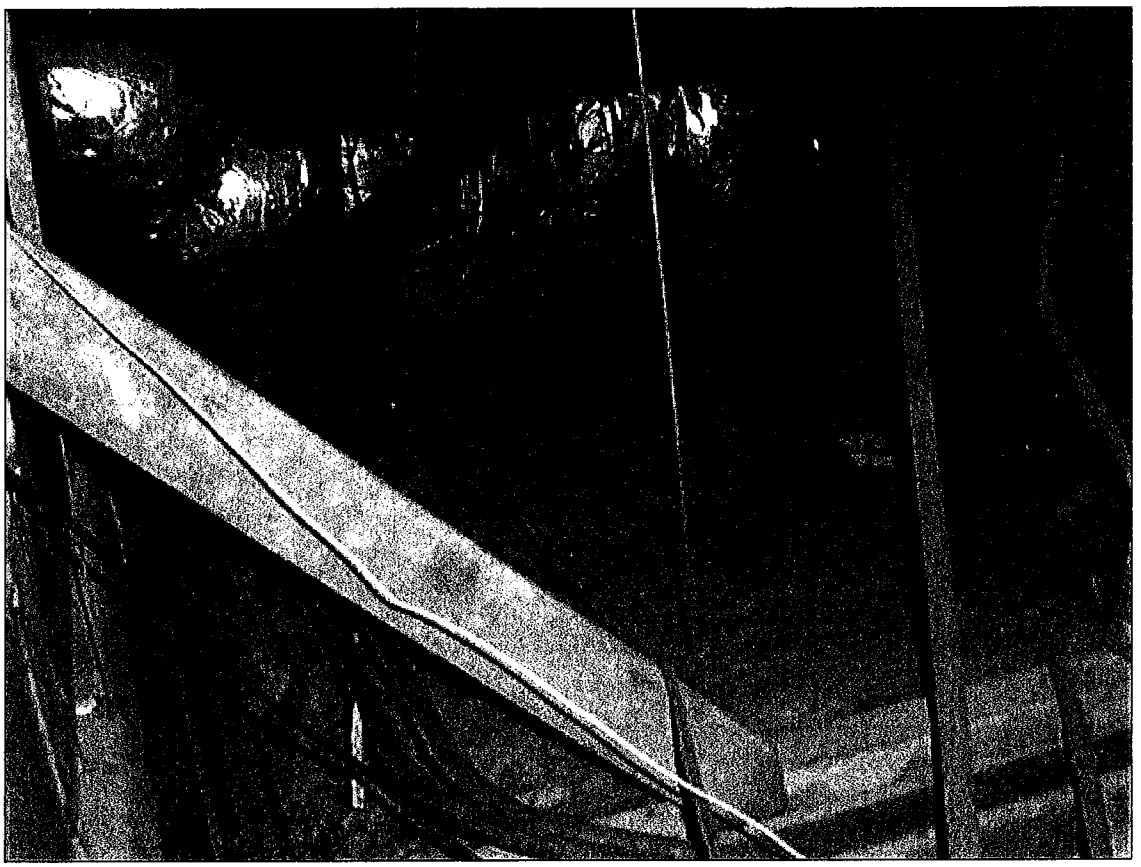
Photograph No. 71: Typical Fire Door in Fire Stairs with Asbestos Core



Photograph No. 72: Suspected Asbestos Cement Ceiling to Verandah



Photograph No. 73: Roof and A/C Duct Insulation above Old Theatres



Photograph No. 74: SMF Batt Insulation to Ceiling Above Old Theatres

7.5.4 Building Interior - Level 3

This level has a plaster tile ceiling with rendered masonry and plasterboard walls. The floors are concrete with sheet vinyl and carpet.

Asbestos materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Fire Stairs / Fire Doors	Suspected Asbestos Core		
Ceiling Space	Suspected Asbestos Contamination from Pipework		

SMF materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Ceiling Space - Pipework/A/C Ductwork	SMF Insulation in foil		

7.5.5 Building Interior - Level 2

This level contains Clinics and has a plaster tile ceiling with a terrazzo floors. The walls are rendered masonry and plasterboard. The ceiling lining in the Physiotherapy Area is similar to that in Plant Room 6 (asbestos free).

Asbestos materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Fire Stairs / Fire Doors	Asbestos Core		
Ceiling Space	Asbestos Contamination from Pipeworks (assumed)		

SMF materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Ceiling Space - Pipework/A/C Ductwork	SMF Insulation in foil		

7.5.6 Building Interior - Level 1

This level contains the children's ward, kitchen, nurses administration, plant rooms and cafeteria (staff).

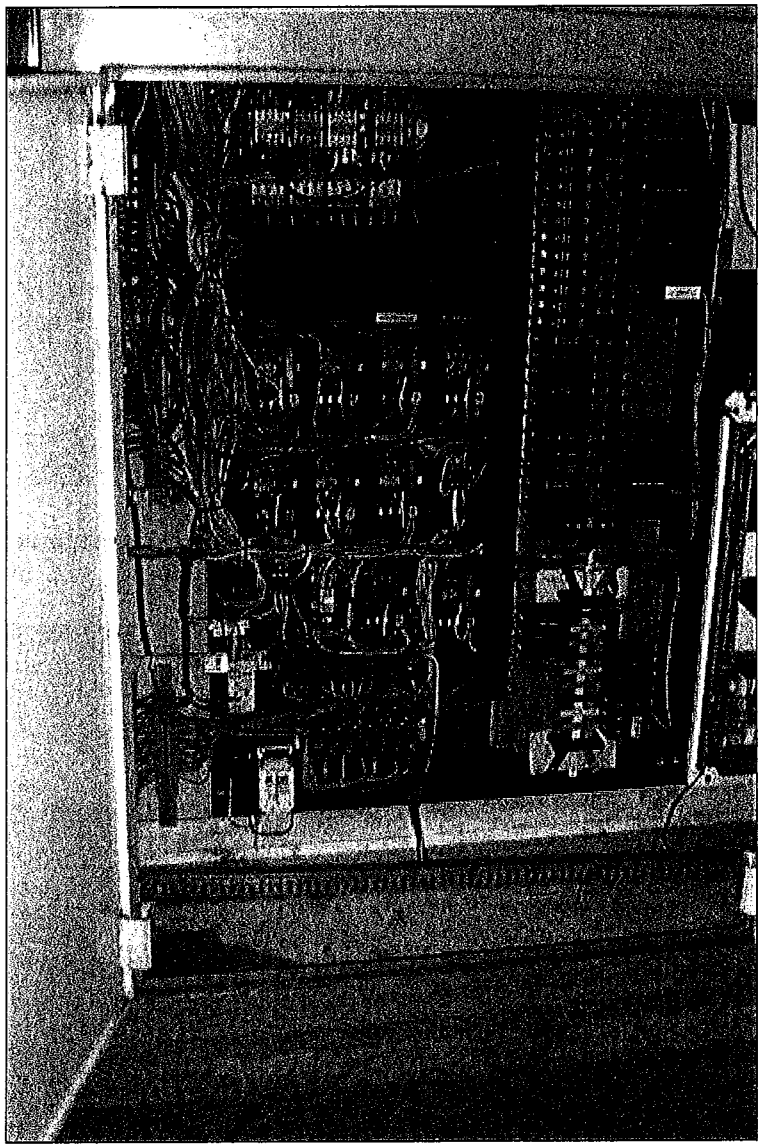
The walls are rendered masonry, face brickwork and plasterboard and the ceilings are plasterboard and plaster tile. The floors are carpeted and have sheet vinyl in the wet areas. The Plant Rooms have bare concrete floors. The ceiling to the cafeteria is metal. Feature timber columns are present in the Cafeteria.

Asbestos materials were sighted as follows:

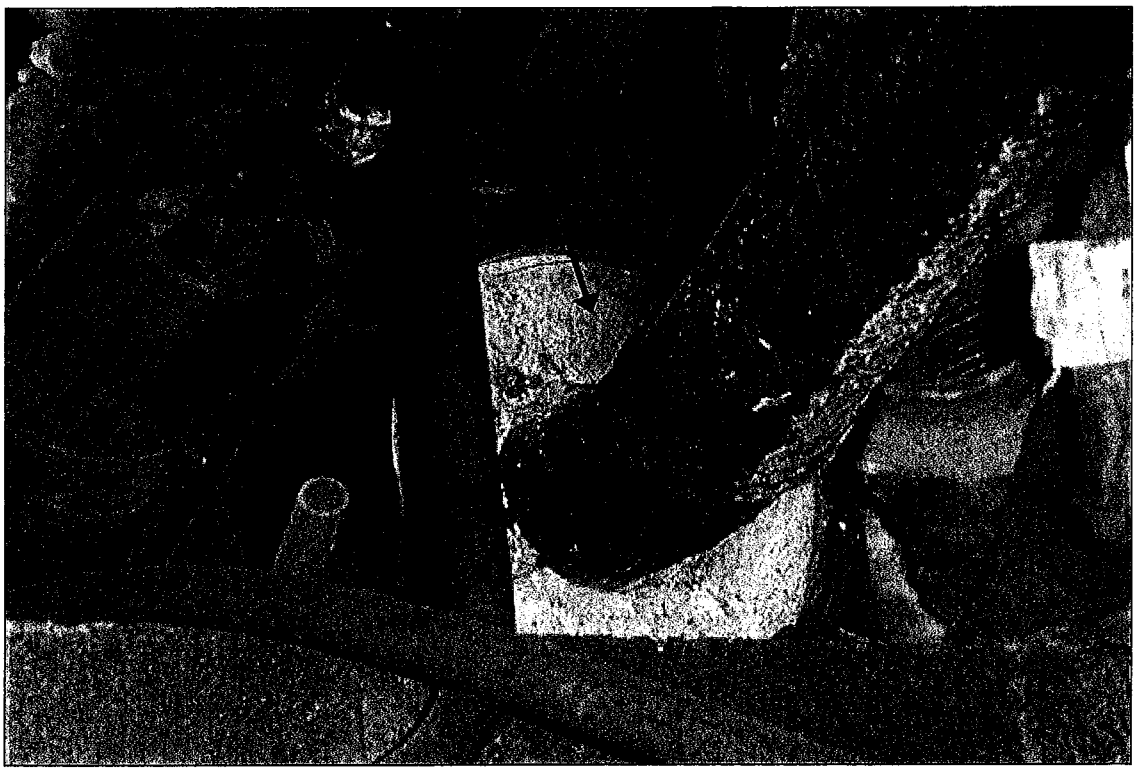
Location	Description	Sample No.	Photograph No.
Plant Room 9 - A/C Controls	Suspected Zelminite Backing Board		75
Plant Room 8 - Main Steam Pipe (Obsolete)	Asbestos Insulation	49	76
Vinyl Tiles Under Vinyl - Cafeteria Corridor	Suspected Asbestos Vinyl Tiles		77
Nurses Administration Toilets - Ceiling	Suspected Flat A/C Sheet		
Plant Room 5 - Ceiling - Vermiculite	Sprayed Asbestos Vermiculite	19	

SMF materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Plant Room 9 - Calorifier Insulation	SMF in Metal		78
Plant Room 9 - Upper Pipework Insulation	SMF in Metal / Foil		
Plant Room 8 - Pipework Insulation	SMF in Foil / Metal		76, 79
Children's Ward - Roof Insulation	SMF in Foil on Wire		
Ceiling Space - A/C Duct Pipework Insulation	SMF in Foil		
Nurses Administration - Ceiling Tiles	SMF in Plastic		
Nurses Administration - Metal Ceiling Tiles	SMF in Plastic		
Hot Water Unit - Outside Children's Ward (Hot)	SMF in Metal		80
Ceiling Cafeteria	SMF in Plastic		
Corridor - Metal Tile Insulation	SMF in Plastic		
Plant Room 7 - Calorifier	SMF in Foil		81
Plant Room 7 - Pipework / Heat Exchanger Insulation	SMF in Foil		82

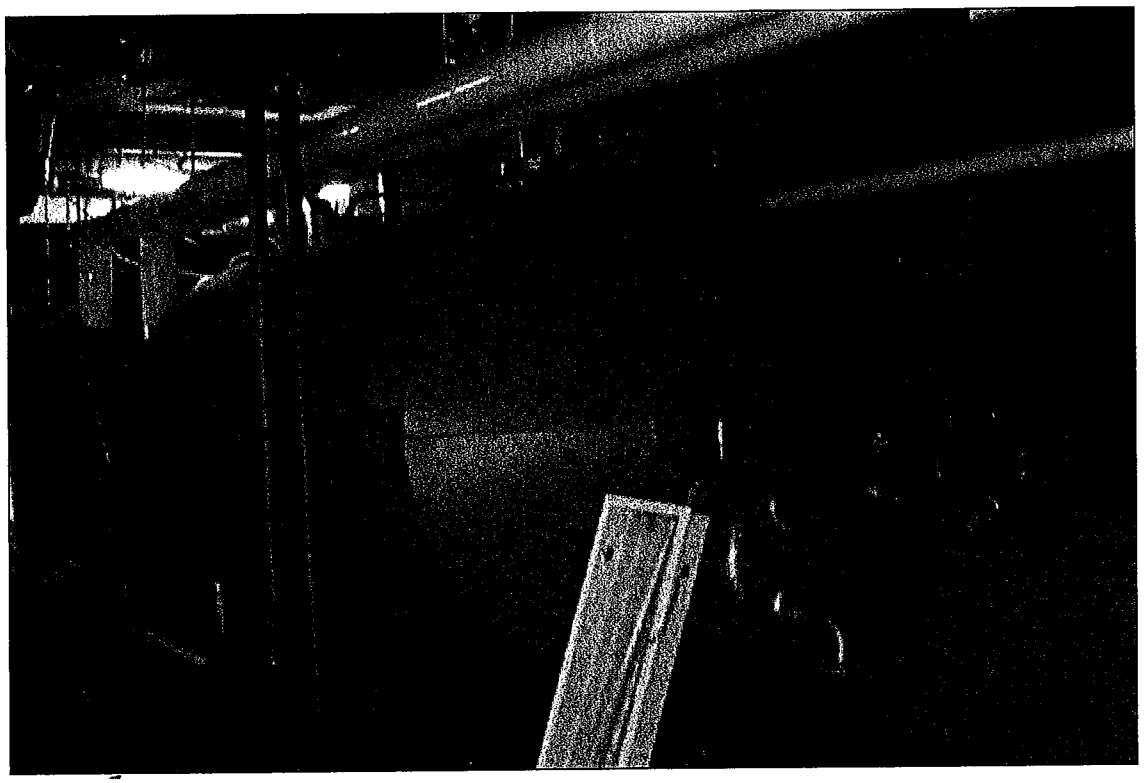


Photograph No. 75: Suspected Zelminite Backing Board to A/C Controls - Plant Room 9



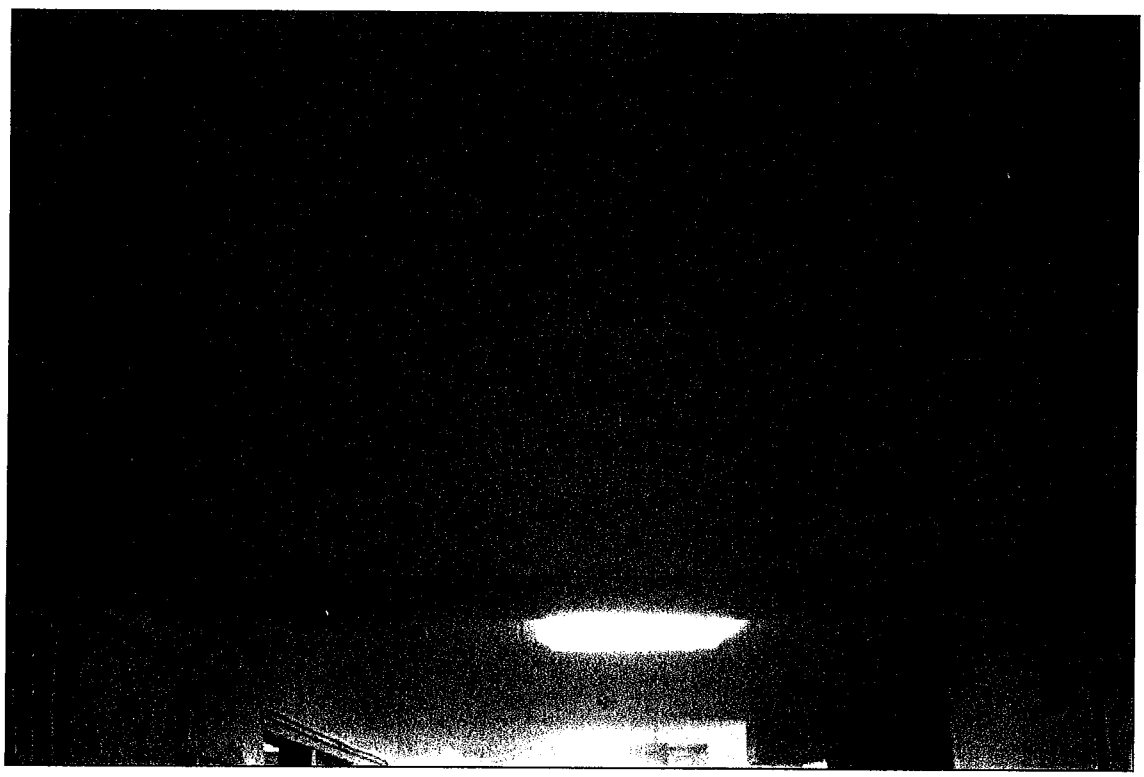
Photograph No. 76: Old Asbestos Insulated Pipe in Plant Room 8

Photograph No. 77: Suspected Vinyl Tiles Under Sheet Vinyl in Cafeteria Corridor

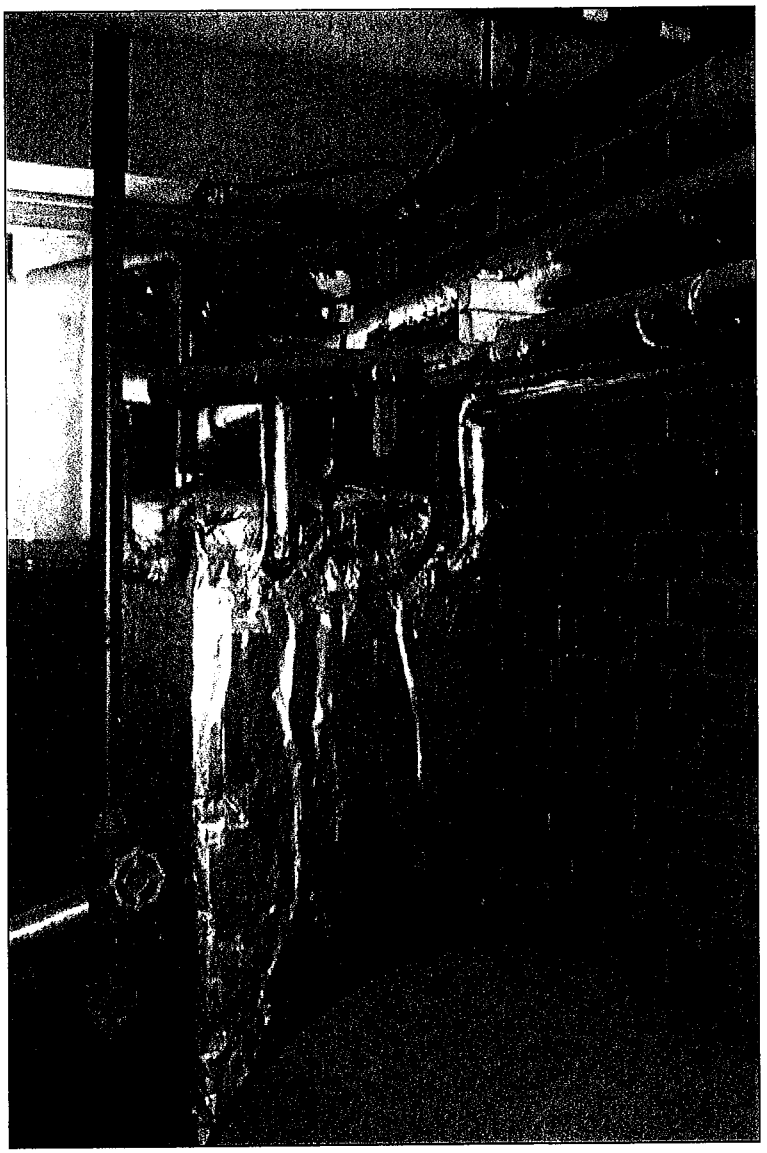


Photograph No. 78: SMF Insulation to Calorifier and Pipework in Plant Room 9

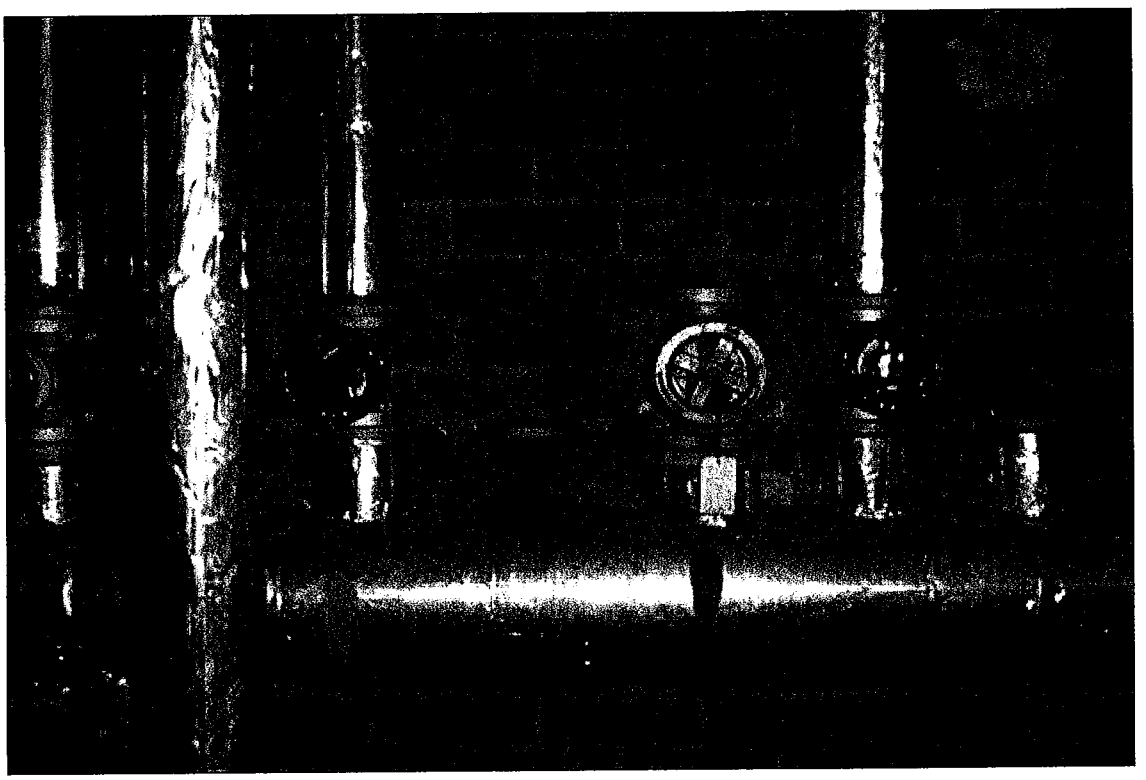
Photograph No. 79: SMF / Foil Insulation to Pipework - Plant Room 9



Photograph No. 80: Metal Ceiling Tiles to Cafeteria Corridor Insulated with SMF in Plastic



Photograph No. 81: SMF / Foil Insulation to Calorifier - Plant Room 7



Photograph No. 82: SMF / Foil Insulation to Pipework / Heat Exchanger Plant Room 7

7.5.7 Building Interior - Basement

The basement contains a workshop below the children's ward and information technology store below the nurses administration and plant rooms facing the carport.

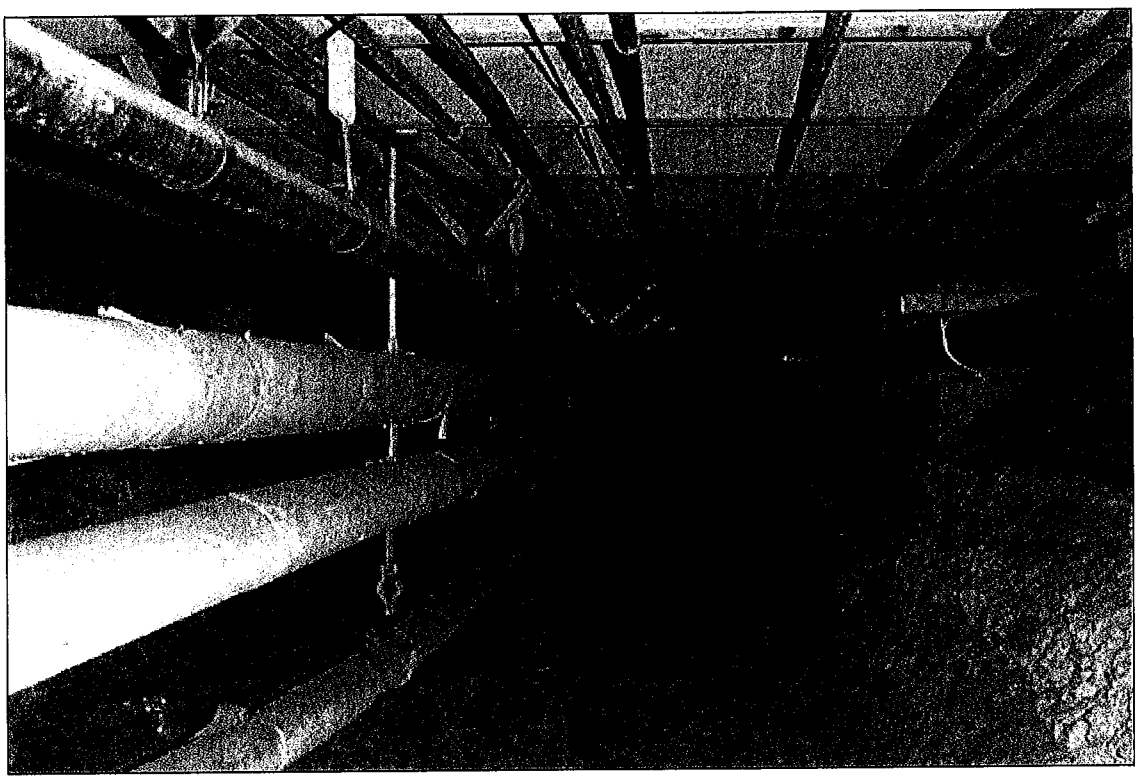
Asbestos materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Sub-Floor Below Children's Ward - Old Switchboard	Suspected Zelminite Backing Board		83

SMF materials were sighted as follows:

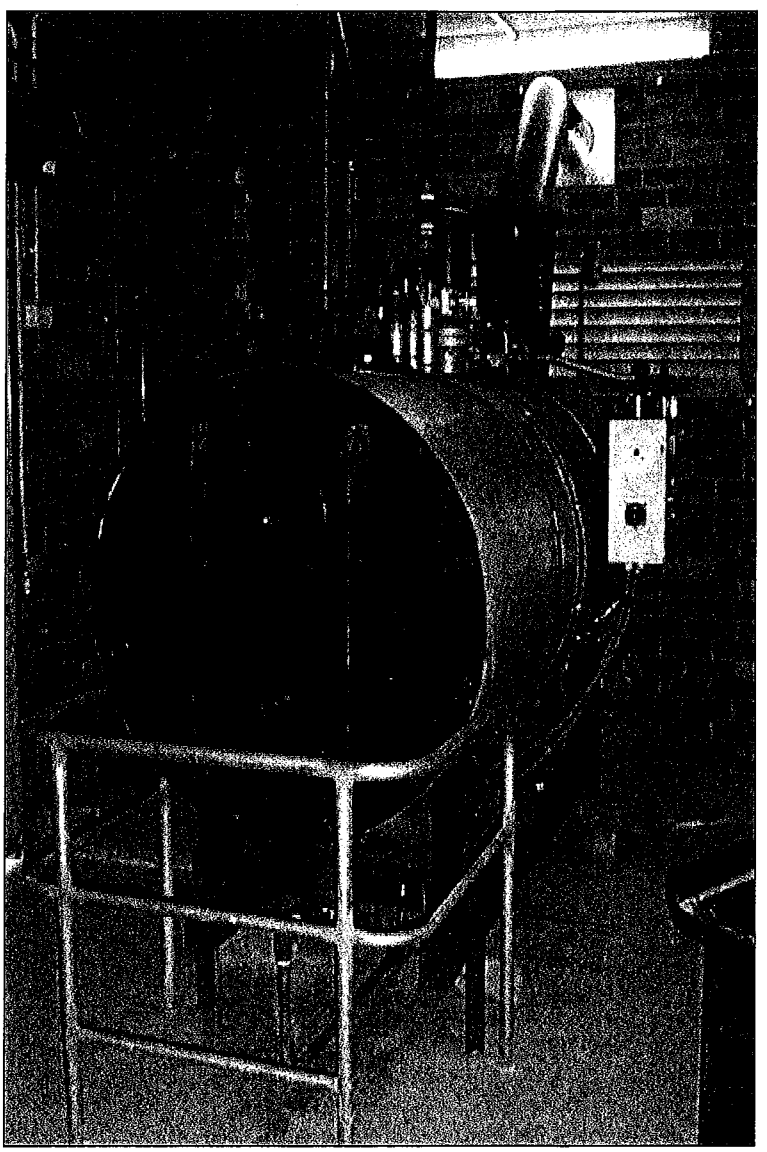
Location	Description	Sample No.	Photograph No.
Sub-Floor Below Children's Ward - Pipework Insulation	SMF in Cloth		84
Sub-Floor Below Children's Ward - Pipework Insulation	SMF Waste		85
Plant Room 6 - Boiler Insulation	SMF in Metal		86
Plant Room 6 - Pipework Insulation	SMF in Metal		87
Plant Room 6 - Riser Insulation	SMF in Metal		88
Computer Storage Area - Pipework	SMF in Cloth		
Sub-Floor - Old A/C Unit / Ducts	SMF in Foil to A/C Ducts		
Sub-Floor Behind PABX Floor Insulation	SMF on Wire		

Photograph No. 83: Suspected Zelminite Board to Old Switchboard in Basement Below Children's Ward

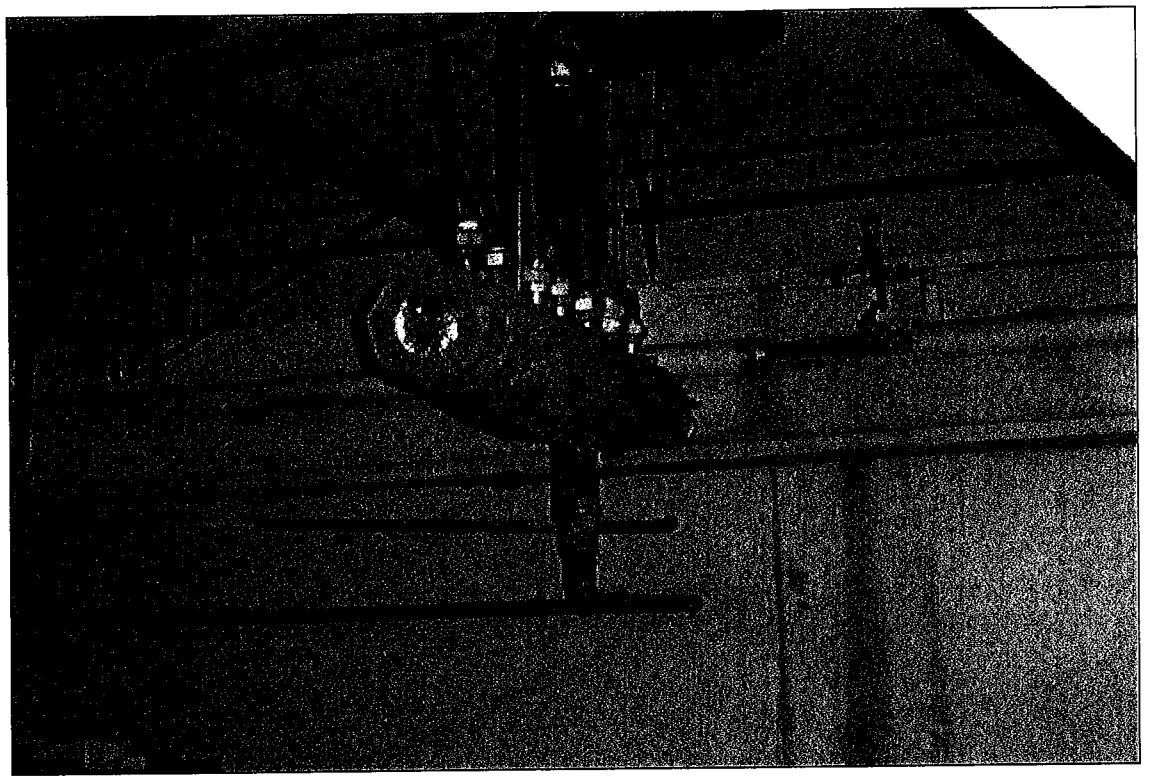


Photograph No. 84: SMF Insulated Pipes Below Children's Ward

Photograph No. 85: SMF Insulation Below Children's Ward (Waste SMF)



Photograph No. 86: Boiler Insulated with SMF in Plant Room 6



Photograph No. 87: SMF Insulated Pipes in Plant Room 6

Photograph No. 88: SMF Insulated Pipe in Riser - Plant Room 6

7.6 Building No. 6 - Kiosk

Photograph No. 89: Building No. 6 - Kiosk

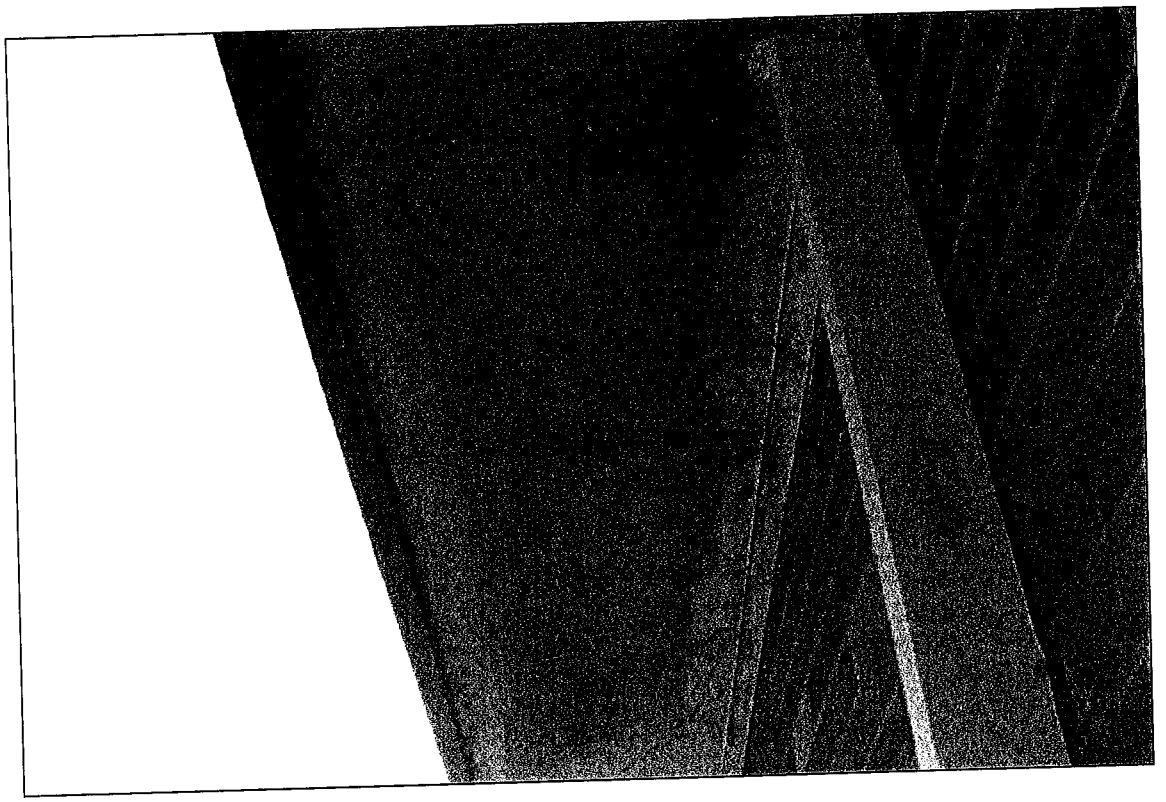
7.6.1 Building Exterior

The building is of brick construction with a concrete floor and a metal deck roof. The windows and doors are powdercoated metal. The Kiosk features a pergola to the side.

Asbestos materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Eave Lining	Suspected Flat A/C Sheet		90

No SMF materials were sighted on the exterior of the building.



Photograph No. 90: Suspected Asbestos Cement Eave Lining to Building

7.6.2 Building Interior

The interior of the building has plasterboard walls with a feature stone wall behind the servery. The ceilings are plasterboard and the metal roof is insulated with sisallation. Sheet vinyl is laid on the floor.

No asbestos or synthetic mineral fibre materials were sighed on the interior of this building.

7.7 Building No. 7 - Executive Offices and Nurses Accommodation

Photograph No. 91: Building No. 7 - Executive Offices and Nurses Accommodation

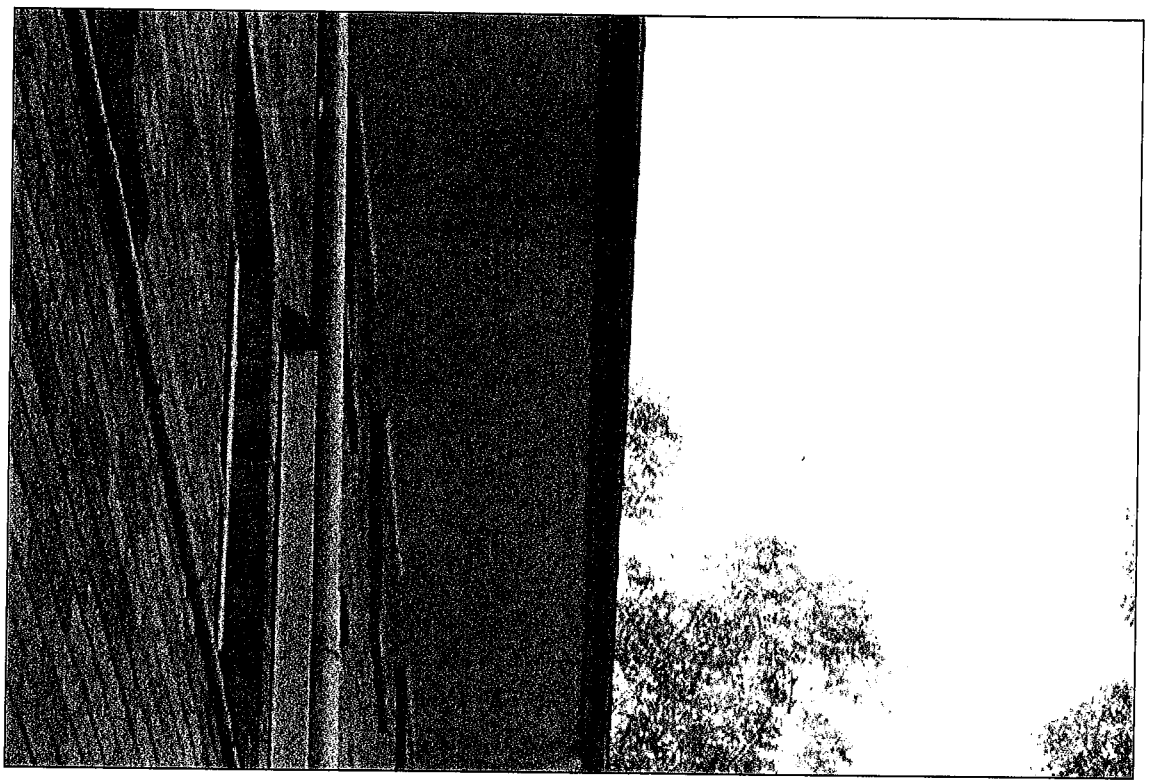
7.7.1 Building Exterior

The building has three levels with a basement. The building is of brick construction with concrete floors and a metal roof. The windows are timber framed.

Asbestos materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Eave Lining	Suspected Flat A/C Sheet		92
Verandah Ceiling Lining	Suspected Flat A/C Sheet		93

No SMF materials were sighted on the exterior of this building.



Photograph No. 92: Suspected Asbestos Cement Sheet to Eave Lining

Photograph No. 93: Suspected Asbestos Cement Sheet to Verandah Ceiling Lining

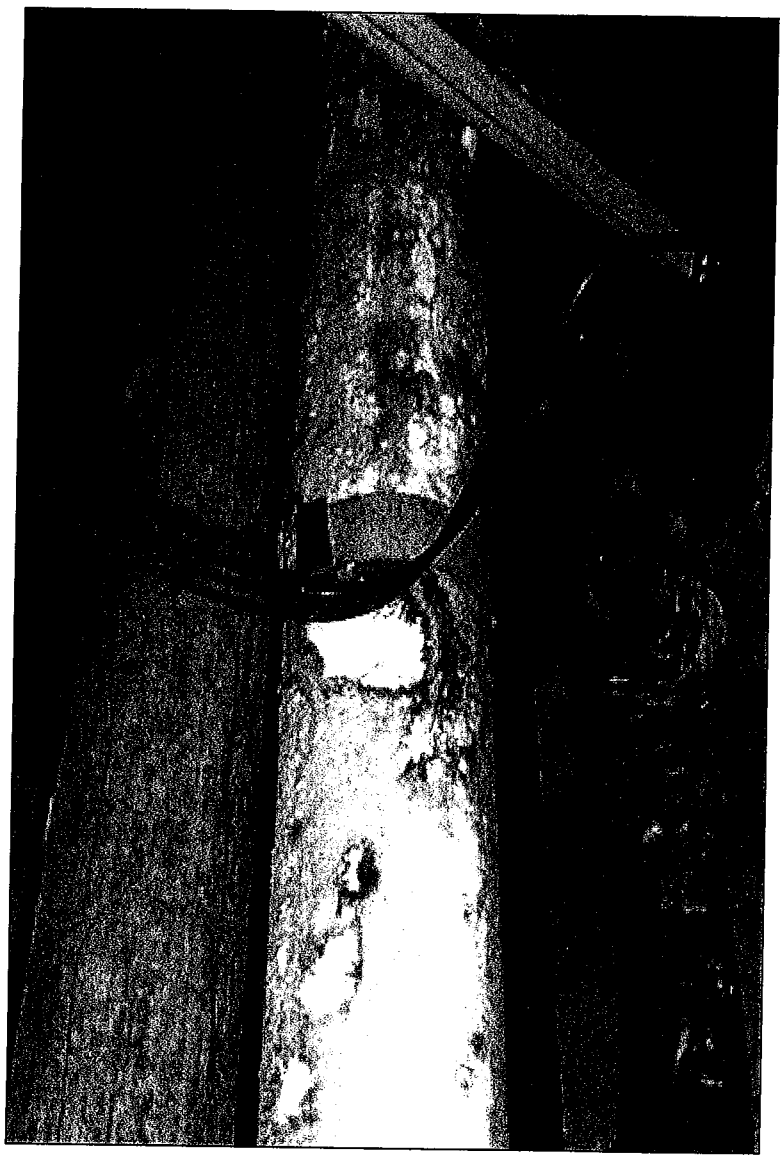
7.7.2 Building Interior - Level 3

The walls are rendered masonry and the ceilings fibrous plaster. The floors are carpeted with vinyl tiles under. The floors to the bathroom and laundry are covered with ceramic tiles. Ceramic tiles are also present on the walls of the bathroom.

Asbestos materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Cleaners Room and Laundry Riser - Pipework Insulation	Suspected Asbestos Insulation		94, 95
Cleaners Room and Laundry Riser - Pipework Contamination	Suspected Asbestos Insulation		
Ceiling Space - Pipework Insulation	Suspected Asbestos Insulation		
Ceiling Space - Pipework Contamination	Suspected Asbestos Insulation		
Bathroom and Laundry Ceiling	Suspected Flat A/C Sheet		

No SMF materials were sighted on this level.



Photograph No. 94: Suspected Asbestos Insulated Pipe in Cleaners Room Looking Towards Roof (Note Poor Condition)

Photograph No. 95: Suspected Asbestos Insulated Pipe in Cleaners Room Looking Down Riser

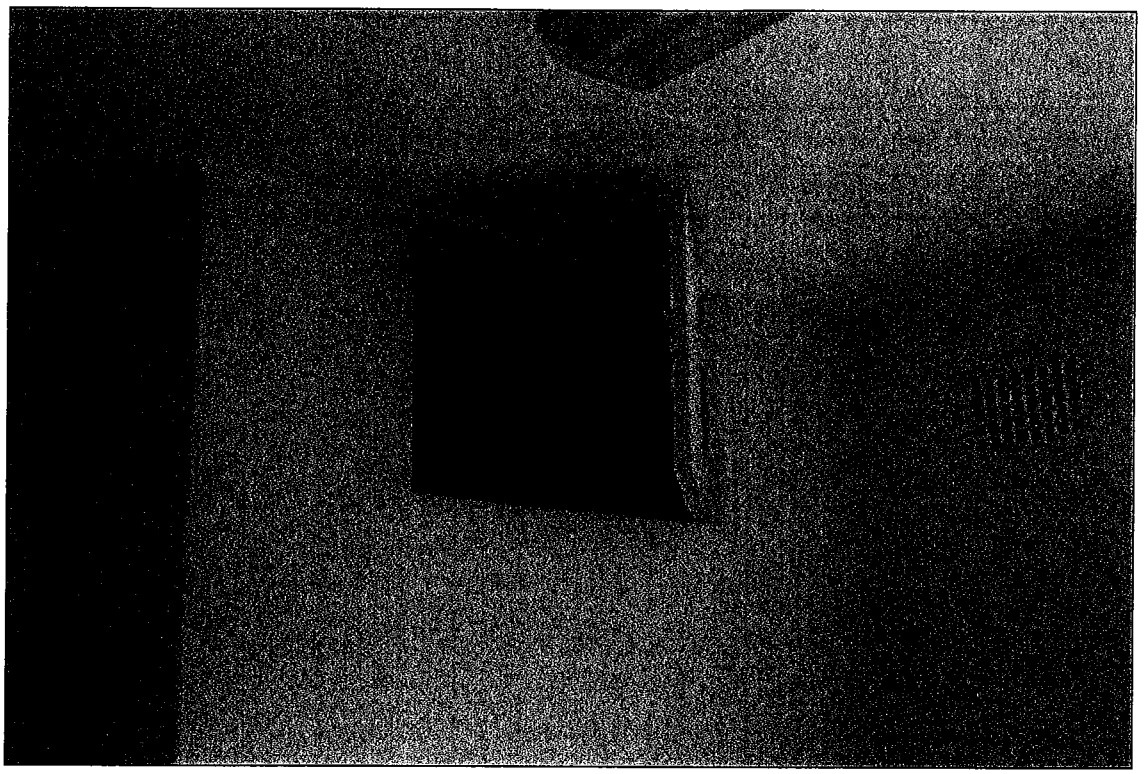
7.7.3 Building Interior - Level 2

The finishes on this level are similar to Level 3, however, the ceilings to the rooms and corridor are plasterboard and set plaster.

Asbestos materials were sighted as follows:

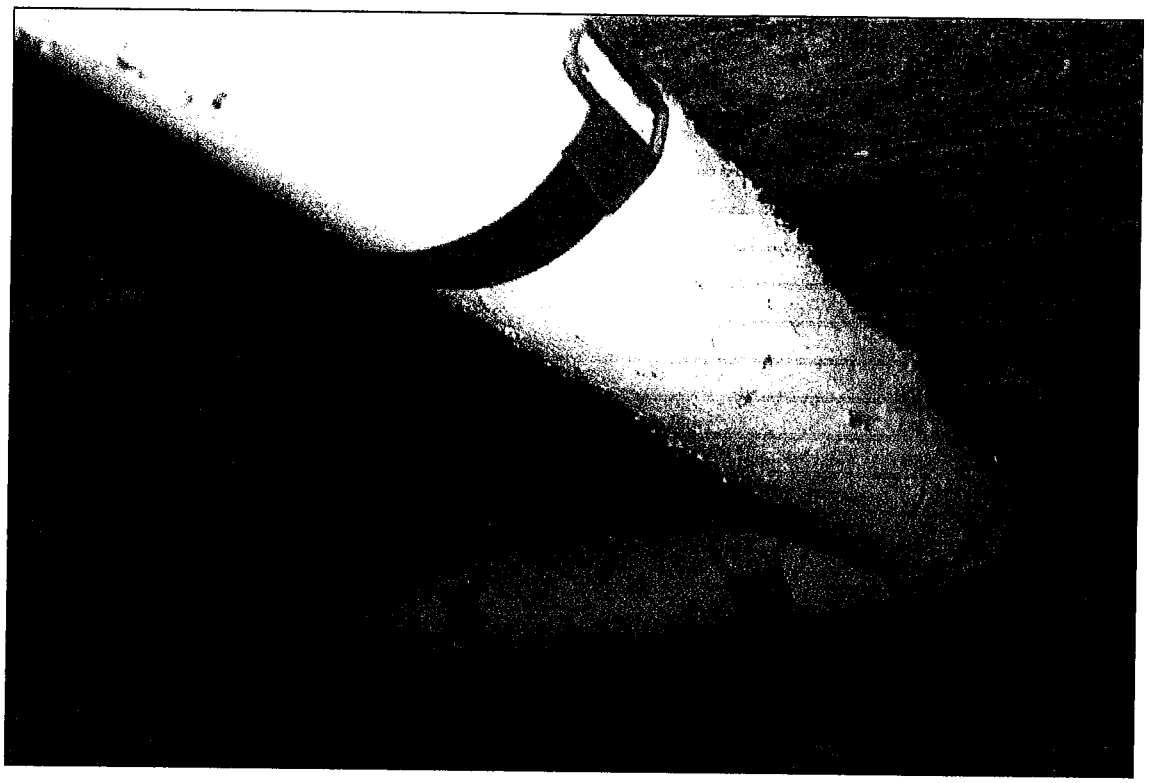
Location	Description	Sample No.	Photograph No.
Cleaners Room and Laundry Riser Pipework Insulation	Suspected Asbestos Insulation		96, 97
Cleaners Room and Laundry Riser Pipework Contamination	Suspected Asbestos Insulation		
Ceiling Space - Bathroom Pipework Insulation	Suspected Asbestos Insulation		98
Ceiling Space - Bathroom Pipework Contamination	Suspected Asbestos Insulation		
Bathroom & Laundry ceiling Lining	Flat A/C Sheet		

No SMF materials were sighted on this level.



Photograph No. 96: Suspected Flat A/C Sheet Access Panel in Old Laundry to Riser (Level 2)

Photograph No. 97: Suspected Asbestos Insulated Pipes in Laundry Riser (Note Poor Condition)



Photograph No. 98: Suspected Asbestos Insulated Pipes in Bathroom Ceiling Space

7.7.4 Building Interior - Level 1

This level contains the Executive Offices which have been refurbished. The walls are rendered masonry and plasterboard and the ceilings are plasterboard. The floor is carpeted. It was not possible to access the ceiling space on this level.

Asbestos materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Risers (2) - Pipework Insulation	Suspected Asbestos Insulation		
Risers (2) Contamination	Suspected Asbestos Insulation		

No SMF materials were sighted on this level.

7.7.5 Building Interior - Basement Garages and Plant Room

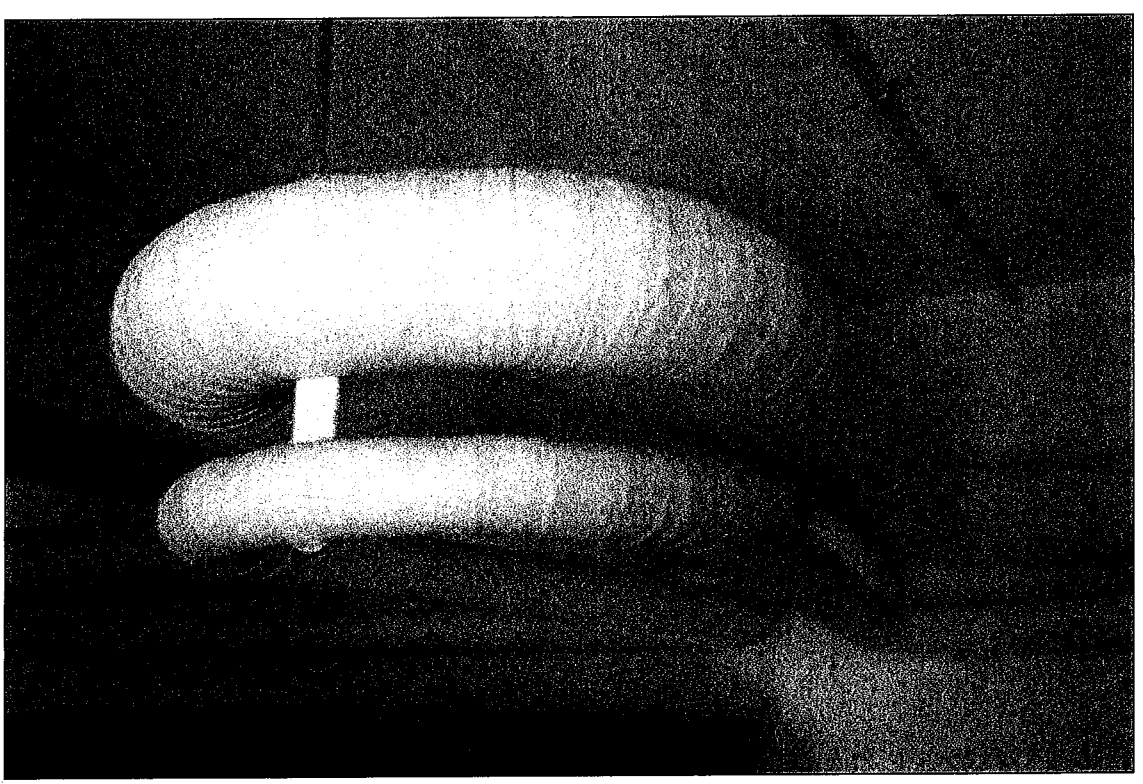
There are a number of old garages in the basement, which have been converted to storage areas. There is a Plant Room and Ladies Auxiliary Room. There are no wall linings in the area.

Asbestos materials were sighted as follows:

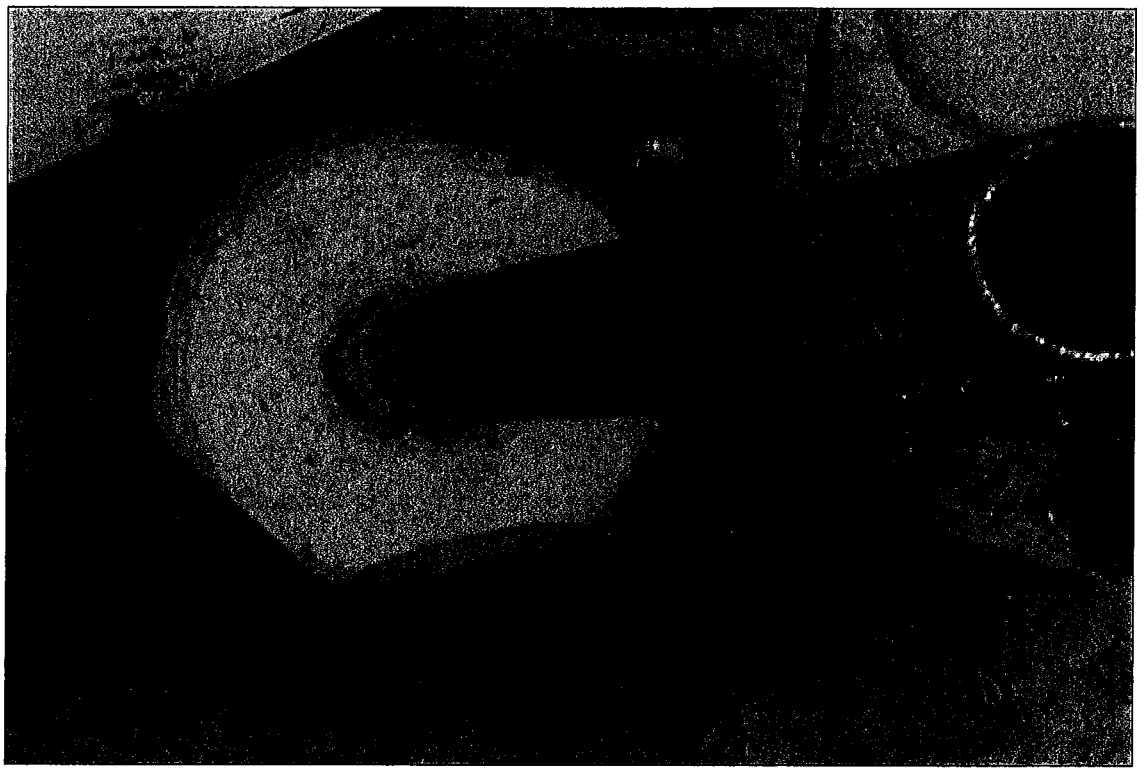
Location	Description	Sample No.	Photograph No.
Garages - Pipework Insulation	Asbestos Insulation in Cloth	52	99
Plant Room Pipework	Asbestos Insulation in Metal	54	100
Sub-Floor Pipework - Insulation	Asbestos Insulation	53	101, 102
Sub-Floor - Contamination	Suspected Asbestos Insulation		
Dividing Wall - Garage	Flat A/C Sheet	22	
Floorcovering - Auxiliary Room	Asbestos Vinyl Tiles	23	103

SMF materials were sighted as follows:

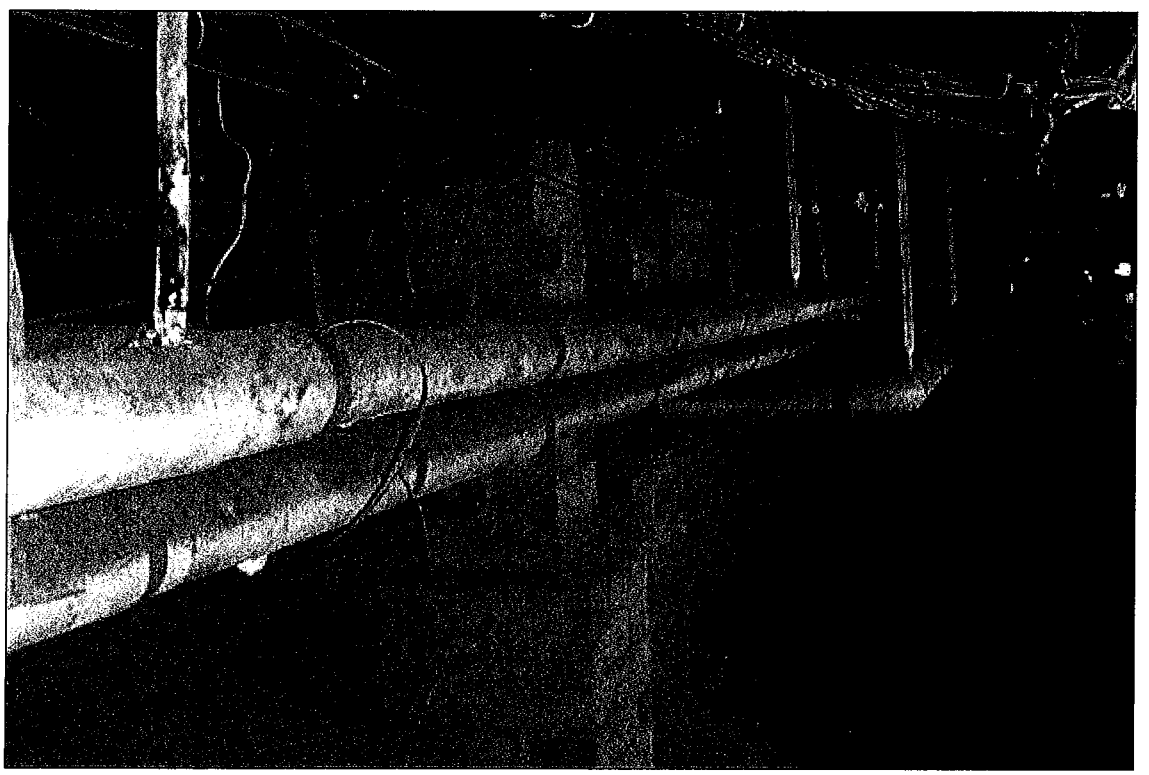
Location	Description	Sample No.	Photograph No.
A/C Ductwork in Plant Room - Insulation	SMF in Foil		104
Garages - Pipework Insulation	SMF in Cloth (1 Pipe)		
Plant Room - Pipework Insulation	SMF in Cloth (1 Pipe)		



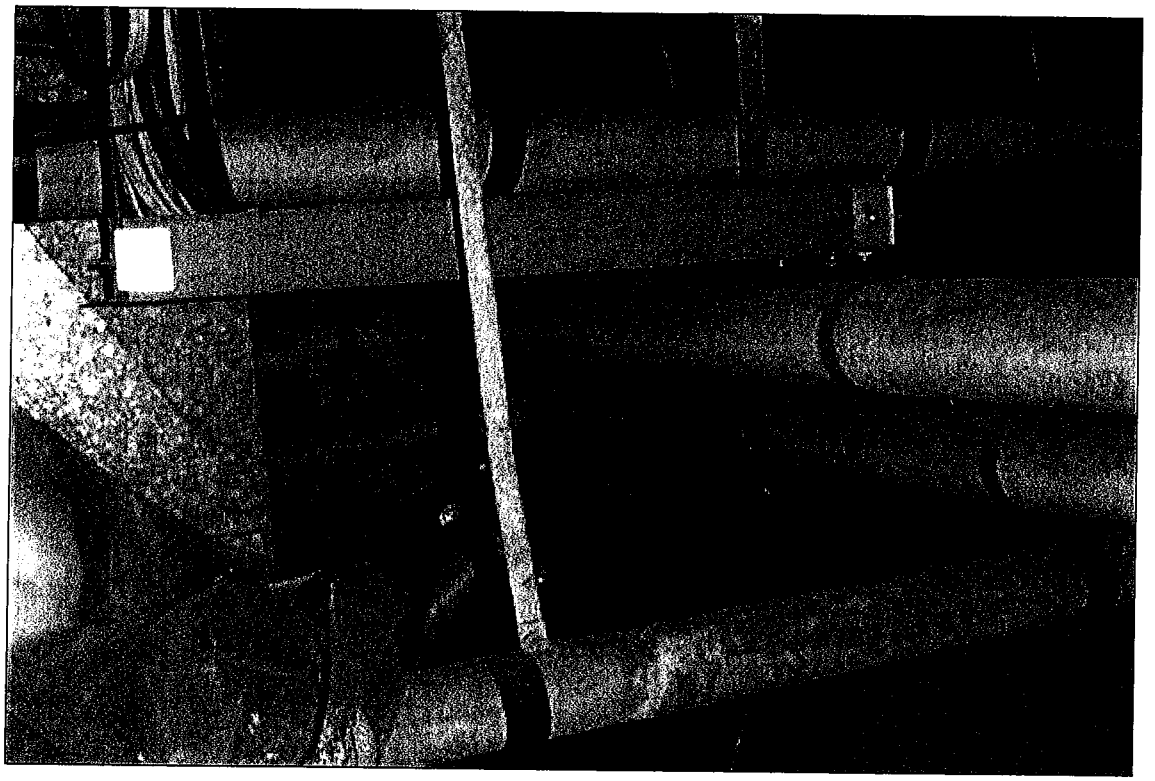
Photograph No. 99: Asbestos Insulated Pipe in Garages



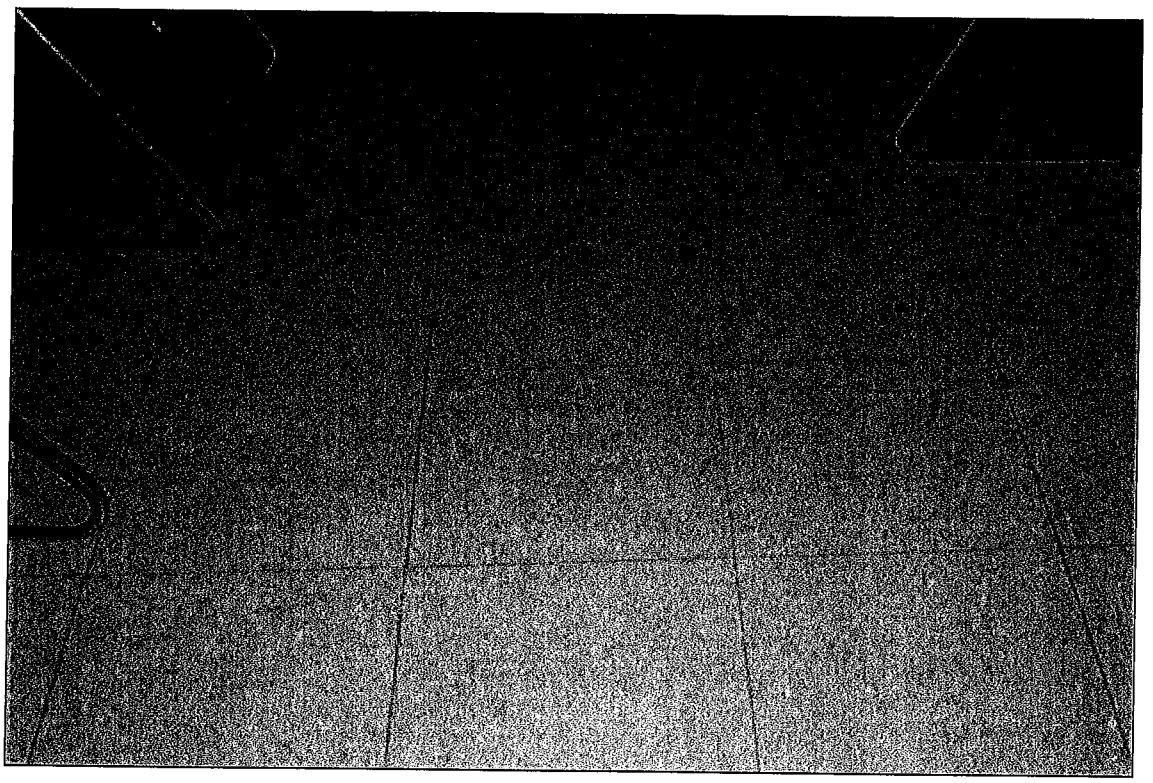
Photograph No. 100: Exposed Asbestos to Pipe in Plant Room



Photograph No. 101: Asbestos Insulated Pipes in Sub-Floor Area



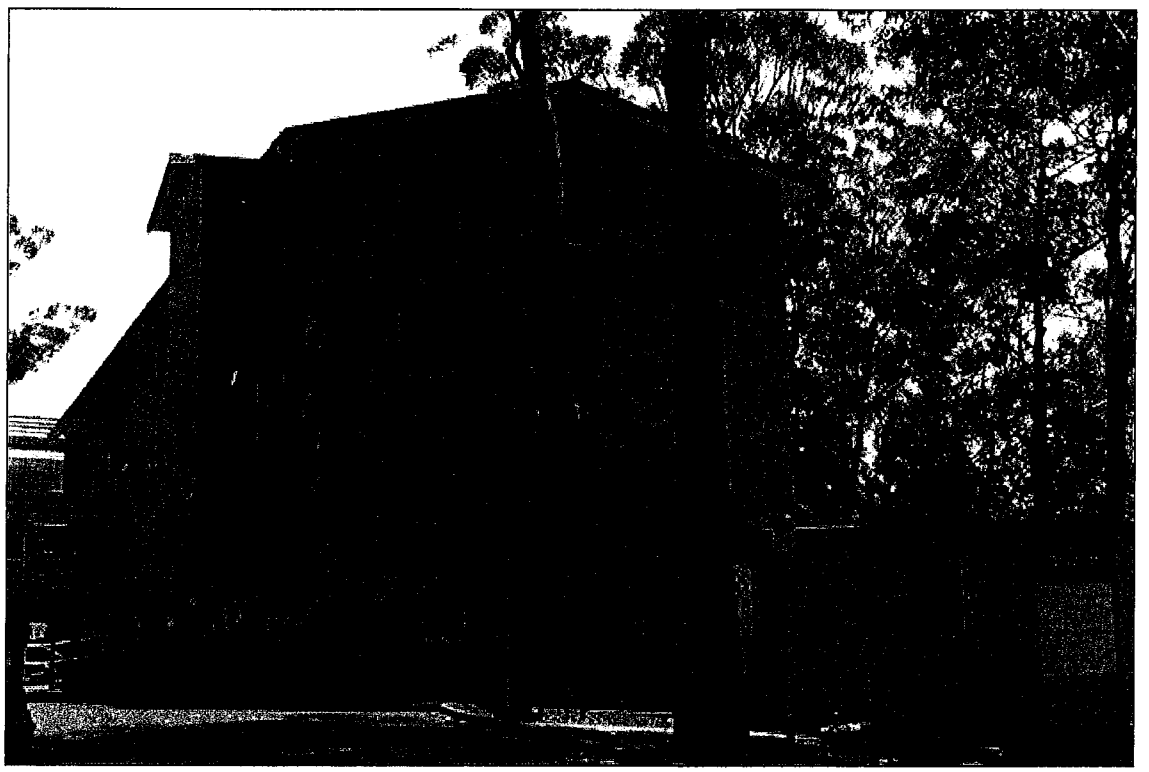
Photograph No. 102: Asbestos Insulated Pipes in Sub-Floor Area



Photograph No. 103: Asbestos Vinyl Tiles to Ladies Auxiliary Room

Photograph No. 104: SMF / Foil Insulation to A/C Ductwork in Plant Room

7.8 Building No. 8 - Nurse Training/Clinics



Photograph No. 105: Building No. 8 - Nurse Training / Clinics

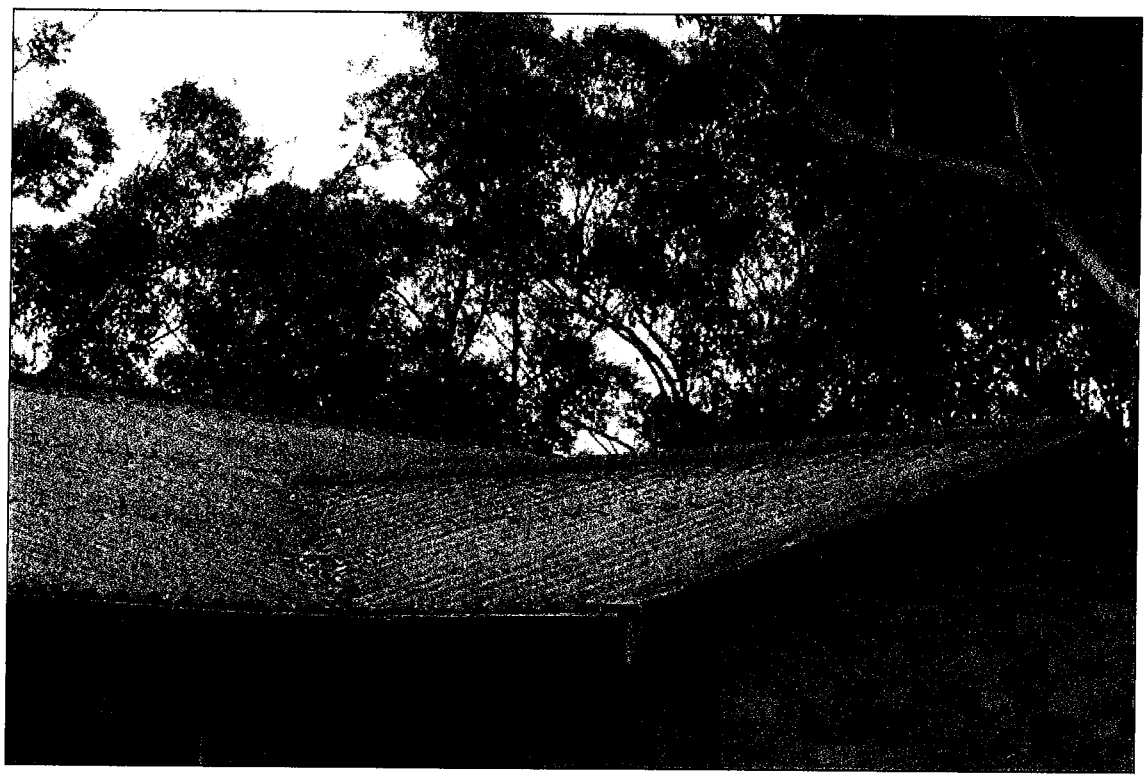
7.8.1 Building Exterior

The building has four levels and a basement and is of brick construction with concrete floors and timber / aluminium framed windows. The roof is corrugated asbestos cement.

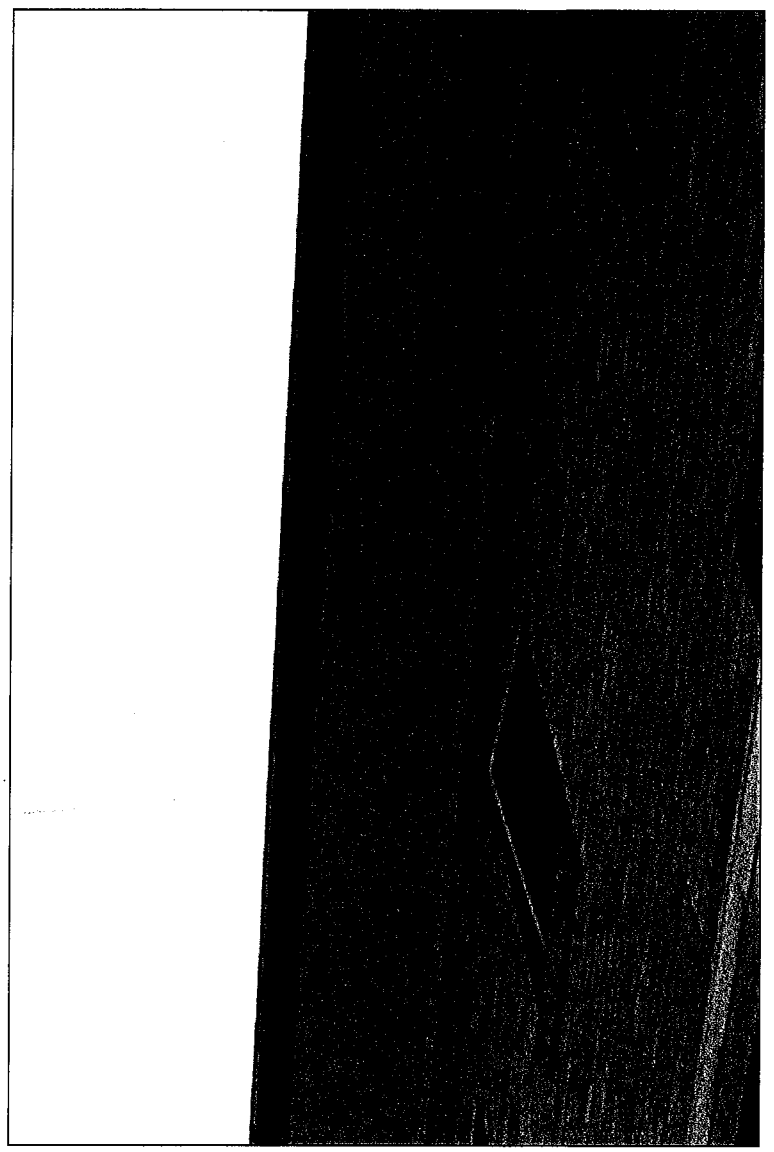
Asbestos materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Roof	Suspected Corrugated A/C Sheet		106
Roof Ridge Capping	Suspected Moulded A/C		
Roof Barge Ends	Suspected Moulded A/C		
Eave Lining	Suspected Flat A/C Sheet		107
Porch Entry Linings	Suspected Flat A/C Sheet		108

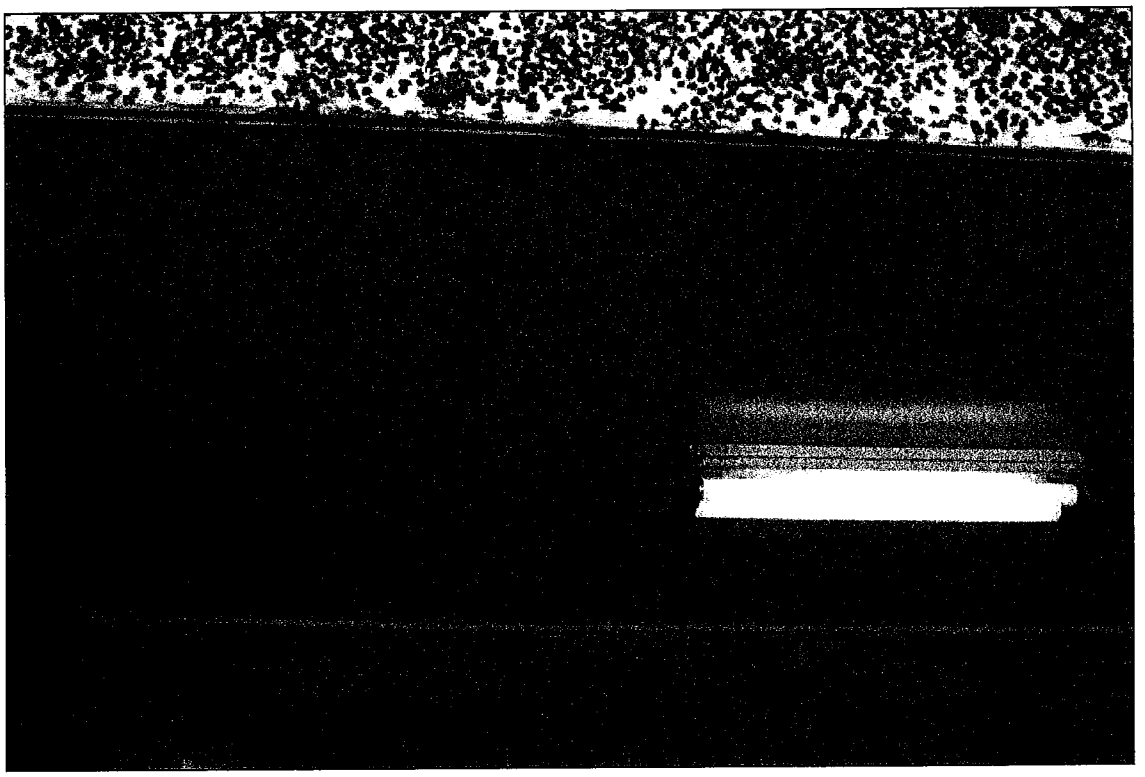
No SMF materials were sighted on the exterior of this building.



Photograph No. 106: Suspected Corrugated Asbestos Cement Roof and Roof Components



Photograph No. 107: Suspected Asbestos Cement Eave Lining to Building



Photograph No. 108: Suspected Asbestos Cement Ceiling Lining to Entry Porch

7.8.2 Building Interior - Level 4

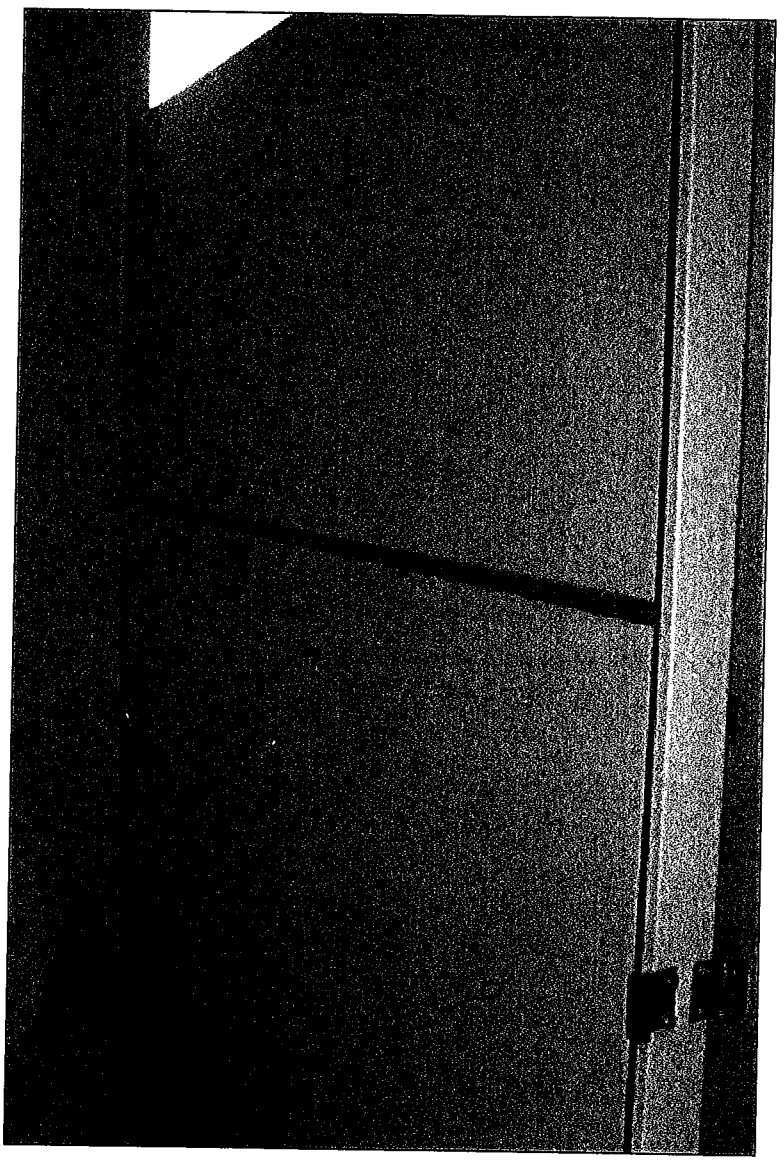
The walls are rendered masonry and the floor is carpeted. The ceiling is plasterboard.

Asbestos materials were sighted as follows:

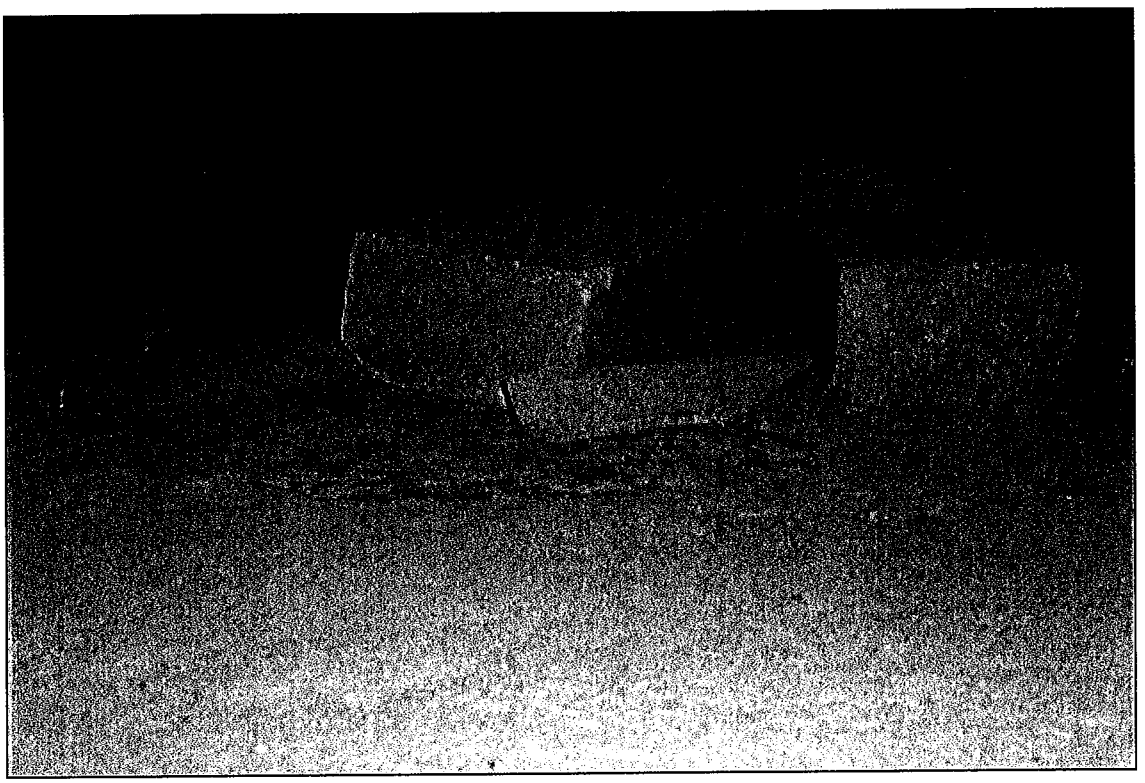
Location	Description	Sample No.	Photograph No.
Toilet Cubicles	Suspected Compressed A/C Sheet		109
Ceiling Space - Contamination	Suspected Asbestos Contamination from Roof		110

SMF materials were sighted as follows:

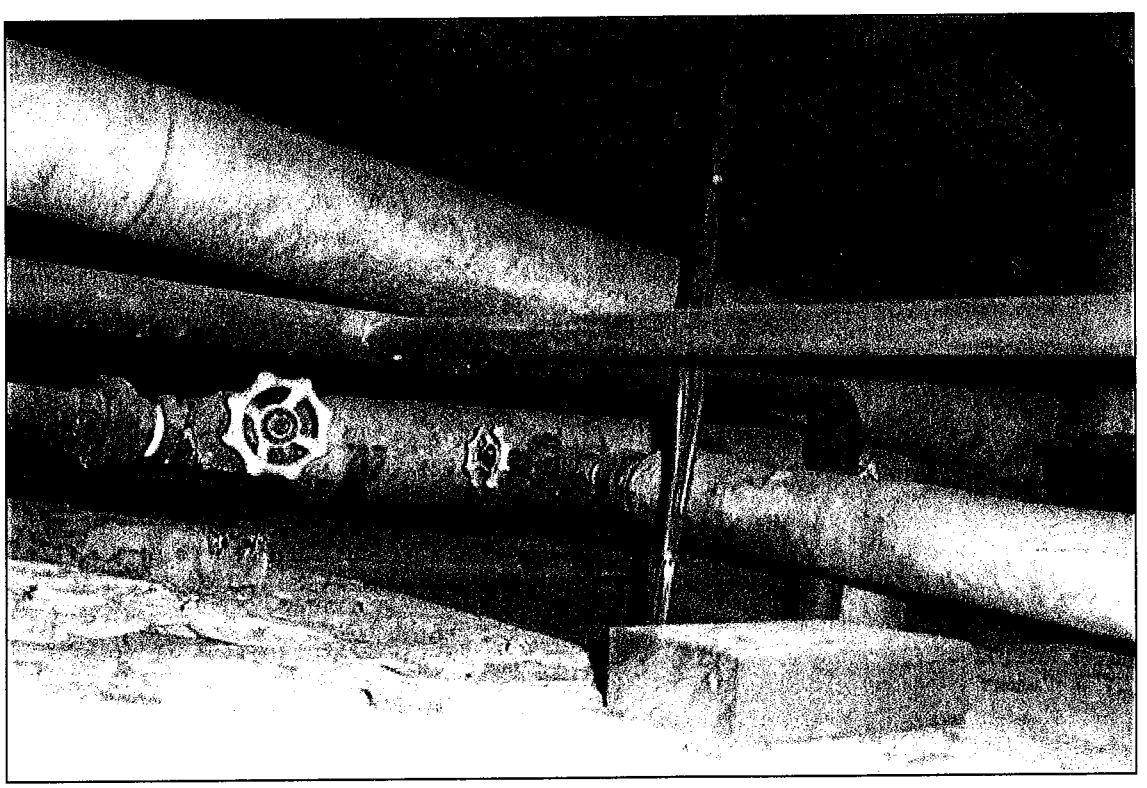
Location	Description	Sample No.	Photograph No.
Fire Hydrant Riser Pipework Insulation	SMF in Cloth		
Roof Space - Pipework Insulation	SMF in Cloth		111



Photograph No. 109: Suspected Compressed Asbestos Cement Toilet Cubicle Partition (Typical)



Photograph No. 110: Suspected Asbestos Contamination in Roof Space



Photograph No. 111: SMF Insulated Pipes in Ceiling Space

7.8.3 Building Interior - Level 3

The walls are rendered masonry and plasterboard and the ceiling is plaster/plastic tile. The floor is carpeted.

Asbestos materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Toilets Cubicles	Suspected Compressed A/C Sheet		

SMF materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Fire Hydrant Room - Pipework Insulation	SMF in Cloth		

7.8.4 Building Interior - Level 2

The walls are rendered masonry and plasterboard and the ceiling is plaster / plastic tile. The floor is carpeted.

Asbestos materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Toilets Cubicles	Suspected Compressed A/C Sheet		

SMF materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Fire Hydrant Room - Pipework Insulation	SMF in Cloth		

7.8.5 Building Interior - Level 1

This levels contains an addition at each end with a terracotta tile roof. The level contains Staff Clinics, Hearing Centre and Offices.

The ceiling is concrete, plaster and plasterboard and the walls and rendered masonry and plasterboard. The floors are ceramic with carpet and sheet vinyl.

No asbestos materials were sighted on this level.

SMF materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Riser Pipework Insulation	SMF in Cloth		

7.8.6 Building Interior - Basement

This area contains some old Plant Rooms now used for storage.

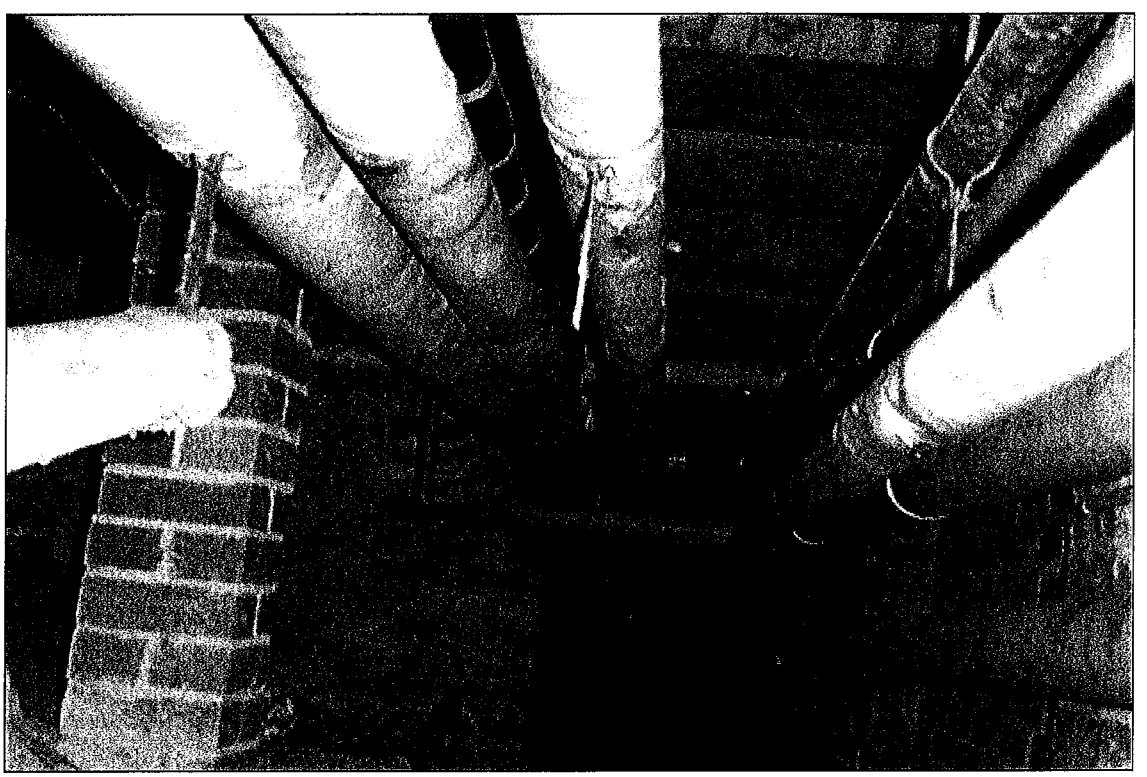
Asbestos materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Plant Room Ceiling Lining	Suspected Flat A/C Sheet		112

SMF materials were sighted as follows:

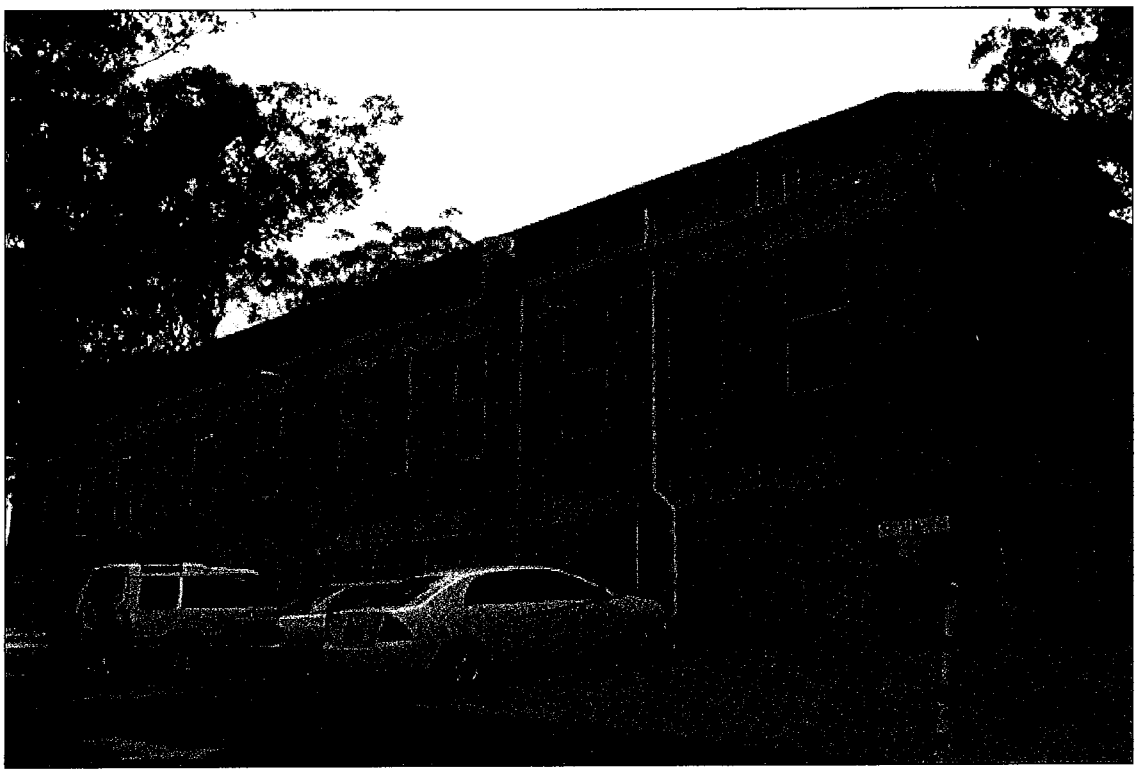
Location	Description	Sample No.	Photograph No.
Sub-Floor - Pipework Insulation	SMF in Cloth		113

Photograph No. 112: Suspected Asbestos Cement Ceiling to Old Plant Room



Photograph No. 113: SMF Insulated Pipes in Sub-Floor Area

7.9 Building No. 9 - Clinical Unit



Photograph No. 114: Building No. 9 - Clinical Unit

7.9.1 Building Exterior

The building is over two levels and is of brick construction with reinforced concrete floors. The roof is metal deck and the windows timber and aluminium framed.

No asbestos or SMF materials were sighed on the exterior of this building.

7.9.2 Building Interior - Level 2

The walls are rendered masonry and plasterboard. The ceiling is plaster tile on an exposed grid system. The floor is carpeted.

No asbestos or SMF materials were sighted on this level.

7.9.3 Building Interior - Level 1

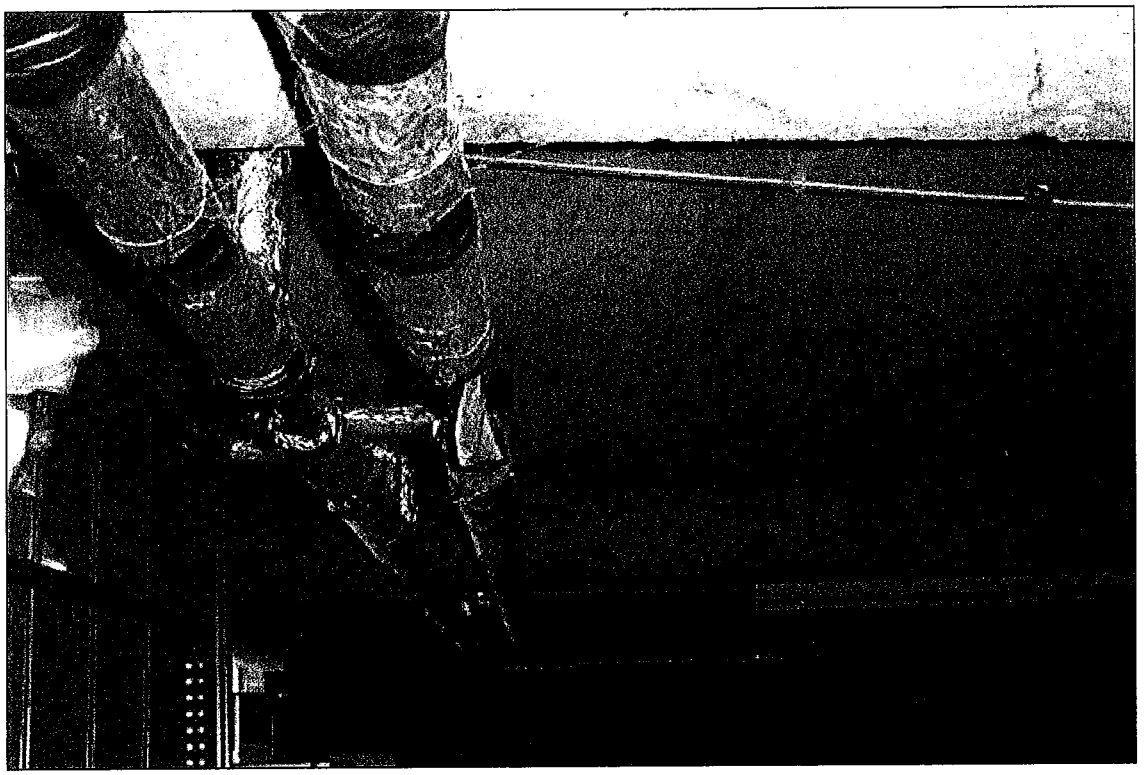
This level contains the Orthotic Workshop and Storage Rooms.

There are no internal linings in this area apart from plasterboard walls to consulting rooms.

No asbestos materials were sighted on this level.

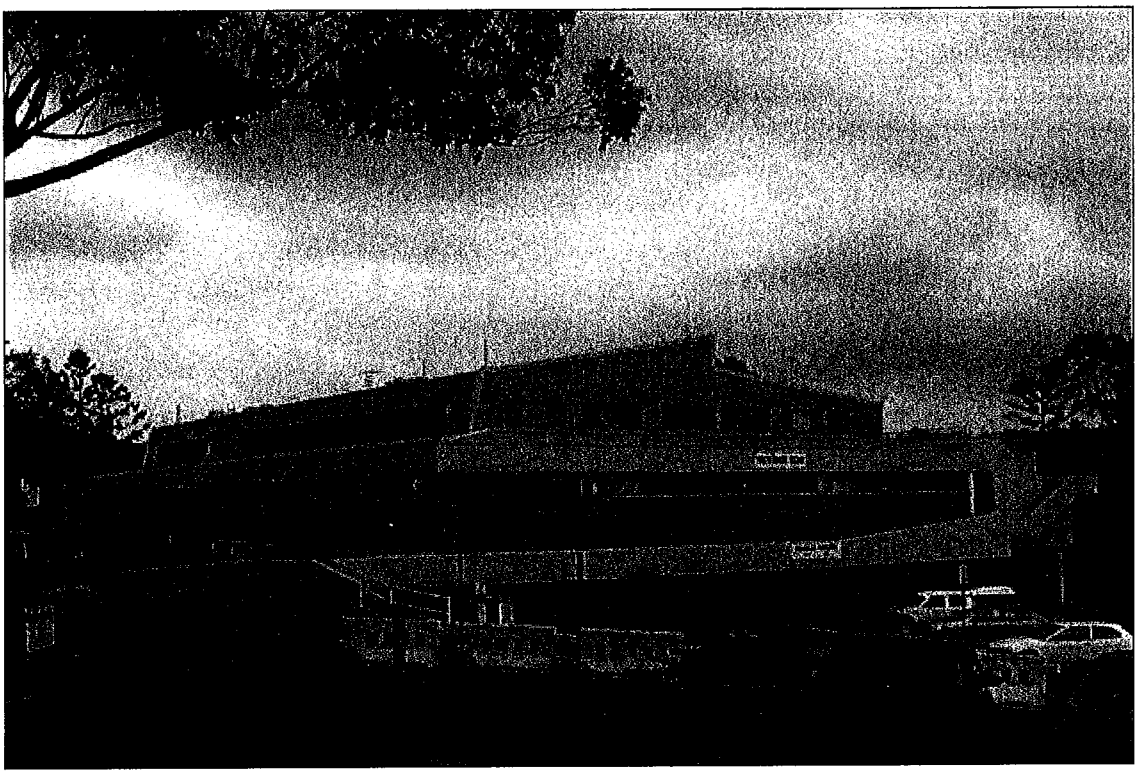
SMF materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Elevated Pipework - Insulation	SMF in Foil		115



Photograph No. 115: SMF in Foil Insulation to Old Pipework - Elevated

7.10 Building No. 10 - Health Services Building



Photograph No. 116: Building No. 10 - Health Services Building

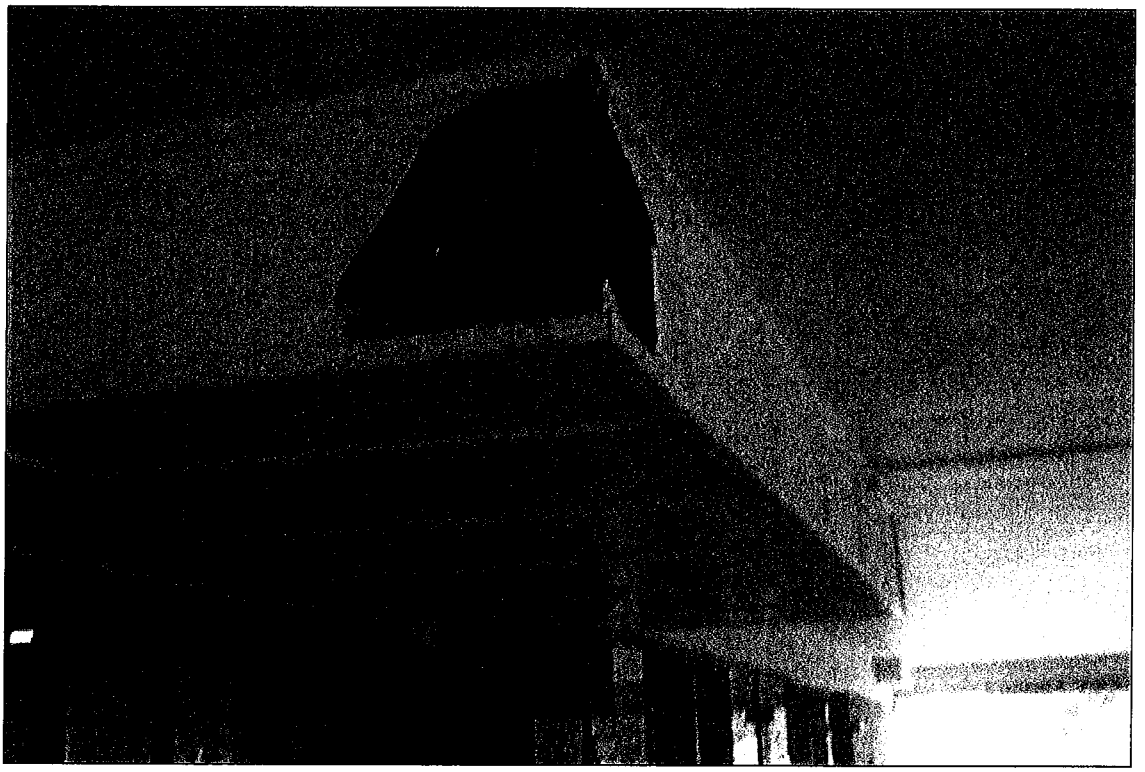
7.10.1 Building Exterior

The building is of brick and reinforced concrete construction with a metal roof and aluminium windows. The floors are concrete.

Asbestos materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Entry Awning Ceiling - Bulkhead	Suspected Flat A/C Sheet	24	117

No SMF materials were sighted on the exterior of the building.



Photograph No. 117: Suspected Asbestos Cement Awning and Bulkhead at Entry (Note Damage)

7.10.2 Building Interior - Level 3

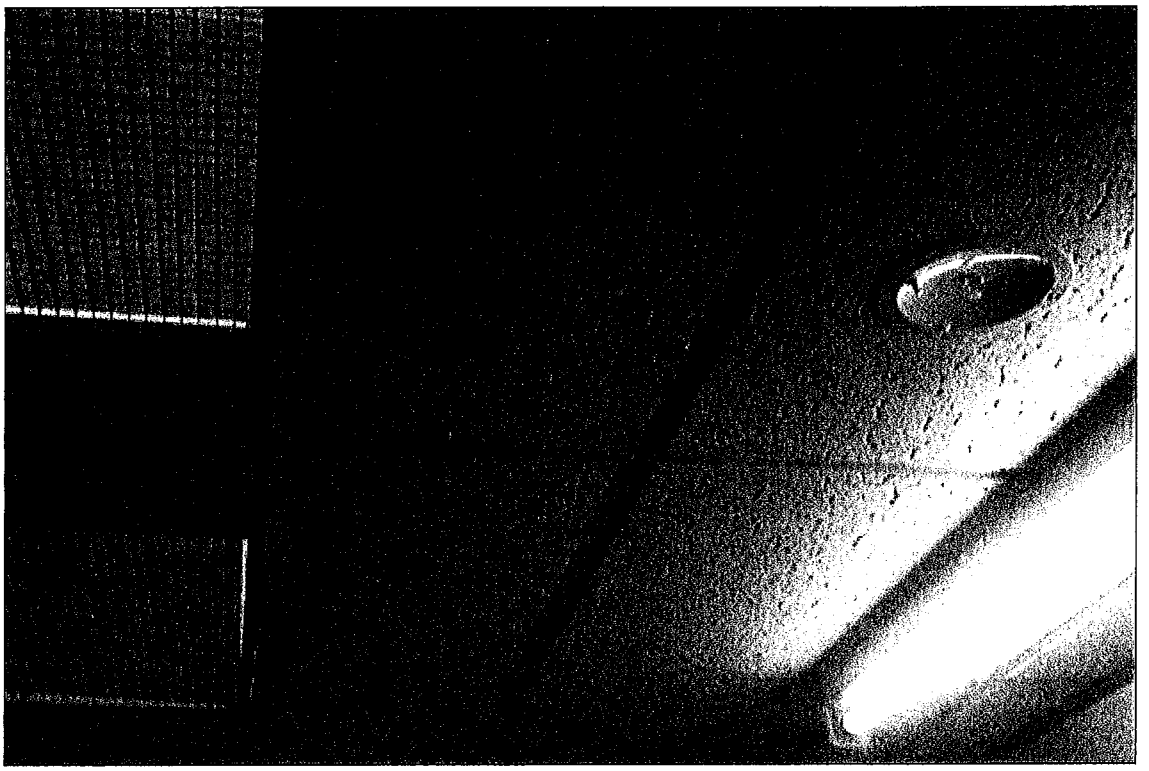
This level contains a Plant Room and Offices. The offices have plasterboard walls and the ceilings are organic fibre tile and plaster tile. The floors are carpeted. The Plant Room has no linings (see **Photograph No. 118**).

Asbestos materials were sighted as follows:

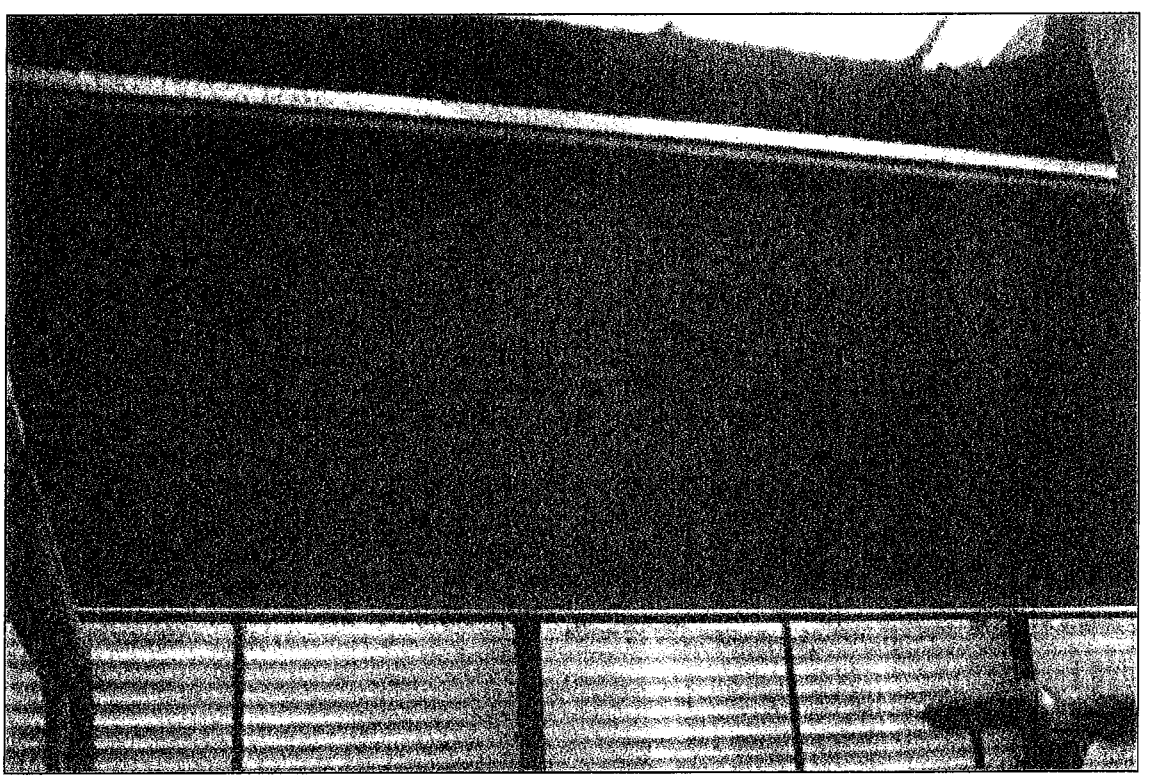
Location	Description	Sample No.	Photograph No.
Lining Above Air Intake - Plant Room	Suspected Flat A/C Sheet		119
Toilet - Plant Room Partition	Suspected Flat A/C Sheet		120
Fire Doors - Typical	Asbestos Core	25	121

SMF materials were sighted as follows:

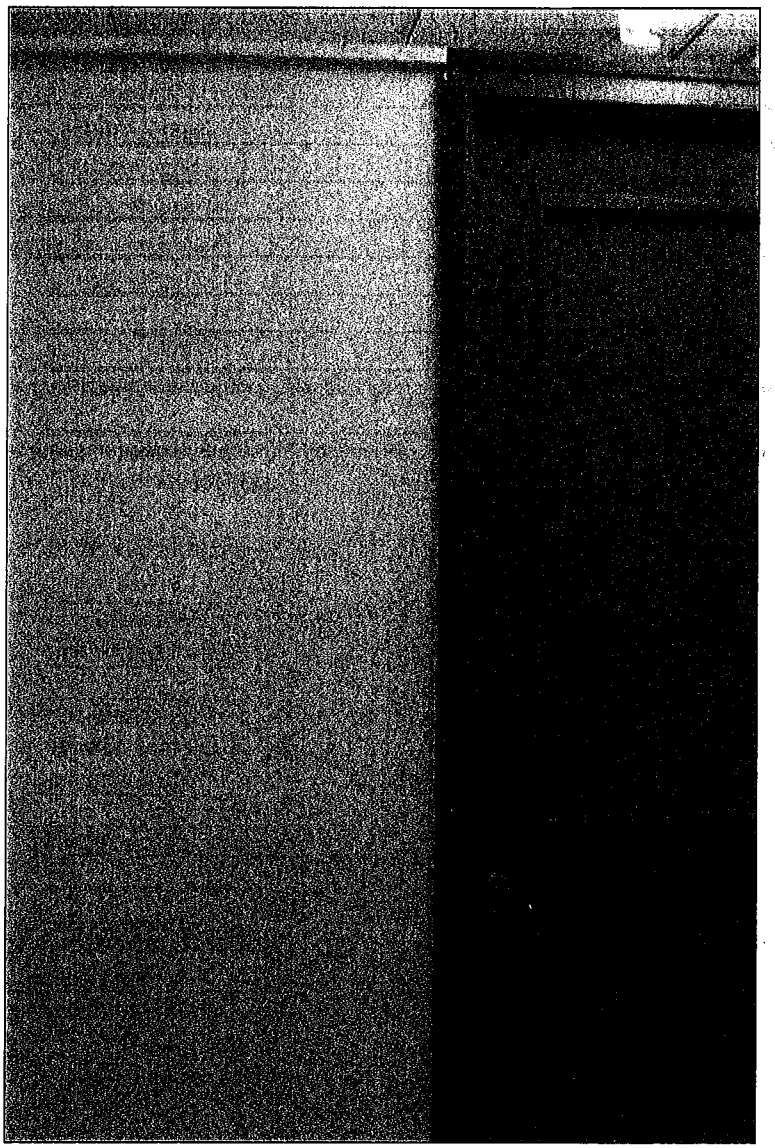
Location	Description	Sample No.	Photograph No.
Plant Room - Pipework Insulation	SMF in Metal		122
Ceiling Space - Roof Insulation	SMF in Foil		
Ceiling Space - A/C Ducts - Insulation	SMF in Foil		
Ceiling Space Insulation	SMF Batts (Part)		123
Original Ceiling Tiles	SMF		118



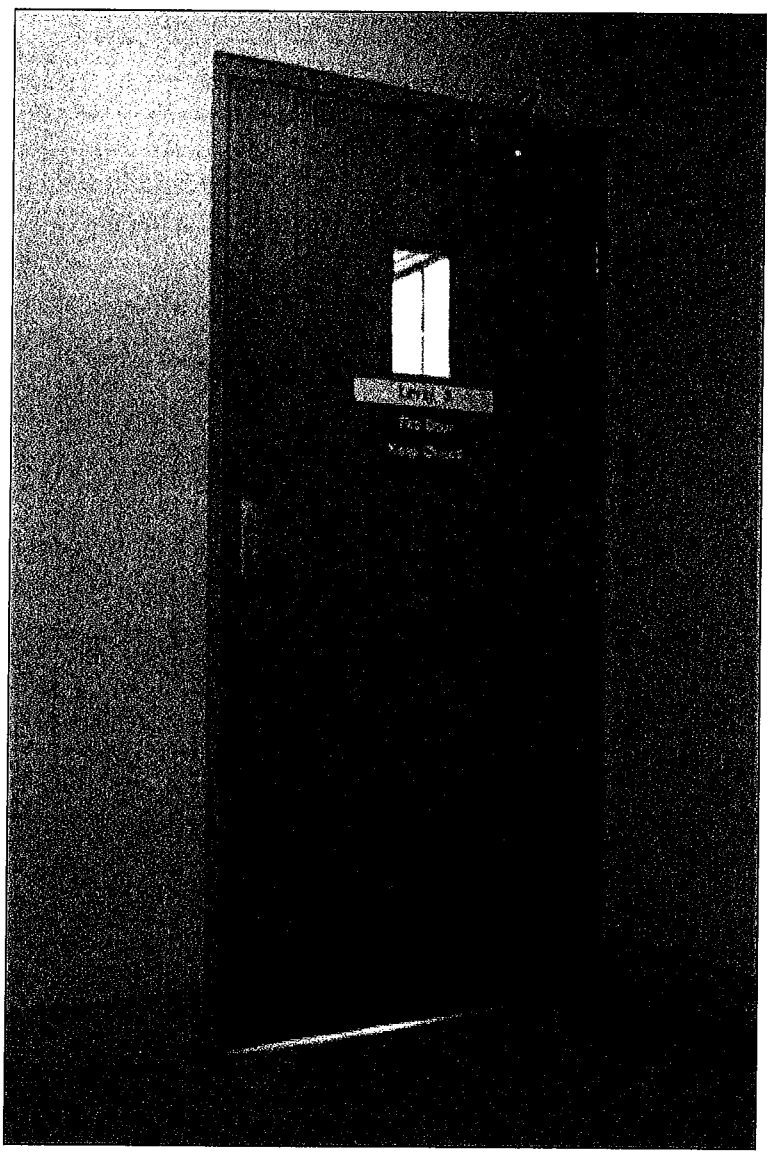
Photograph No. 118: Organic and Synthetic Mineral Fibre Tiles to Office Ceilings - Level 3



Photograph No. 119: Suspected Asbestos Cement Lining Above Air Intake in Plant Room

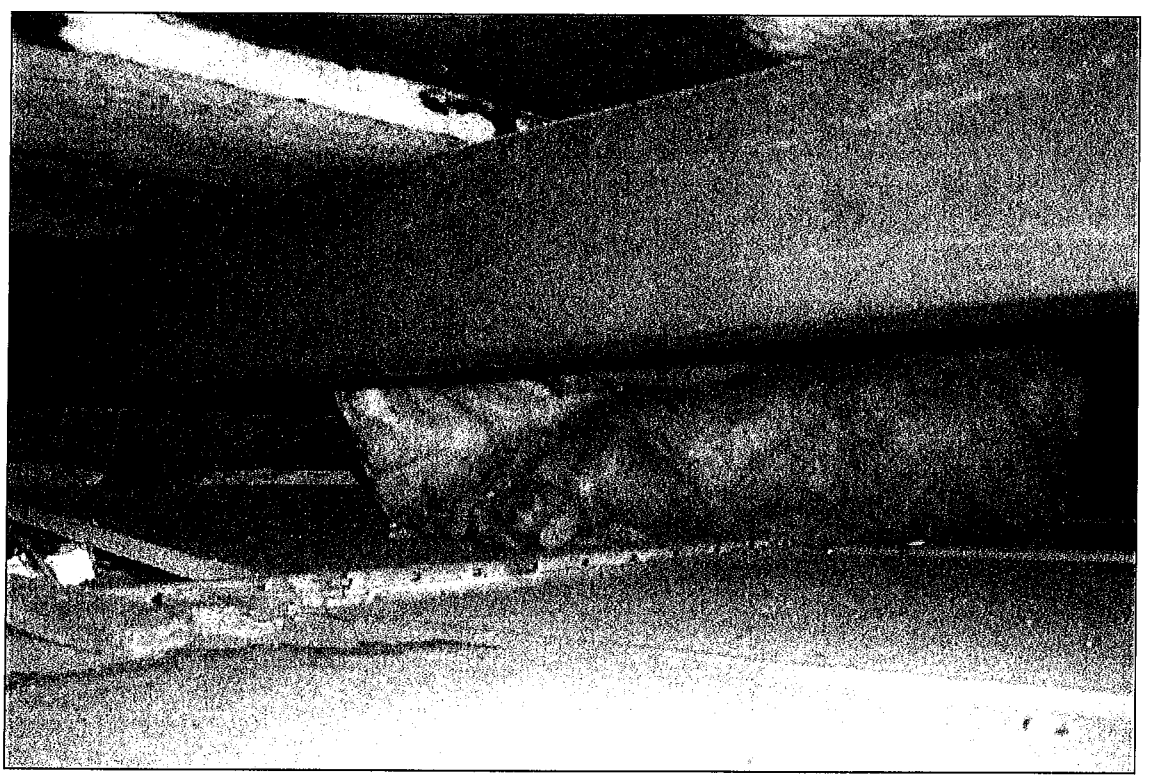


Photograph No. 120: Suspected Asbestos Cement Wall Partition to Toilet



Photograph No. 121: Fire Doors (Typical) with an Asbestos Core

Photograph No. 122: Riser –SMF (in metal) Insulated Pipes in Plant Room



Photograph No. 123: SMF Batts in Ceiling Space

7.10.3 Building Interior - Level 2

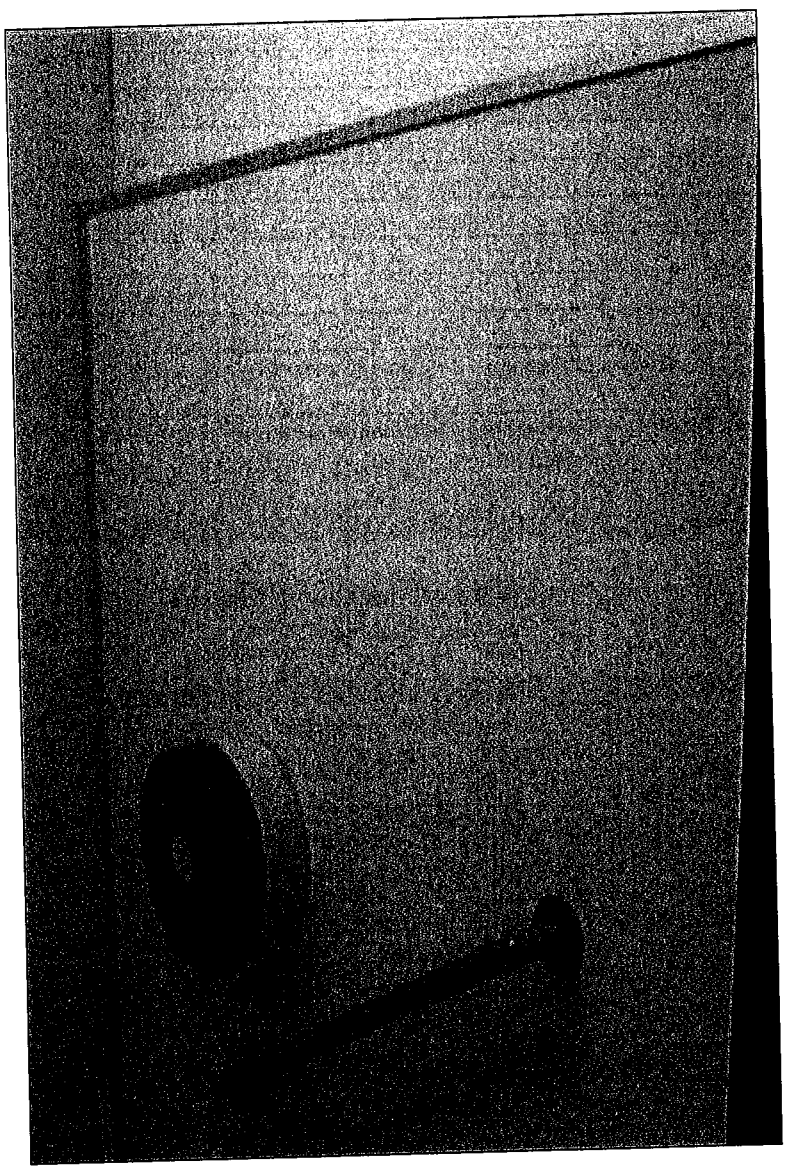
The ceilings are metal tile and the walls rendered masonry and plasterboard. The floors are carpeted.

Asbestos materials were sighted as follows:

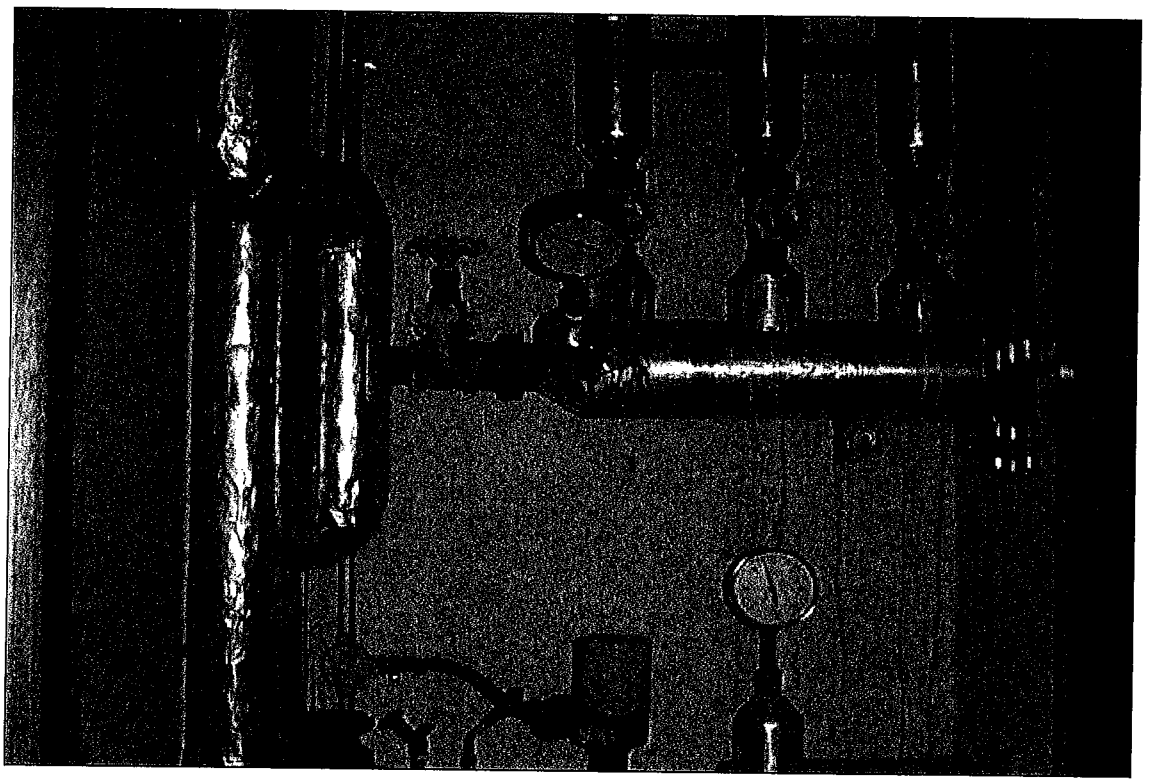
Location	Description	Sample No.	Photograph No.
Fire Hydrant Cupboard Ceiling	Suspected Flat A/C Sheet		
Fire Doors to Fire Stairs	Suspected Asbestos Core		
Toilets - Cubicle Partitions	Suspected Compressed A/C Sheet		124

SMF materials were sighted as follows:

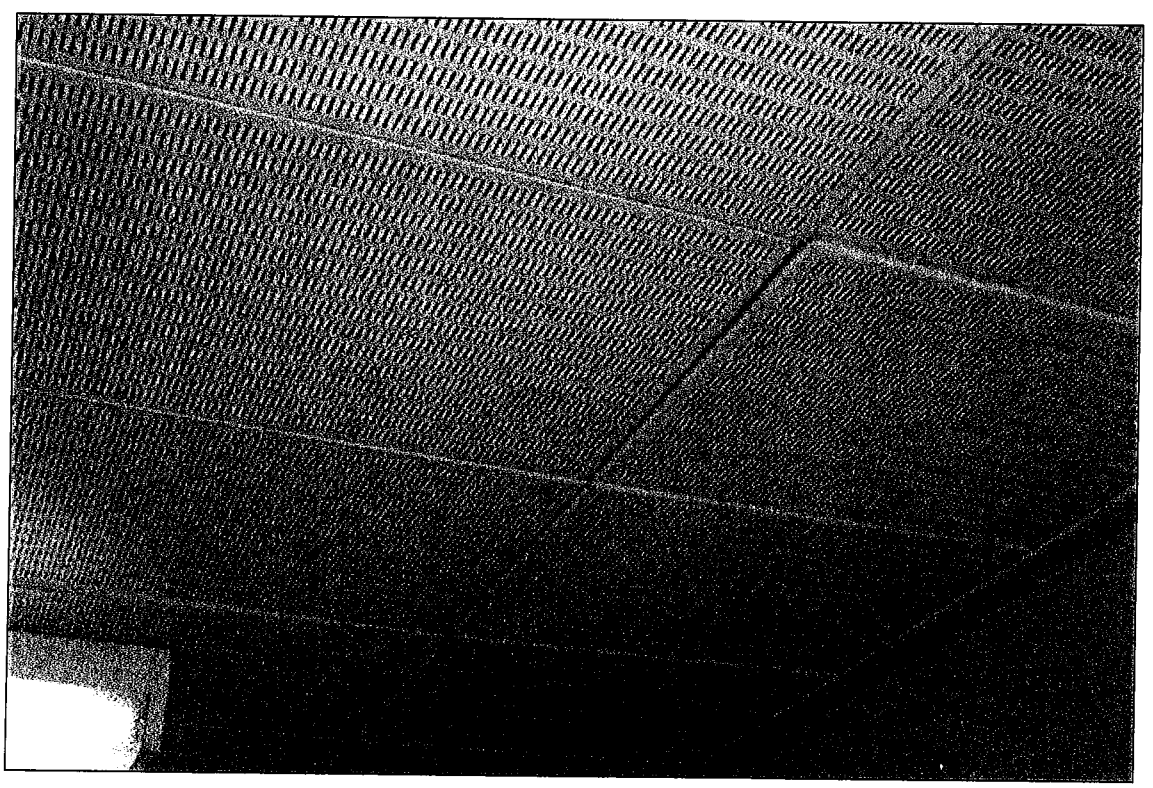
Location	Description	Sample No.	Photograph No.
Hot Water Valve Cupboard -	SMF in Foil		125
Ceiling Space - A/C Ductwork	SMF in Foil		
Ceiling Tiles - Insulation	SMF Backing		126



Photograph No. 124: Suspected Compressed A/C Cubicle to Toilets



Photograph No. 125: SMF Insulation to Hot Water Pipes in Valve Cupboard



Photograph No. 126: Metal Ceiling Tiles with SMF Backing

7.10.4 Building Interior - Level 1

This level contains a Plant Room and Library.

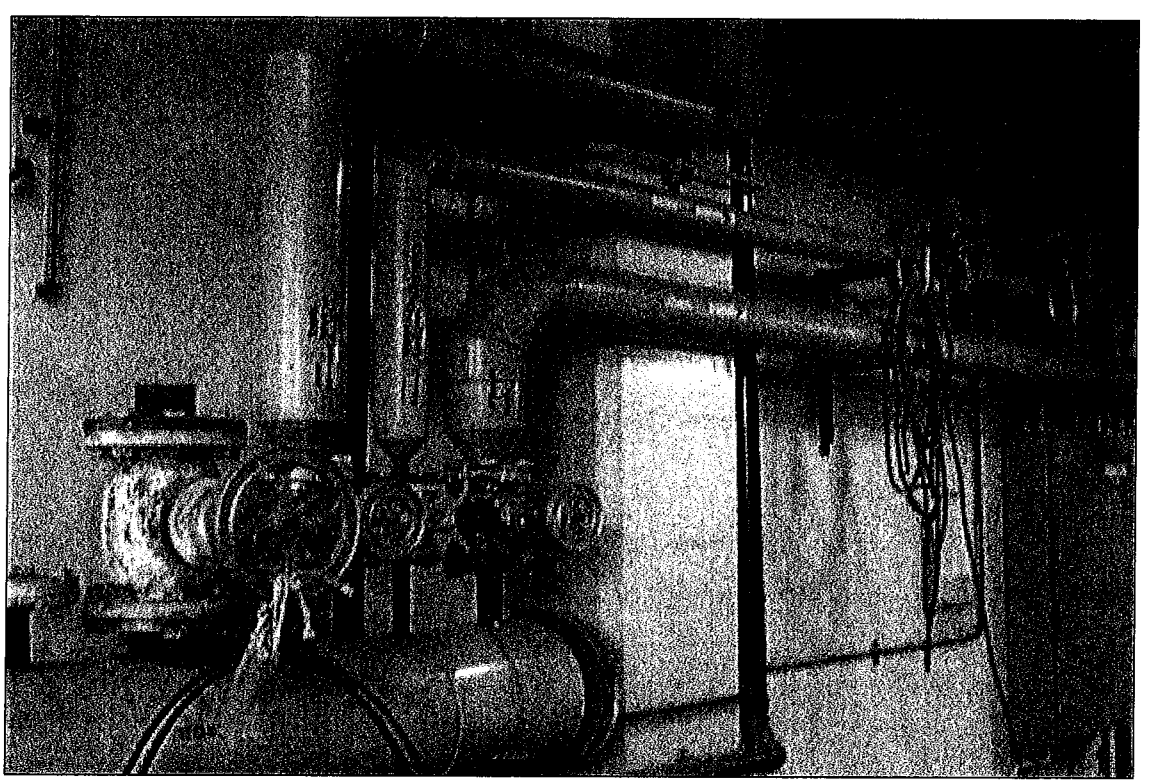
The walls are rendered masonry and plasterboard. The ceiling to the Library is SMF tile on an exposed grid system. The floors are carpeted.

Asbestos materials were sighted as follows:

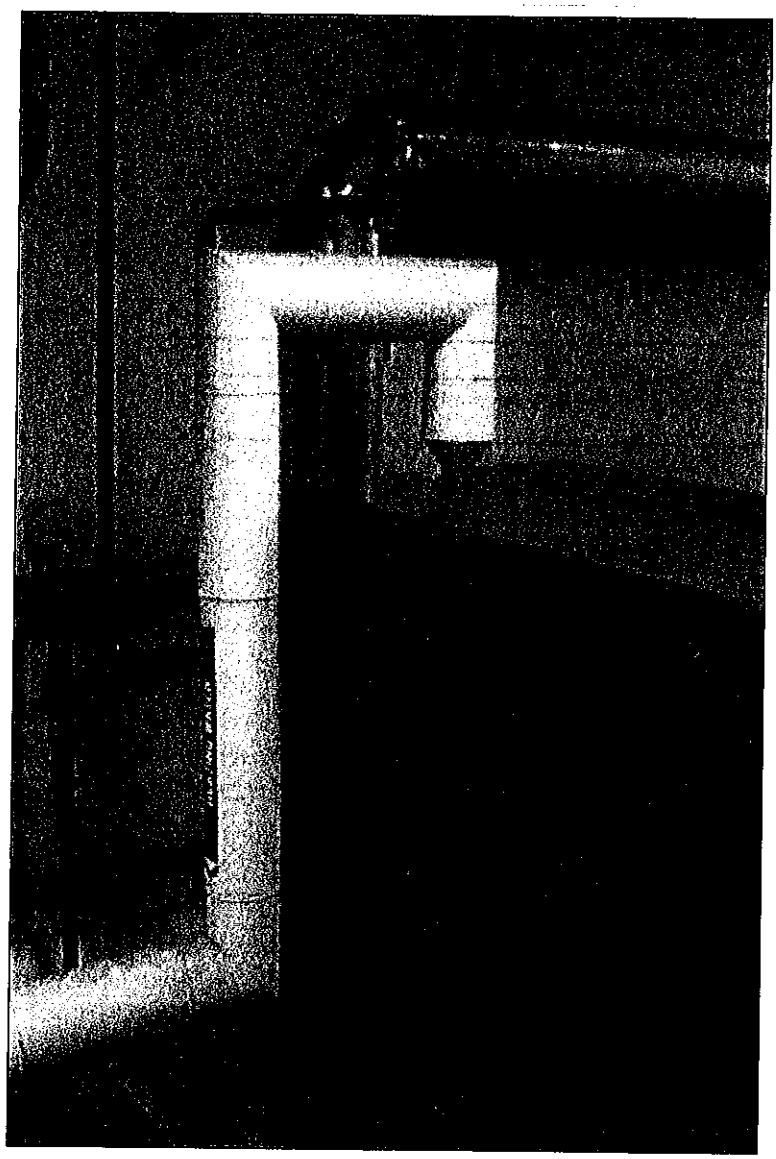
Location	Description	Sample No.	Photograph No.
Fire Stairs - Fire Door	Suspected Asbestos Core		

SMF materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Hot Water Valve Cupboard - Pipework Insulation	SMF in Foil		
Plant Room - Pipework Insulation	SMF in Metal		127
Plant Room - Furnace Insulation	SMF in Metal		128
Ceiling Space - A/C Ductwork	SMF in Foil		

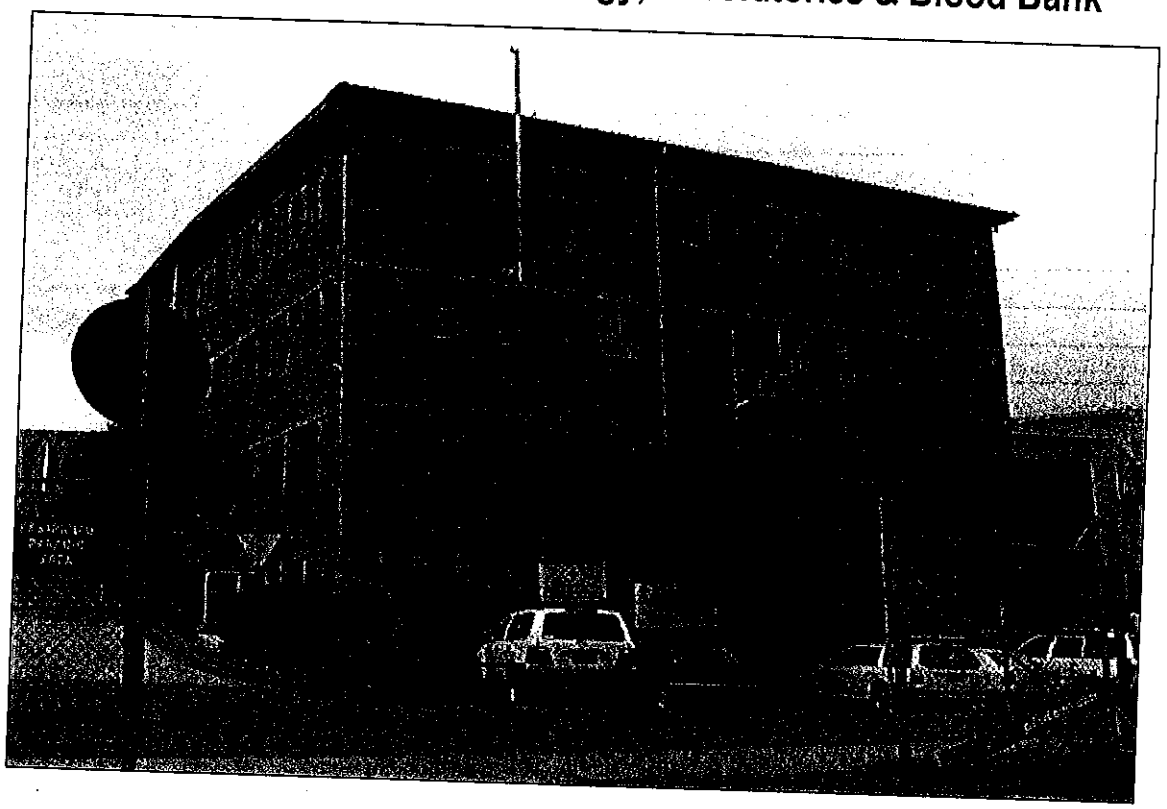


Photograph No. 127: SMF in Metal Pipework in Plant Room



Photograph No. 128: SMF Insulated Furnace in Plant Room

7.11 Building No. 11 - Pathology, Laboratories & Blood Bank



Photograph No. 129: Building No. 11 - Pathology, Laboratories and Blood Bank

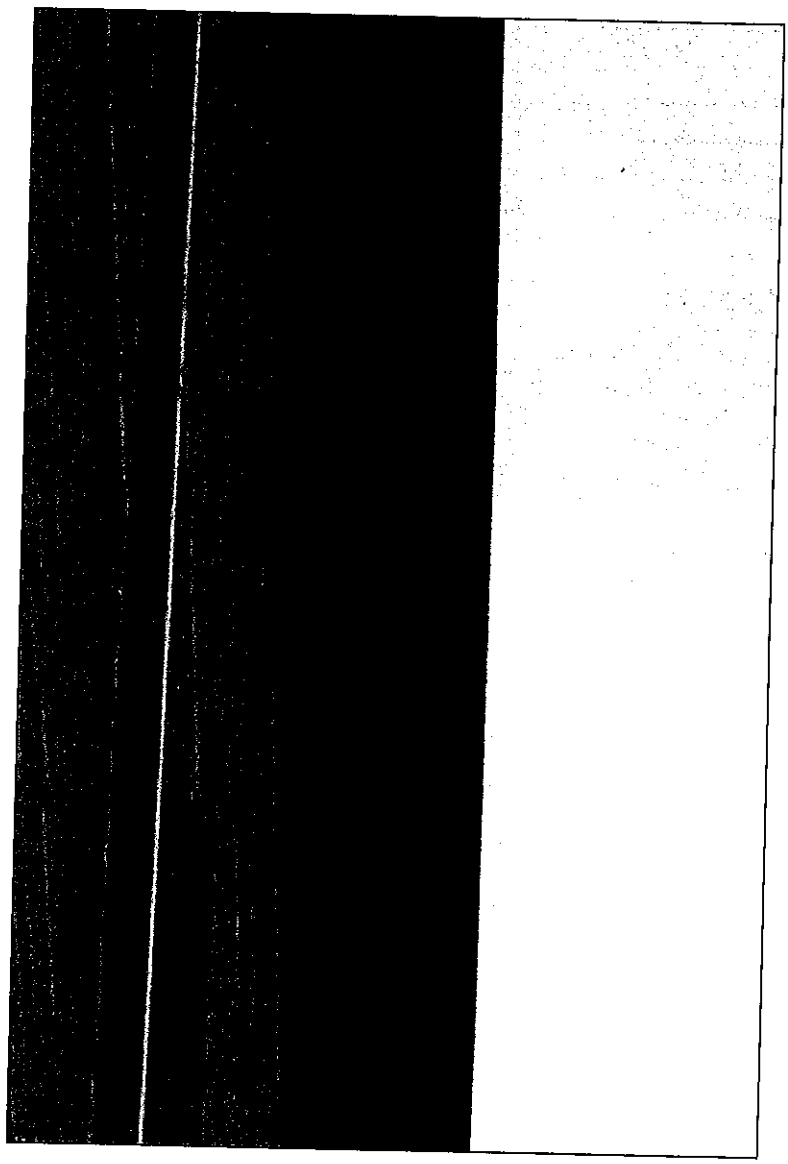
7.11.1 Building Exterior

The building is of brick construction with concrete floors and aluminium windows. The roof is metal deck.

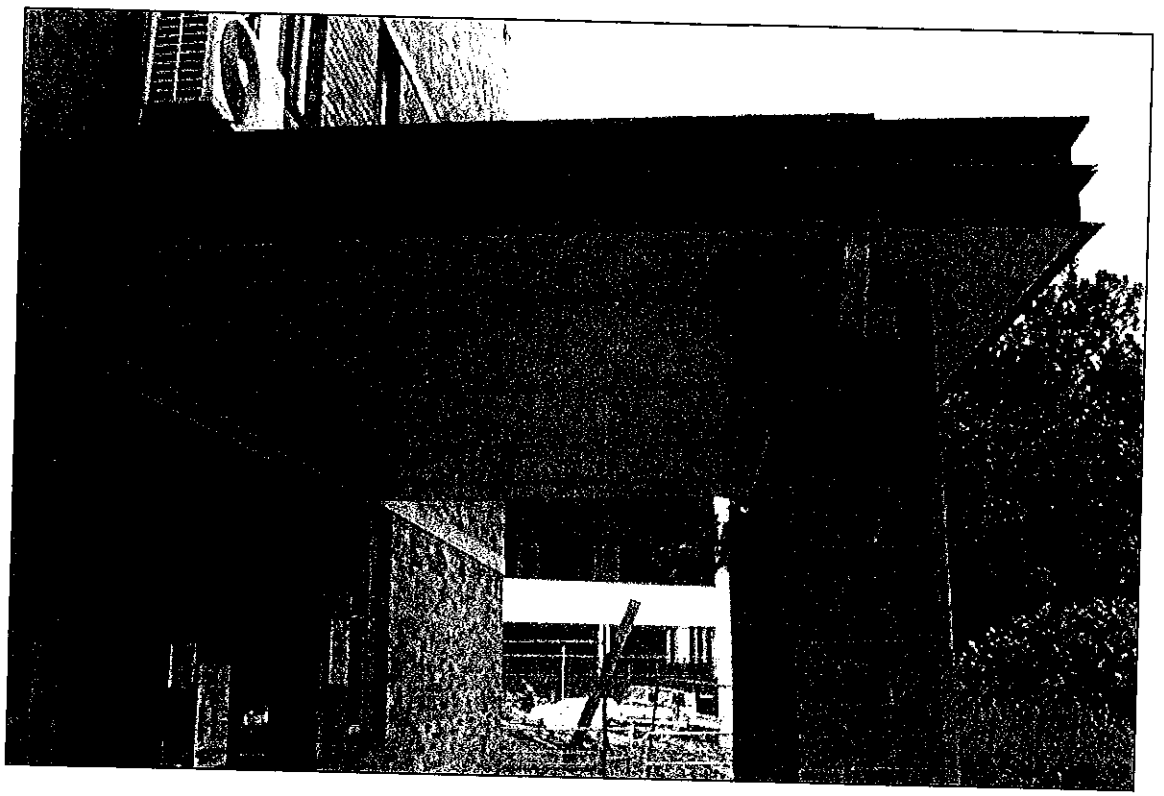
Asbestos materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Eave Lining	Suspected Flat A/C Sheet		130

No SMF materials were sighted on the exterior of this building.



Photograph No. 130: Suspected Asbestos Cement Eave Lining to Building



Photograph No. 131: Fibrous Cement Ceiling Lining to Main Entry (Asbestos Free)

7.11.2 Building Interior - Level 4

Above Level 4 is a Plant Room which was not accessible at the time of the inspection due to building renovation - construction site.

The Laboratories on this level have plasterboard walls and ceilings. The wall linings to the wet areas are hard flat fibrous cement sheet. Sheet vinyl is laid on the floor.

No asbestos materials were sighted on this level.

SMF materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Roof Insulation	SMF on Foil		

7.11.3 Building Interior - Level 3

The walls and ceiling on this level are plasterboard. Perimeter walls are rendered masonry. The floors are concrete with sheet vinyl. There is a timber lined feature to the old main entry foyer.

No asbestos materials were sighed on this level.

SMF materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Ceiling Space Pipework Insulation	SMF in Coth		
Ceiling Space A/C Ducts (Flexible)	SMF in Plastic		

7.11.4 Building Interior - Level 2

The finishes on this level are similar to those on Level 3.

No asbestos materials were sighed on this level.

SMF materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Ceiling Space Pipework Insulation	SMF in Coth		
Ceiling Space A/C Ducts (Flexible)	SMF in Plastic		

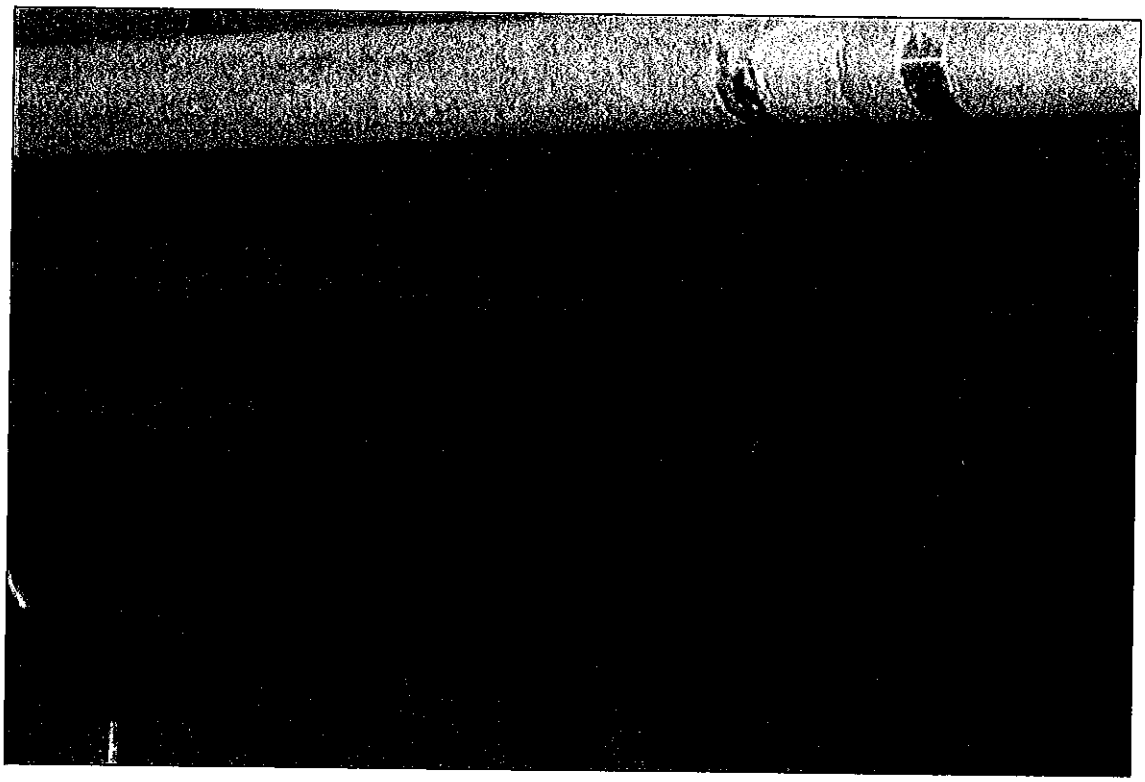
7.11.5 Building Interior - Level 1

This level contains the Blood Bank, Old Maintenance Office and Plant Room. The Plant Room was not accessible at the time of the inspection.

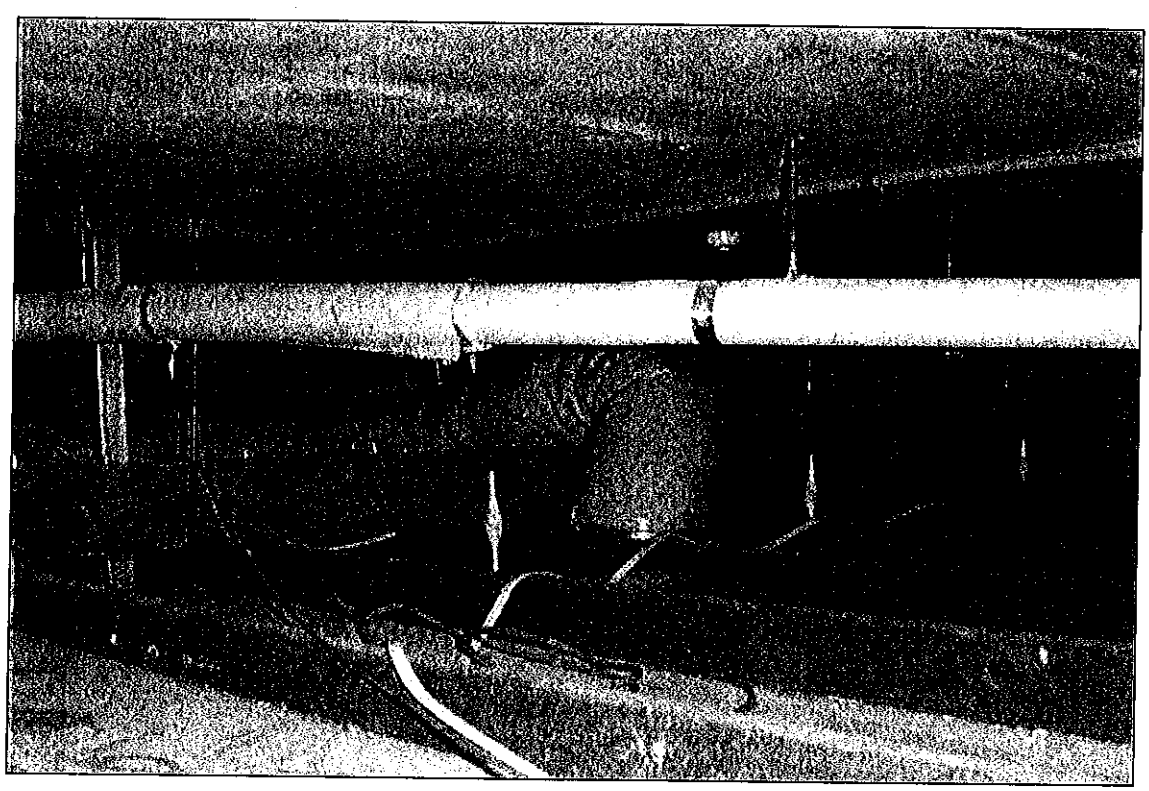
No asbestos materials were sighted on this level.

SMF were sighted as follows:

Location	Description	Sample No.	Photograph No.
Ceiling Space Pipework Insulation	SMF in Coth		
Ceiling Space A/C Ducts (Flexible)	SMF in Plastic		

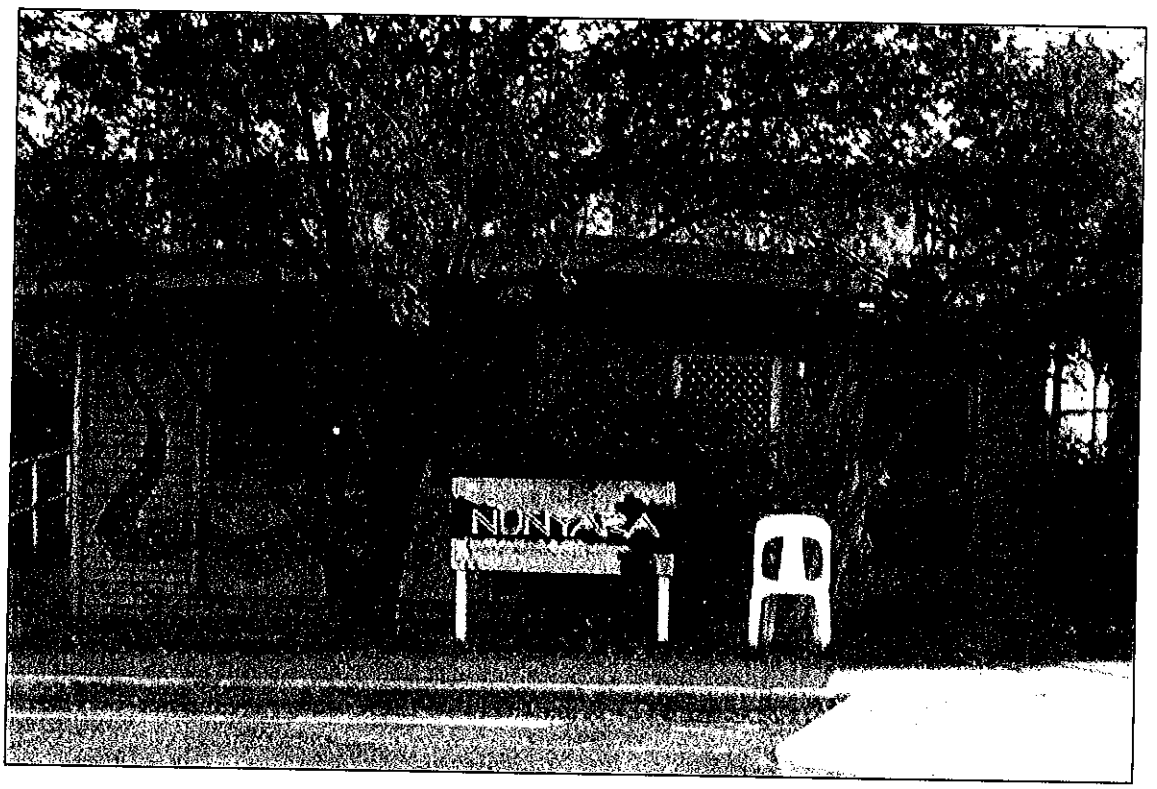


Photograph No. 132: SMF Insulation to Hot Water Pipes in Ceiling Space



Photograph No. 133: SMF in Plastic to A/C Ducts

7.12 Building No. 12 - "Nunyarra" Aboriginal Health



Photograph No. 134: Building No. 12 "Nunyarra" Aboriginal Health

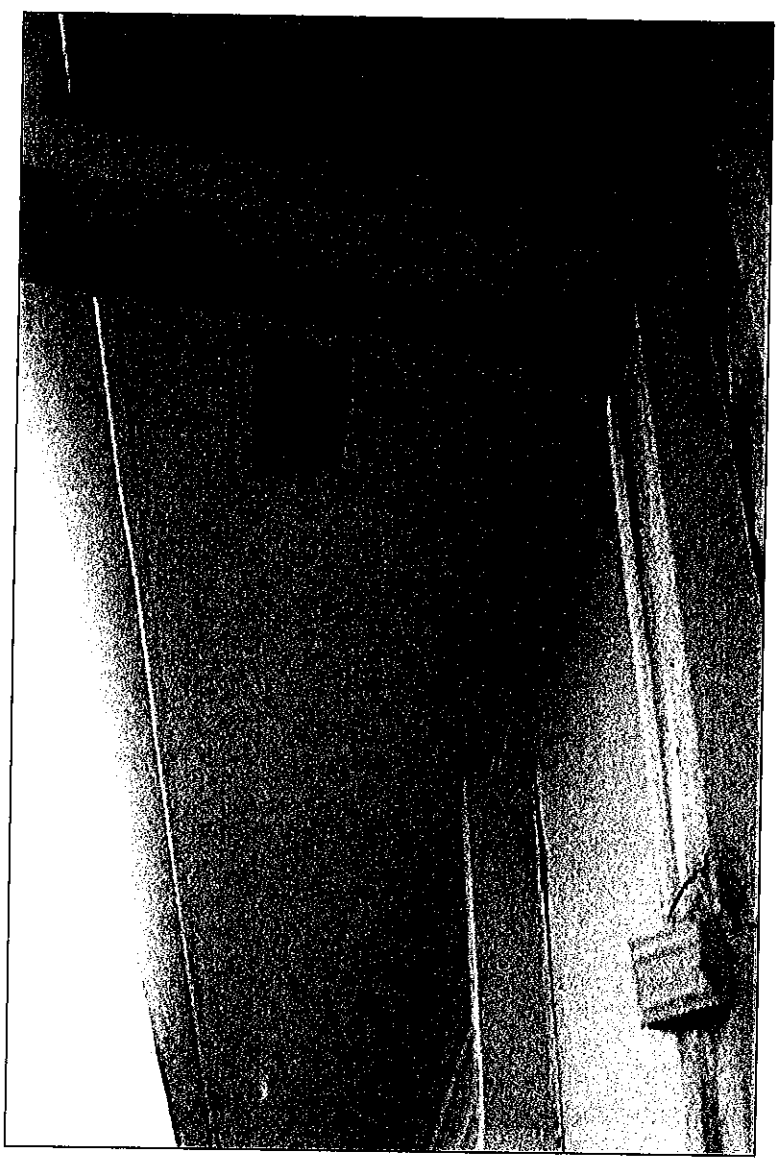
7.12.1 Building Exterior

The building is of timber frame construction with timber floors and a metal roof. The exterior is clad with profiled asbestos cement sheet. The windows are timber framed.

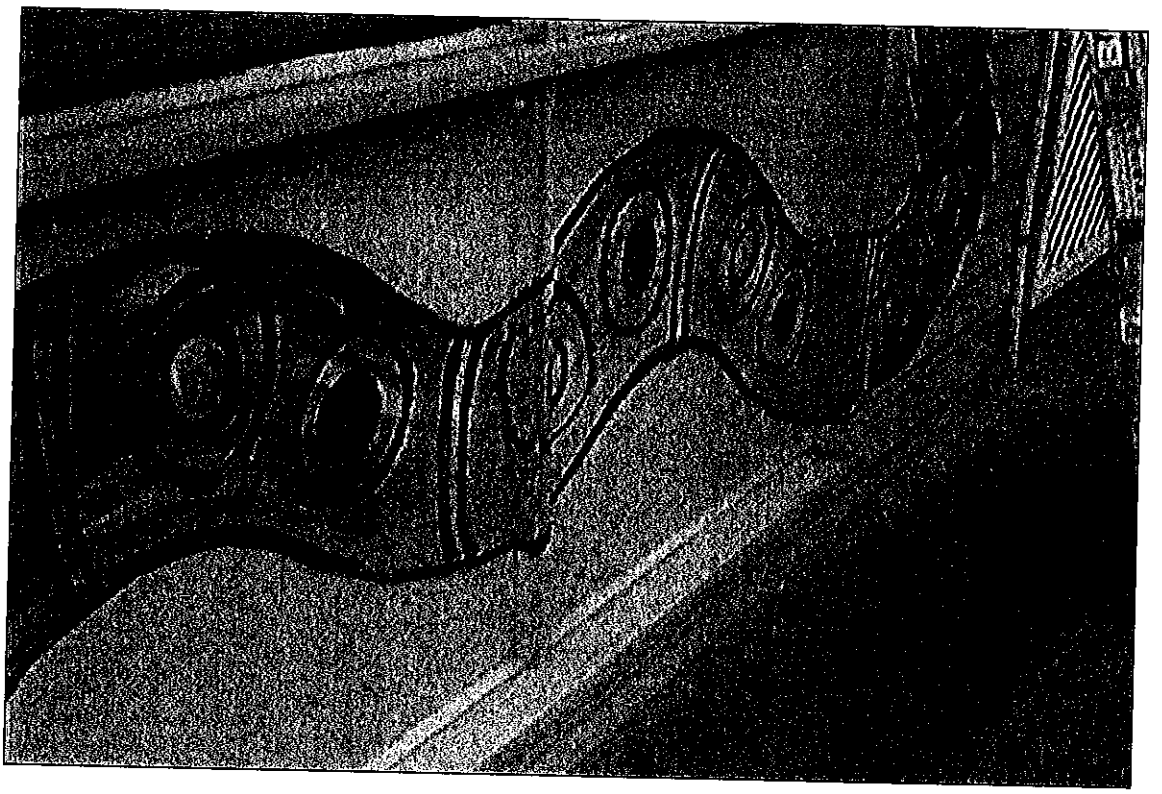
Asbestos materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Eave Lining	Suspected Flat A/C Sheet		135
Window Spandrel Panels	Suspected Flat A/C Sheet		136
Exterior Cladding	Profiled A/C Sheet	30	

No SMF materials were sighted on the exterior of the building.



Photograph No. 135: Suspected Asbestos Cement Eave Lining



Photograph No. 136: Suspected Asbestos Cement Window Spandrel Panel

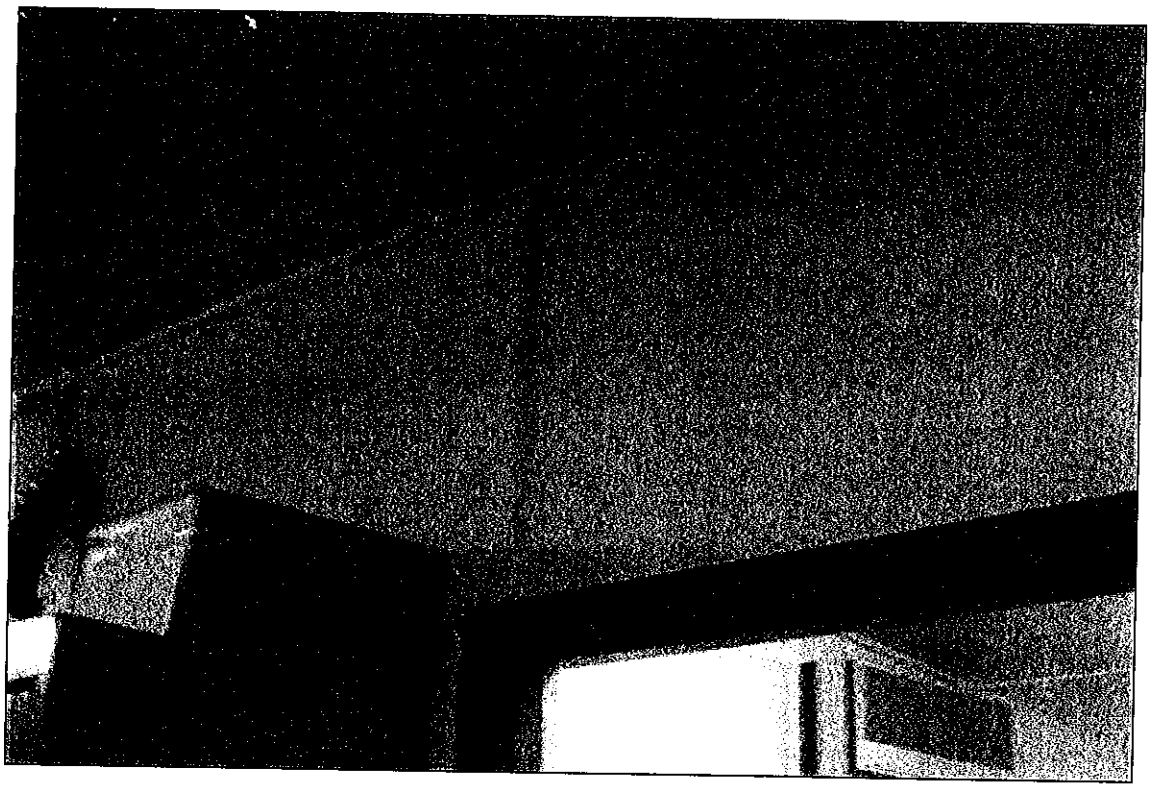
7.12.2 Building Interior

The interior walls and ceiling are hardboard and asbestos cement sheet. The floors are carpeted with sheet vinyl to the amenity room.

Asbestos materials were sighted as follows:

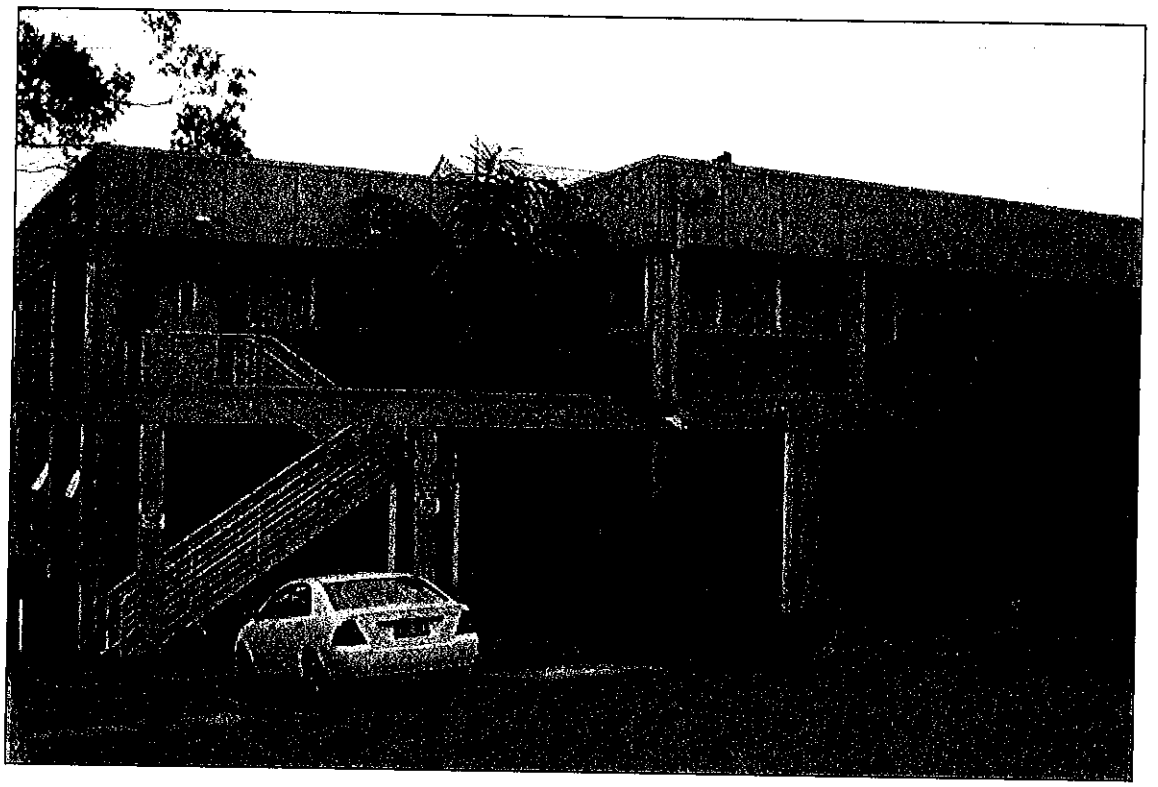
Location	Description	Sample No.	Photograph No.
Wall Lining (Part)	Flat A/C Sheet	31	137
Ceiling Lining (Part)	Suspected Flat A/C Sheet		

No SMF materials were sighted in this building.



Photograph No. 137: Asbestos Cement Wall and Ceiling Lining to Building

7.13 Building No. 13 - Education Centre



Photograph No. 138: Building No. 13 - Education Centre

7.13.1 Building Exterior

The building is of brick and reinforced concrete construction with aluminium windows are compressed fibrous cement fascias and eaves. The roof is metal.

No asbestos or SMF materials were sighted on the exterior of the building.

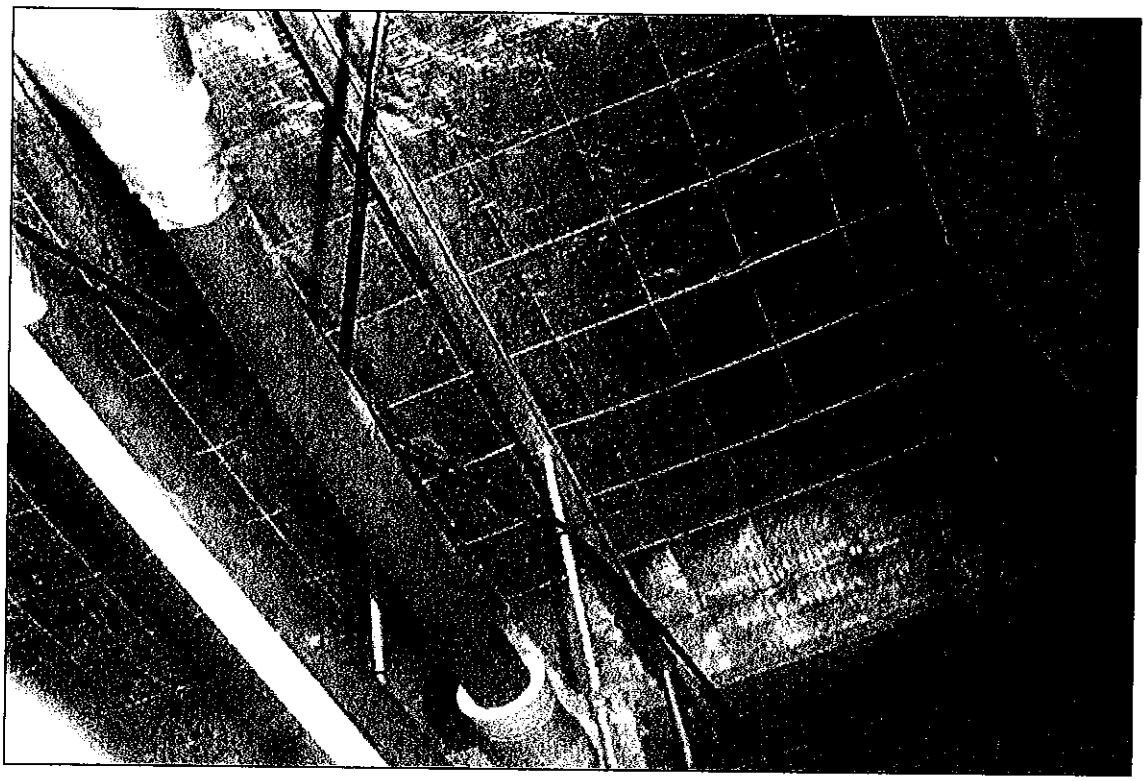
7.13.2 Building Interior

The building contains three levels which have similar finishes. Plasterboard and rendered masonry walls. Plasterboard and mineral fibre ceiling tiles are carpet / sheet vinyl to the floors. The toilet cubicle partitions are compressed fibrous cement sheet.

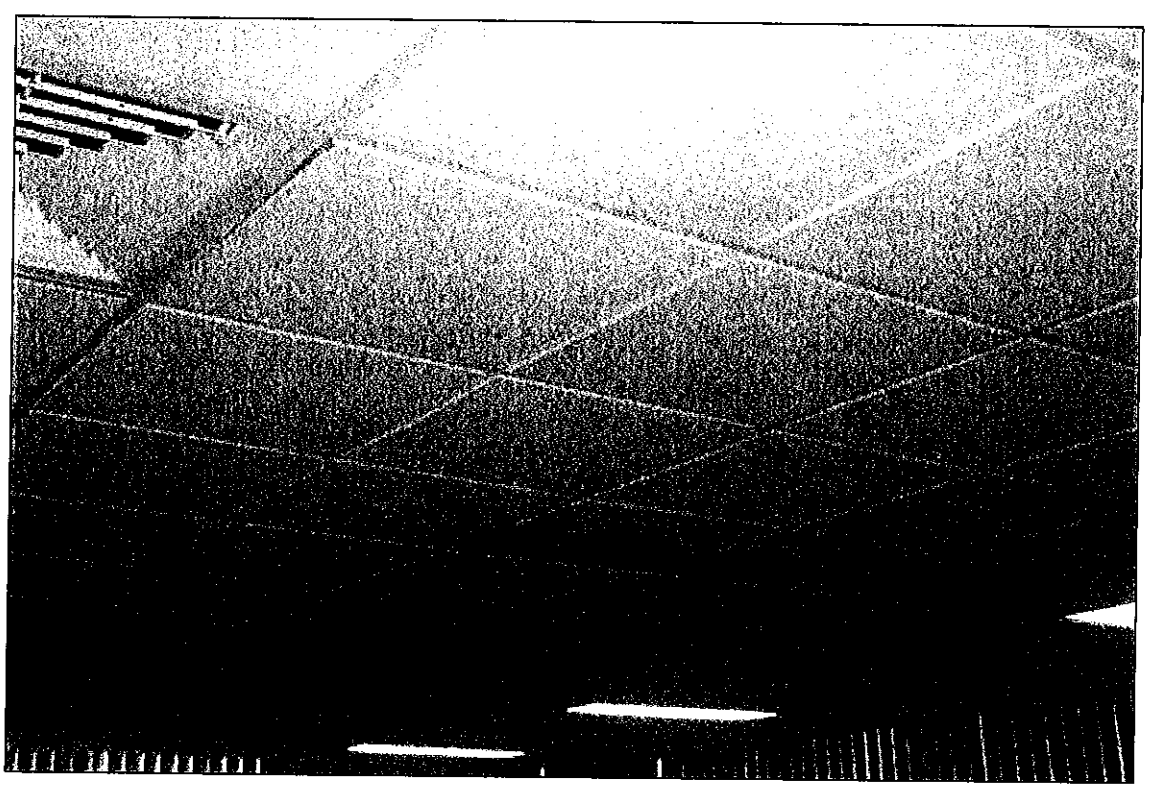
No asbestos materials were sighted on the interior of the building.

SMF materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Ceiling Space - Insulation to Roof	SMF on Foil		139
Ceiling Space - A/C Ducts	SMF on Foil		
Ceiling Tiles	SMF Ceiling Tiles		140

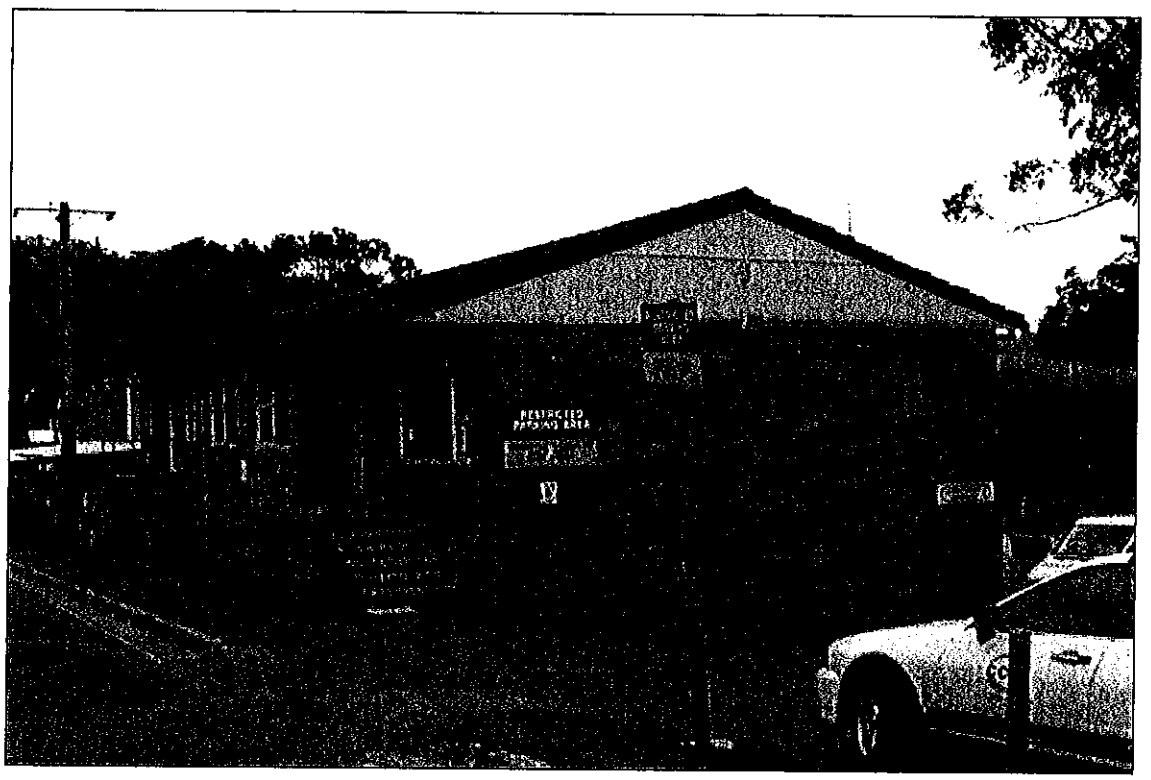


Photograph No. 139: SMF on Foil Insulation to Roof



Photograph No. 140: SMF Ceiling Tiles

7.14 Building No. 14 - Information Technology Centre



Photograph No. 141: Building No. 14 - Information Technology Centre

7.14.1 Building Exterior

The building was formerly a residence which has been modified and undergone alterations and additions.

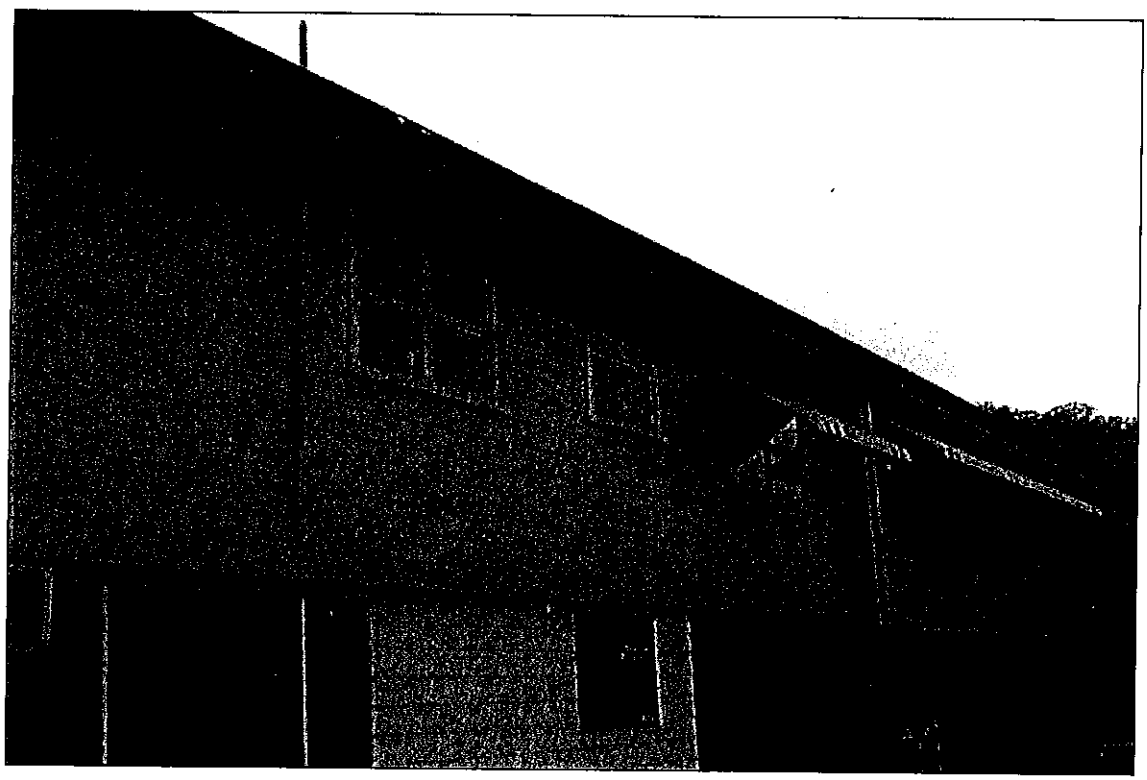
The building is of timber frame construction externally lined with face brickwork. The roof is cement tile and the windows are timber framed. The rear of the building is clad with "Hardiplank". (See **Photograph No. 42**).

Asbestos materials were sighted as follows:

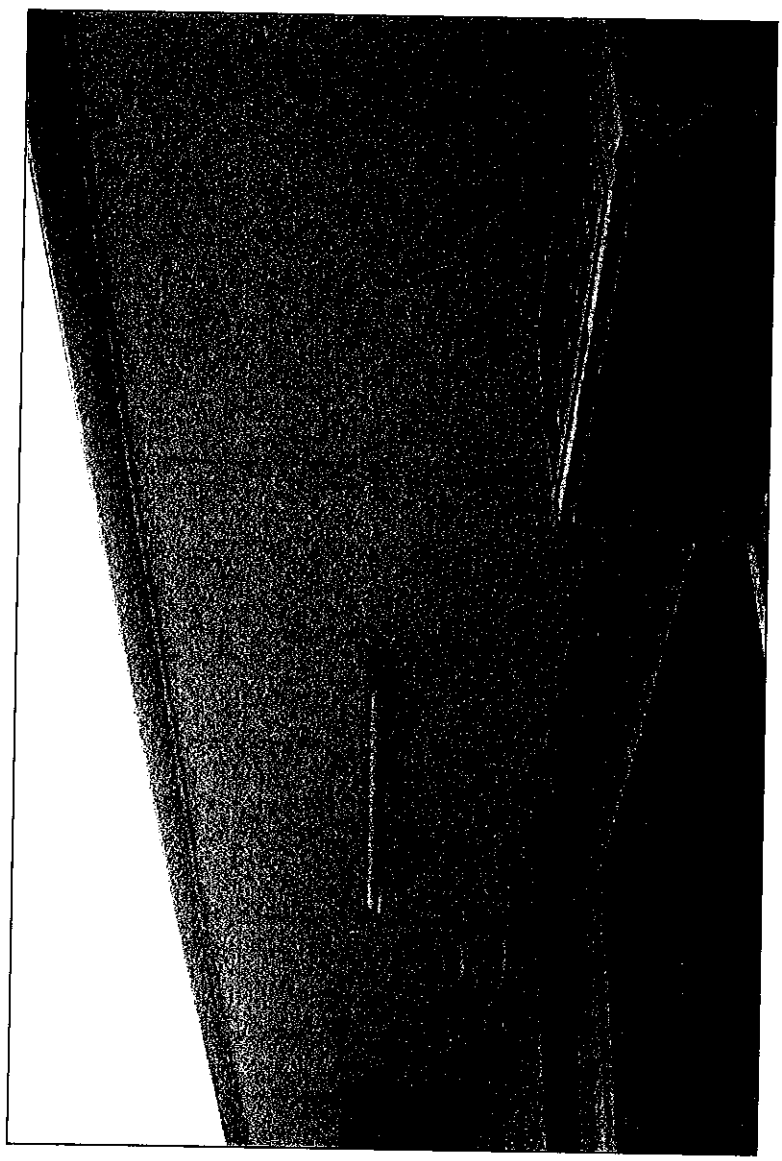
Location	Description	Sample No.	Photograph No.
Eave Lining	Suspected Flat A/C Sheet		143
Gable (1 End)	Suspected Flat A/C Sheet		141
Between Brickwork Wall Lining	Flat A/C Sheet	34	144, 145
Electrical Switchboard -	Suspected Zelminite Backing		146
Upper Wall Lining (Rear)	Profiled A/C Sheet	33	142

SMF materials were sighted as follows:

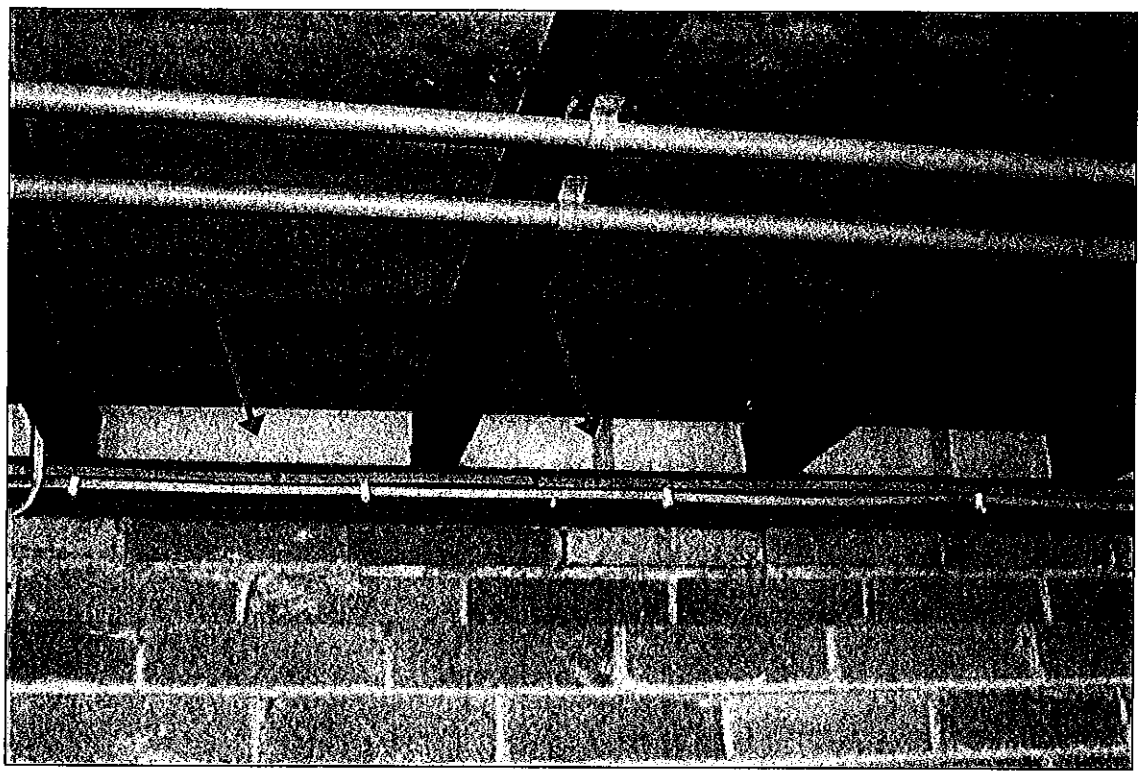
Location	Description	Sample No.	Photograph No.
Wall Insulation - Addition	SMF Between Walls		147



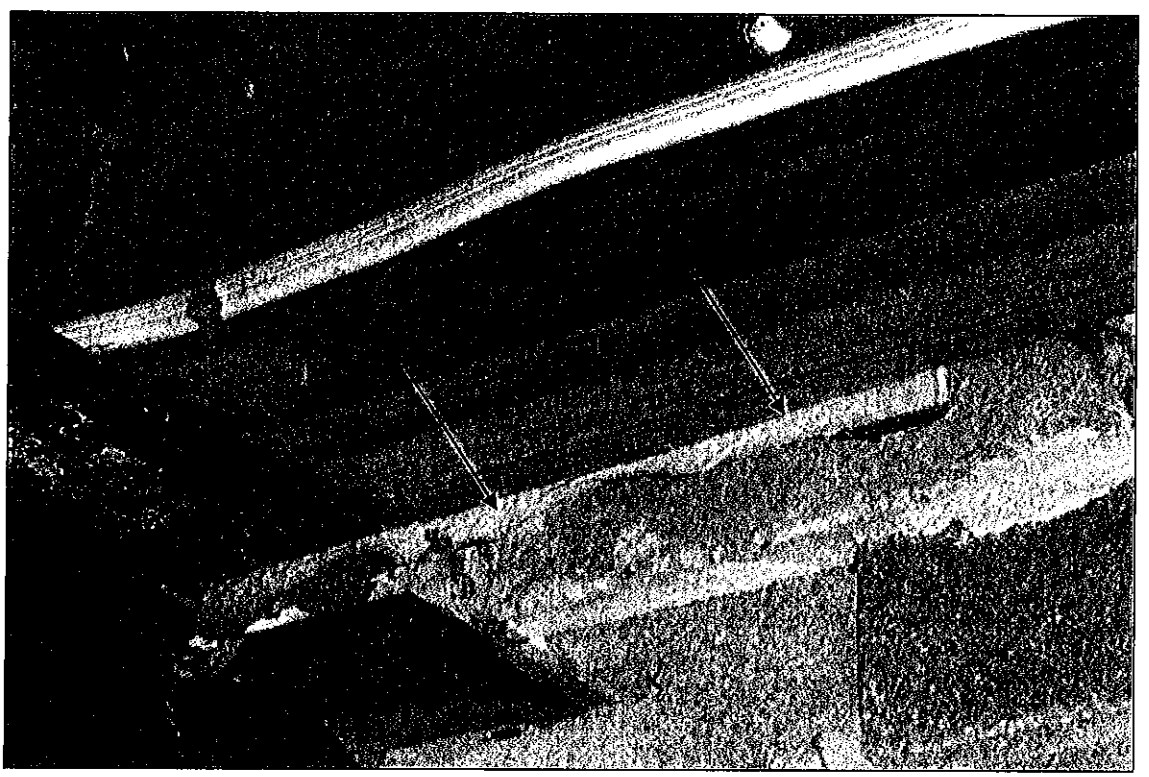
Photograph No. 142: External/Rear Hardiplank Asbestos Cement Wall Lining



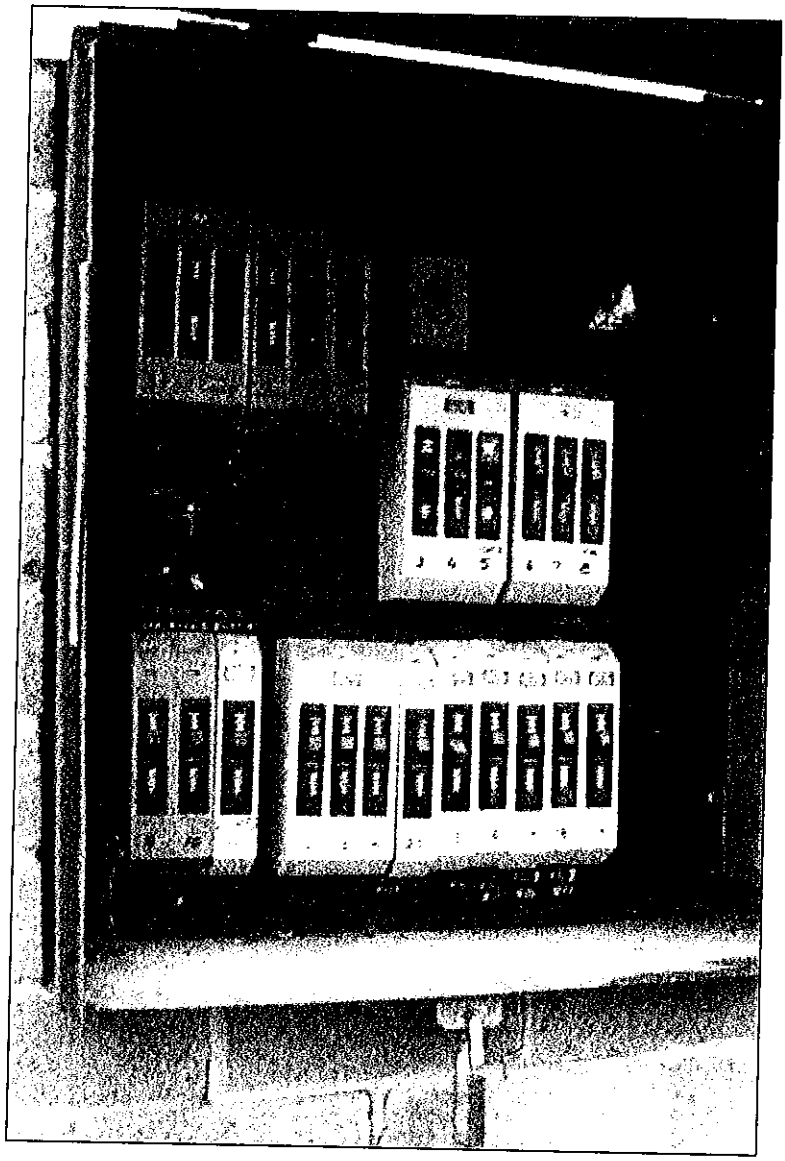
Photograph No. 143: Suspected Asbestos Cement Eave Lining to Building



Photograph No. 144: Asbestos Cement Sheet Between Brickwork



Photograph No. 145: Broken Asbestos Cement Sheet Between Brickwork



Photograph No. 146: Suspected Zelminite Backing to Electrical Switchboard

7.14.2 Building Interior

The interior ceilings are fibrous plaster and plasterboard. The walls are plasterboard and hardboard. The floors are carpeted.

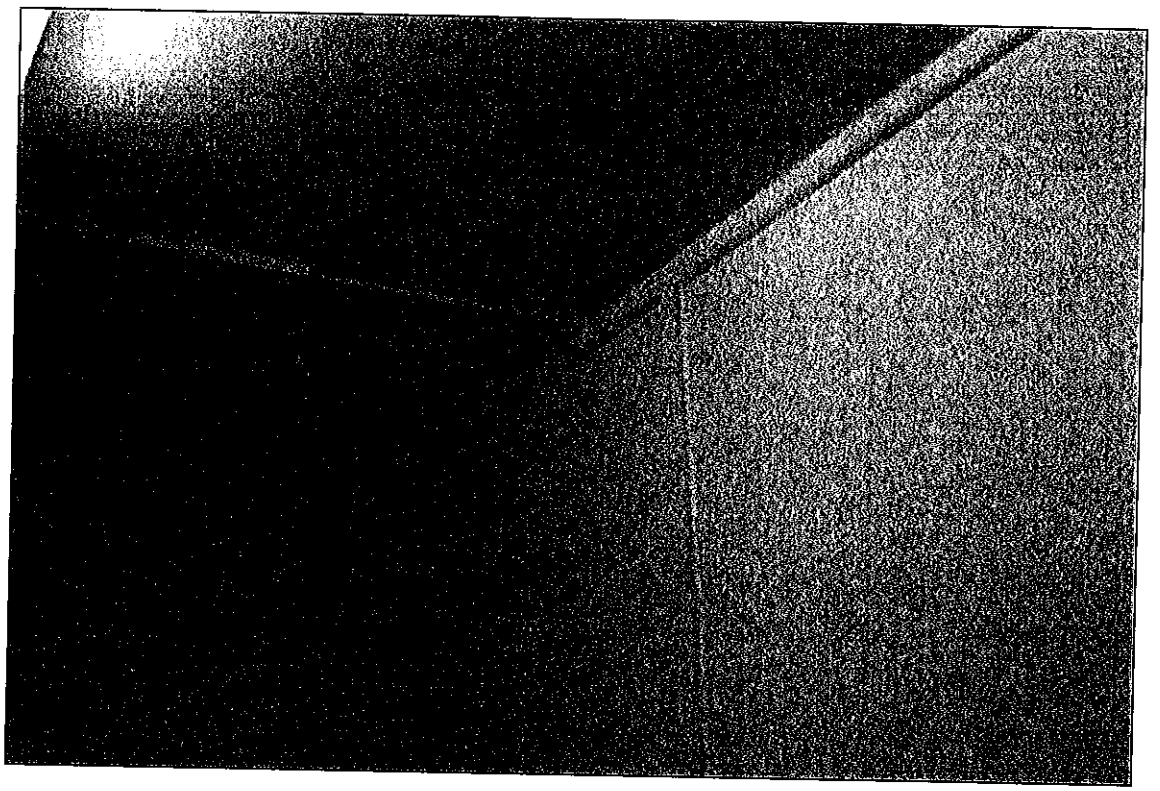
Asbestos materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Between Wall and Ceiling Lining	Suspected Flat A/C Sheet		147

SMF materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Ceiling Space Insulation	SMF Batt Insulation		
Ceiling Space - A/C Flexible Ducts Insulation	SMF in Plastic		148

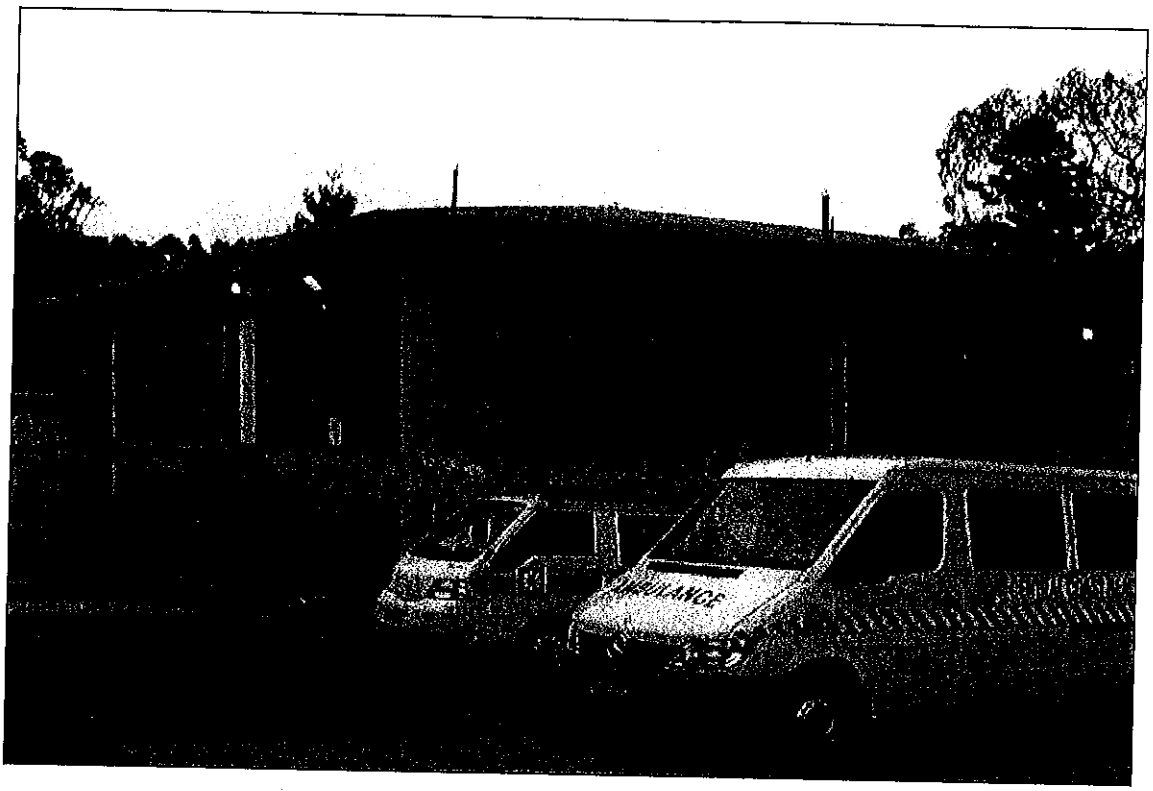
The lower level (enclosed) was not accessible at the time of the inspection, however, is unlikely to contain any asbestos or SMF materials.



Photograph No. 147: Suspected Asbestos Cement Wall Lining to Bathroom

Photograph No. 148: SMF Insulation to Flexible A/C Ducts in Ceiling Space

7.15 Building No. 15 - Harry Mattocks Building



Photograph No. 149: Building No. 15 - Harry Mattocks Building

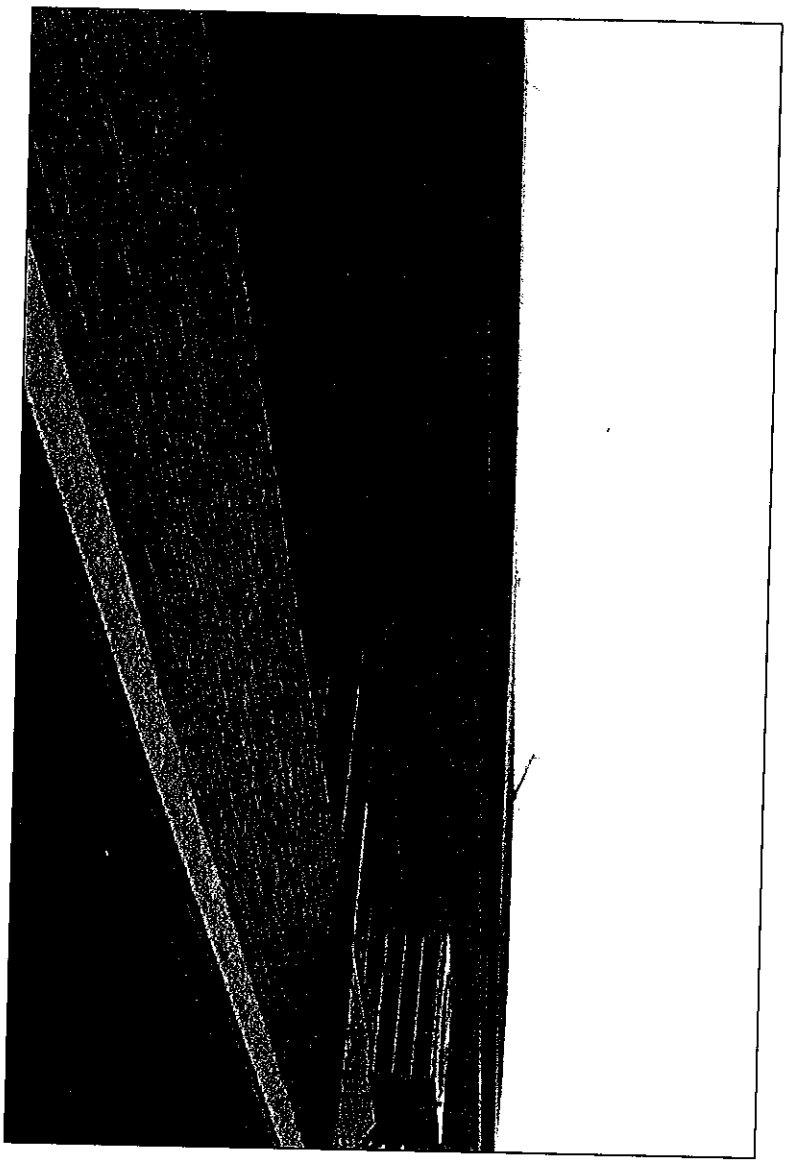
7.15.1 Building Exterior

The building is of reinforced concrete construction with brick walls and aluminium windows. The roof is metal deck and the floors concrete.

Asbestos materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Eave Lining	Suspected Flat A/C Sheet		150

No SMF materials were sighted on the exterior of the building.



Photograph No. 150: Suspected Asbestos Cement Eave Lining to Building

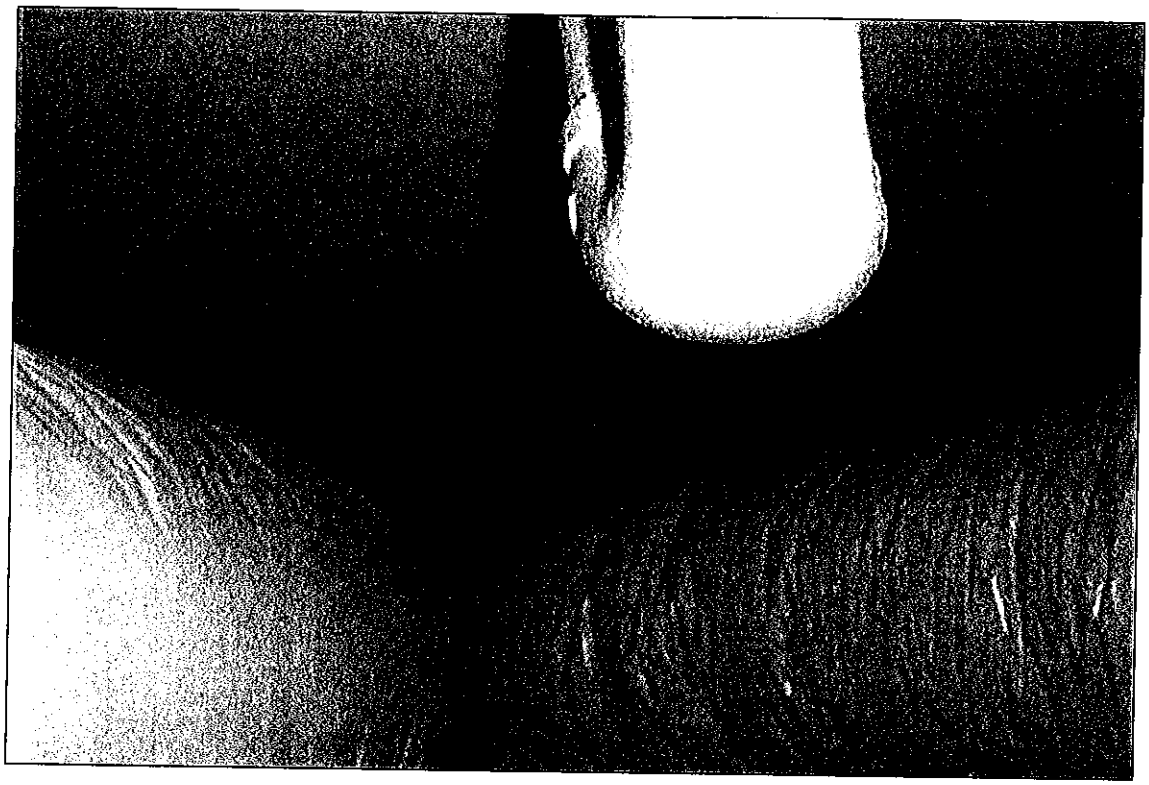
7.15.2 Building Interior

The building has two levels with face brick and painted brick walls. The lower level has some plasterboard walls. The ceiling to the 1st floor is concrete and a false plaster tile ceiling is suspended from the concrete slab on the ground level. The floors are carpeted with sheet vinyl laid on the floor in some areas.

No asbestos materials were sighted on the interior of the building.

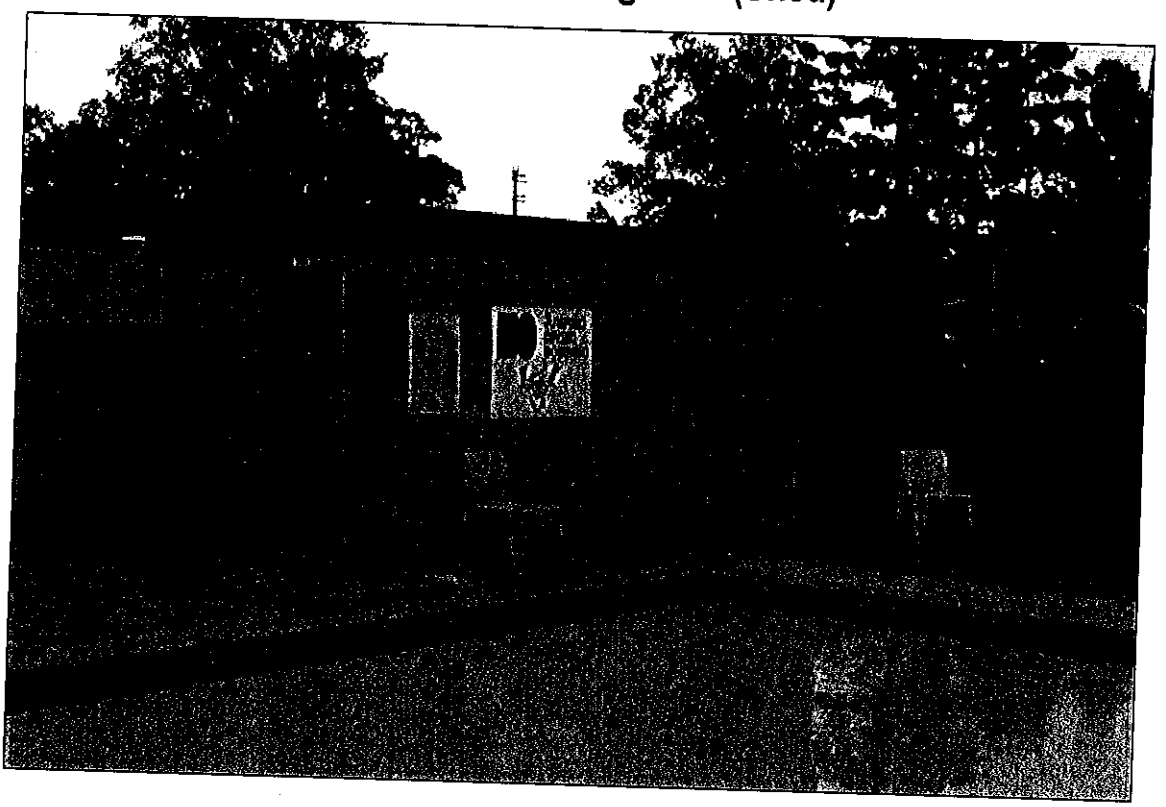
SMF materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Level 1 - Ceiling Space - A/C Flexible Duct Insulation	SMF in Plastic		151



Photograph No. 151: SMF Insulation to Flexible A/C Ducts

7.16 Building No. 16 - Swimming Pool (Shed)



Photograph No. 152: Building No. 16 - Swimming Pool (Shed)

The building is of concrete block construction with a concrete floor and a metal deck roof. There are not internal linings.

No asbestos or SMF materials were sighted on this building.

7.17 Building No. 17 - Computer Services & Operations

Photograph No. 153: Building No. 17 - Computer Services & Operations

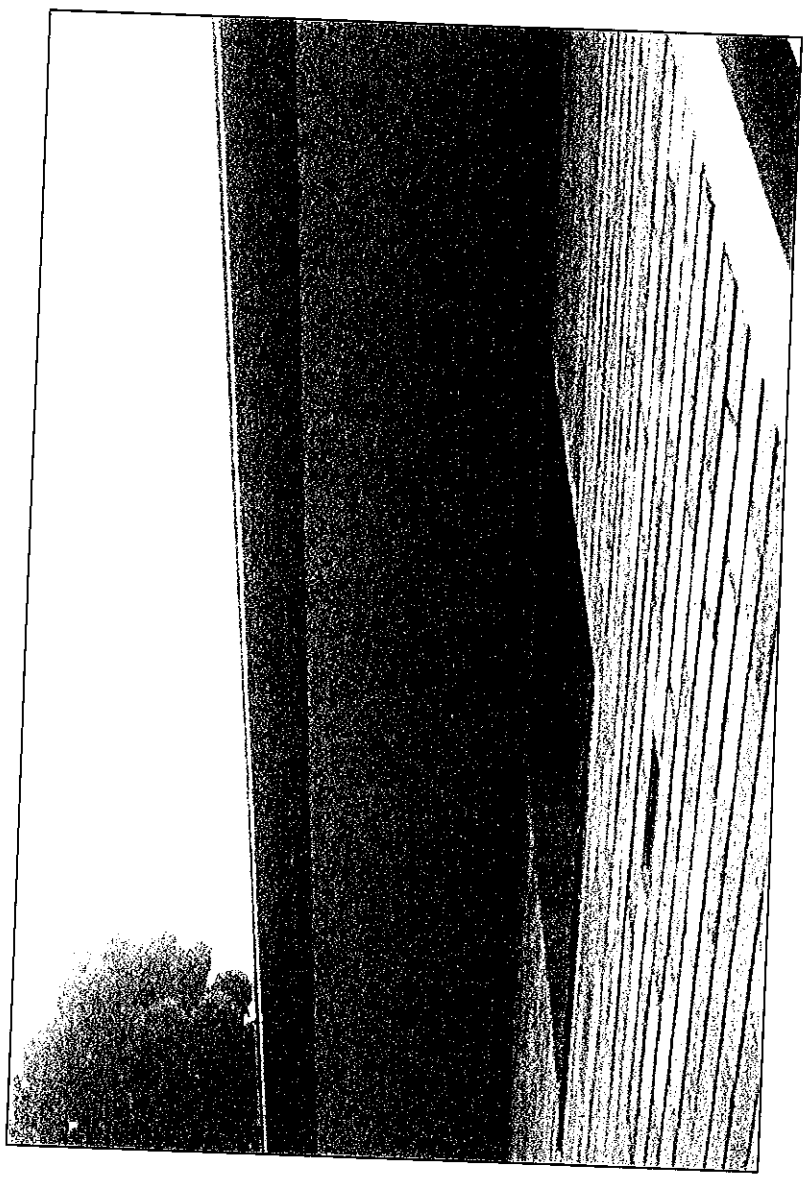
7.17.1 Building Exterior

The building is of brick construction with a cement tile roof and concrete floors. The windows are aluminium. The building is two stories in height with the 1st floor verandah enclosed.

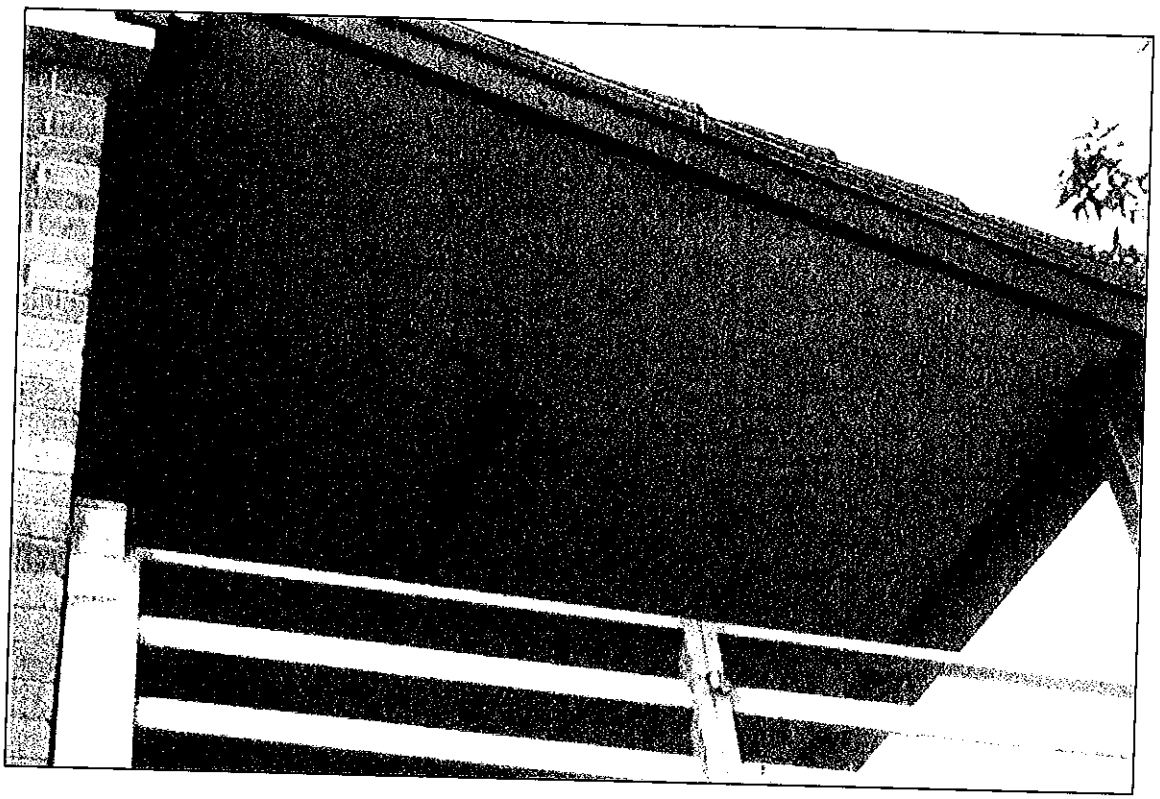
Asbestos materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Eave Lining	Suspected Flat A/C Sheet		154
Verandah Ceiling Lining	Flat A/C Sheet	36	155

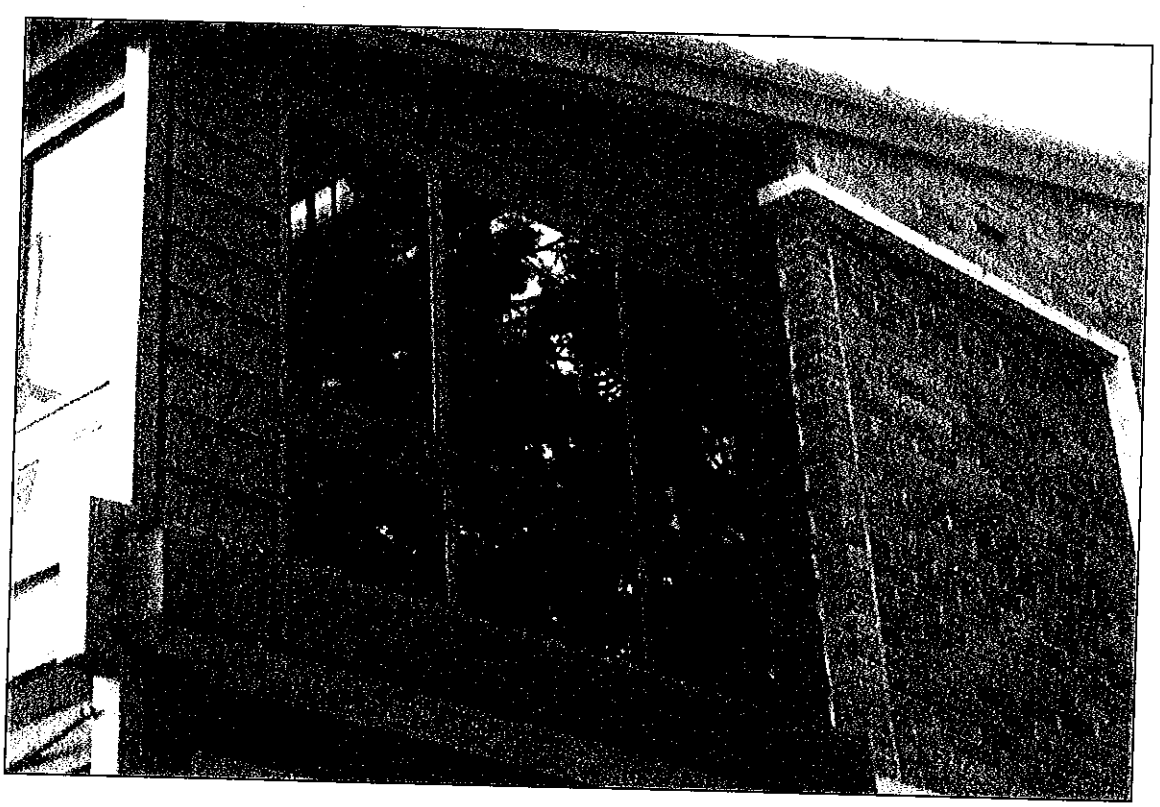
No SMF materials were sighted on the exterior of the building.



Photograph No. 154: Suspected Asbestos Cement Eave Lining to Building



Photograph No. 155: Asbestos Cement Ceiling to 1st Floor Verandah



Photograph No. 156: "Hardiplank" Lining to Enclosed Verandah (Asbestos Free)

7.17.2 Building Interior

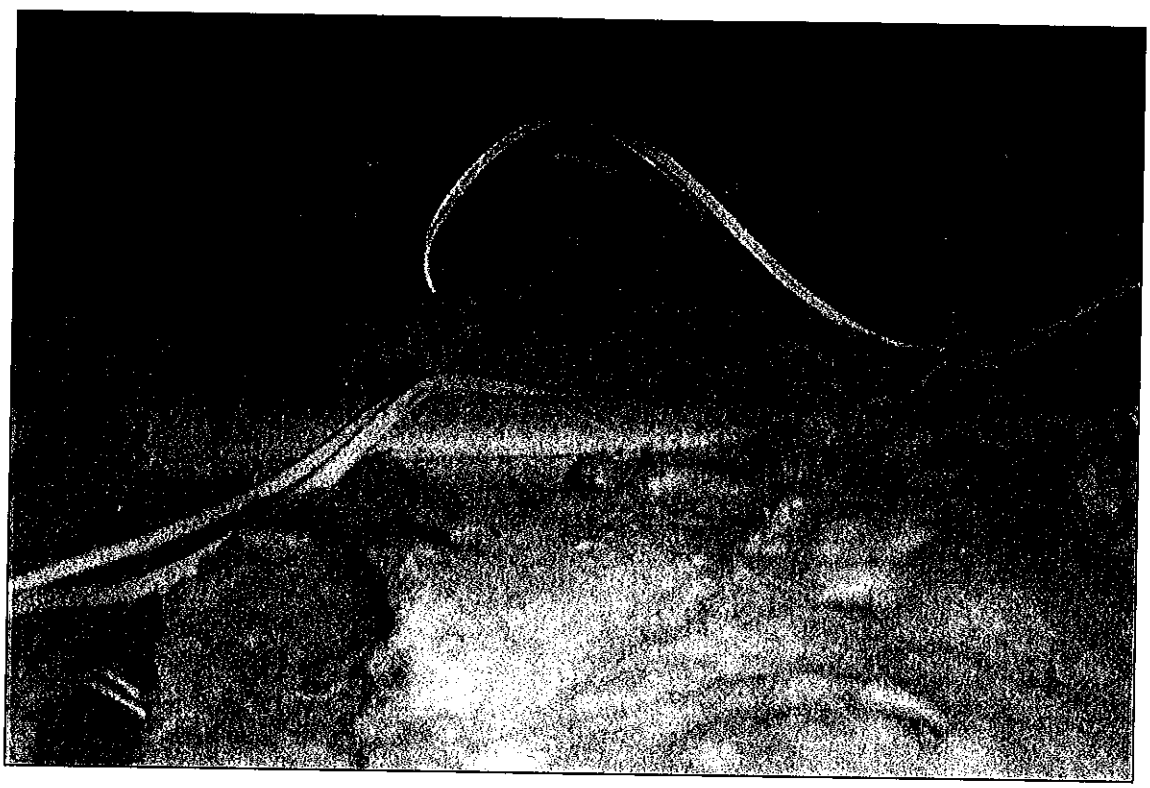
The interior of the building has organic fibre tile and plaster tile ceiling to ground floor and plasterboard to 1st Floor. The walls are rendered masonry and plasterboard. Carpet is laid on the floor.

No asbestos materials were sighted on the interior of the building.

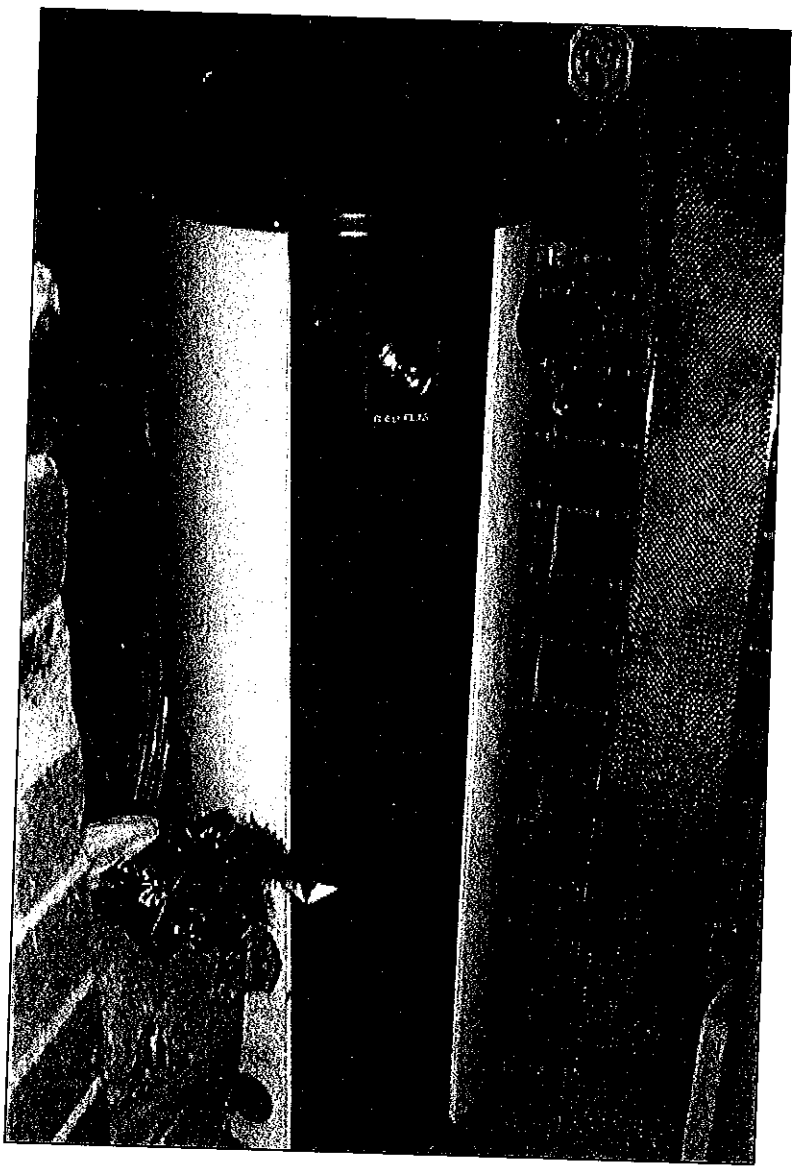
SMF materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Ceiling Space - A/C Ductwork	SMF in Plastic		157
Ceiling Space Insulation	SMF Batts		158
Below Stairs - Hot Water Service - Insulation	SMF in Metal		159
Ground Floor Offices – Ceiling Tiles	SMF		

Photograph No. 157: Flexible A/C Ducts in Ceiling Insulated with SMF in Plastic



Photograph No. 158: SMF Pink Batt Insulation in Ceiling



Photograph No. 159: SMF Insulated Hot Water Unit Under Stairs

7.18 Building No. 18 - Rotary Lodge

Photograph No. 160: Building No. 18 - Rotary Lodge

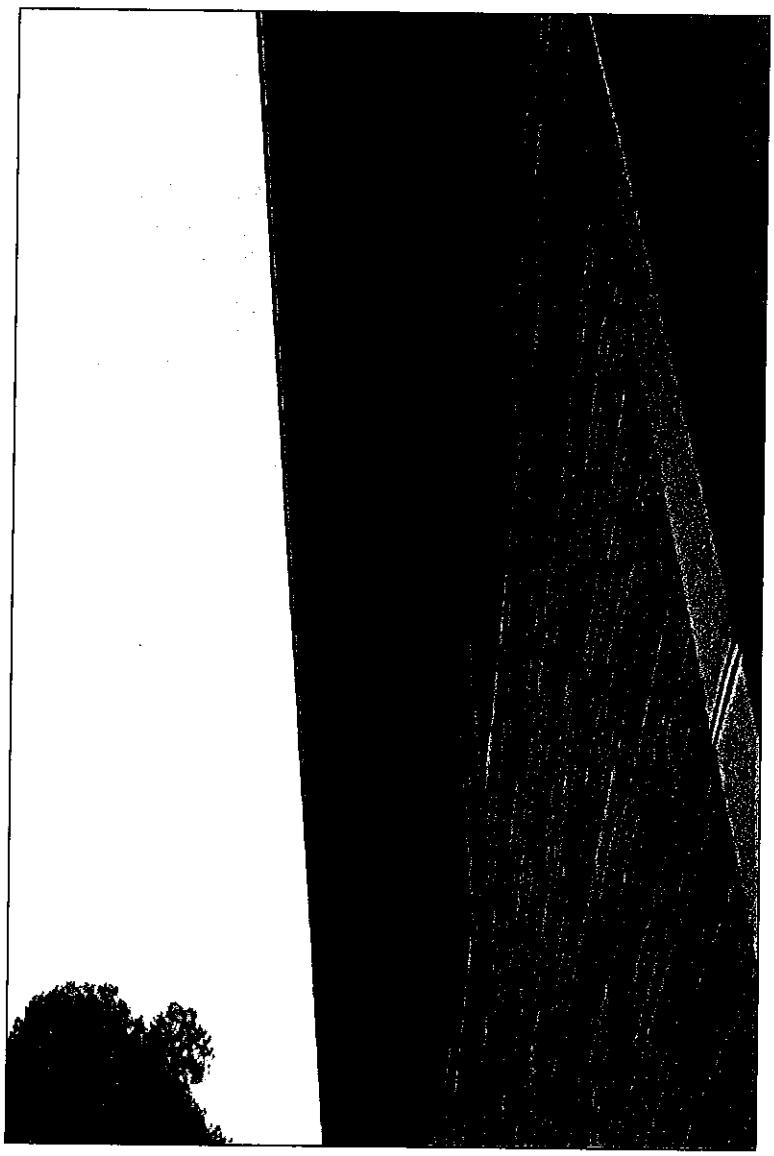
7.18.1 Building Exterior

The building is two storeys in height and is of brick construction with concrete floors and a cement tile roof.

Asbestos materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Eave Lining	Suspected Flat A/C Sheet		161
Verandah ceiling Lining	Flat A/C Sheet	38	162

No SMF materials were sighted on the exterior of the building.



Photograph No. 161: Suspected Asbestos Cement Eave Lining to Building

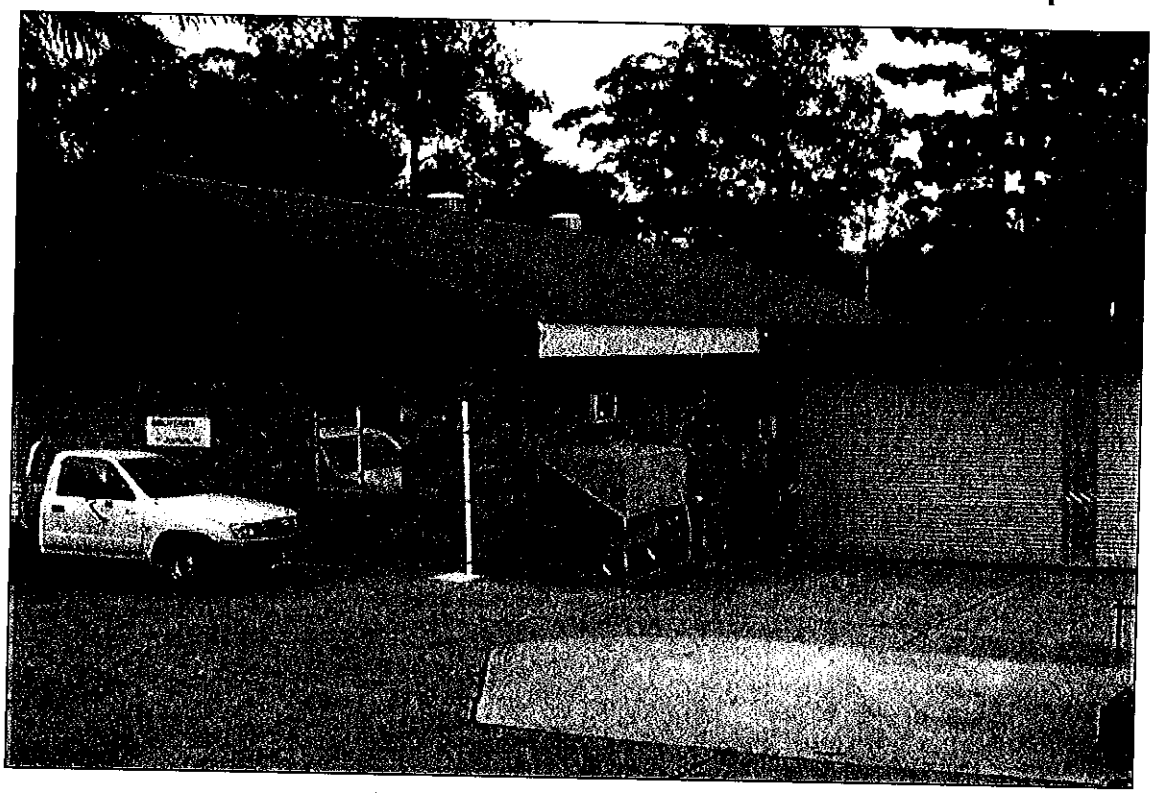
Photograph No. 162: Asbestos Cement Ceiling to 1st Floor Verandah

7.18.2 Building Interior

The interior of the building has face brick and rendered masonry walls and the ceilings are plasterboard. The floors are carpeted with ceramic tiles laid on the floor of the bathroom.

No asbestos or SMF materials were sighted on the interior of the building.

7.19 Building No. 19 - Gardeners and Mechanics Workshops



Photograph No. 163: Building No. 19 - Gardeners and Mechanics Workshop

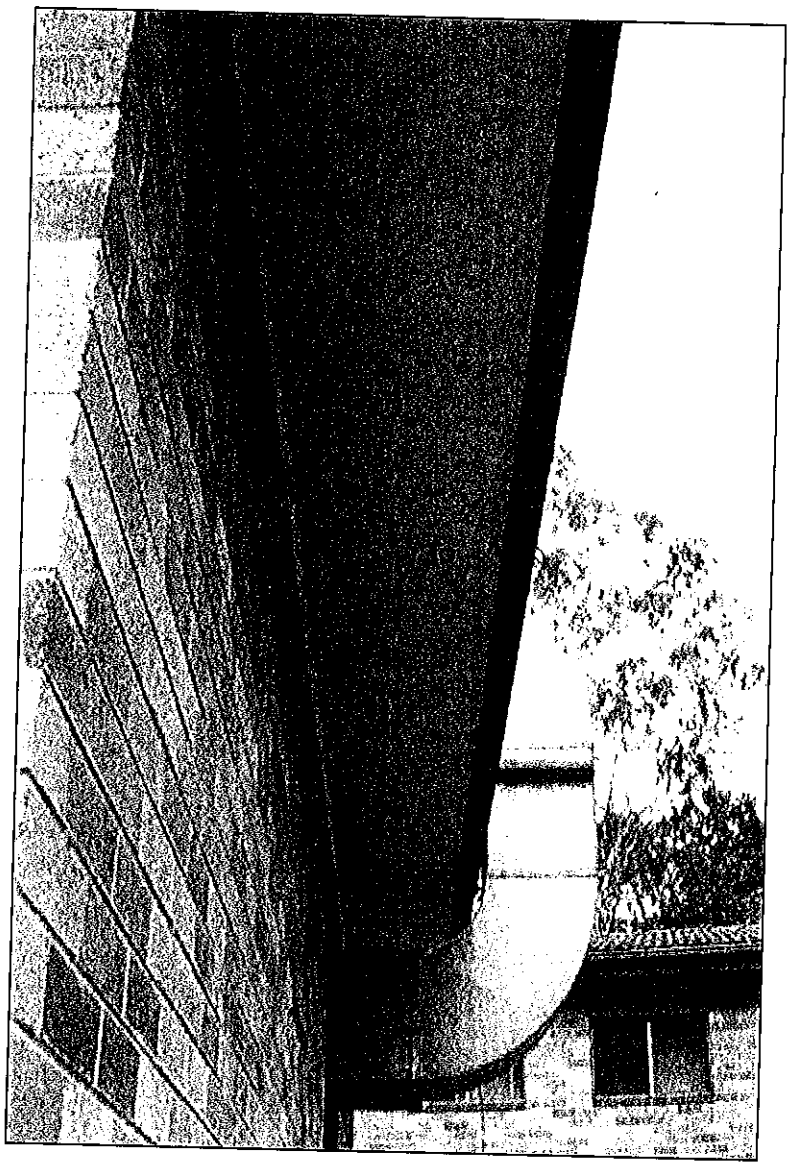
7.19.1 Building Exterior

The building is of steel frame and brick construction with a metal deck roof and fascias/gables. The floors are concrete.

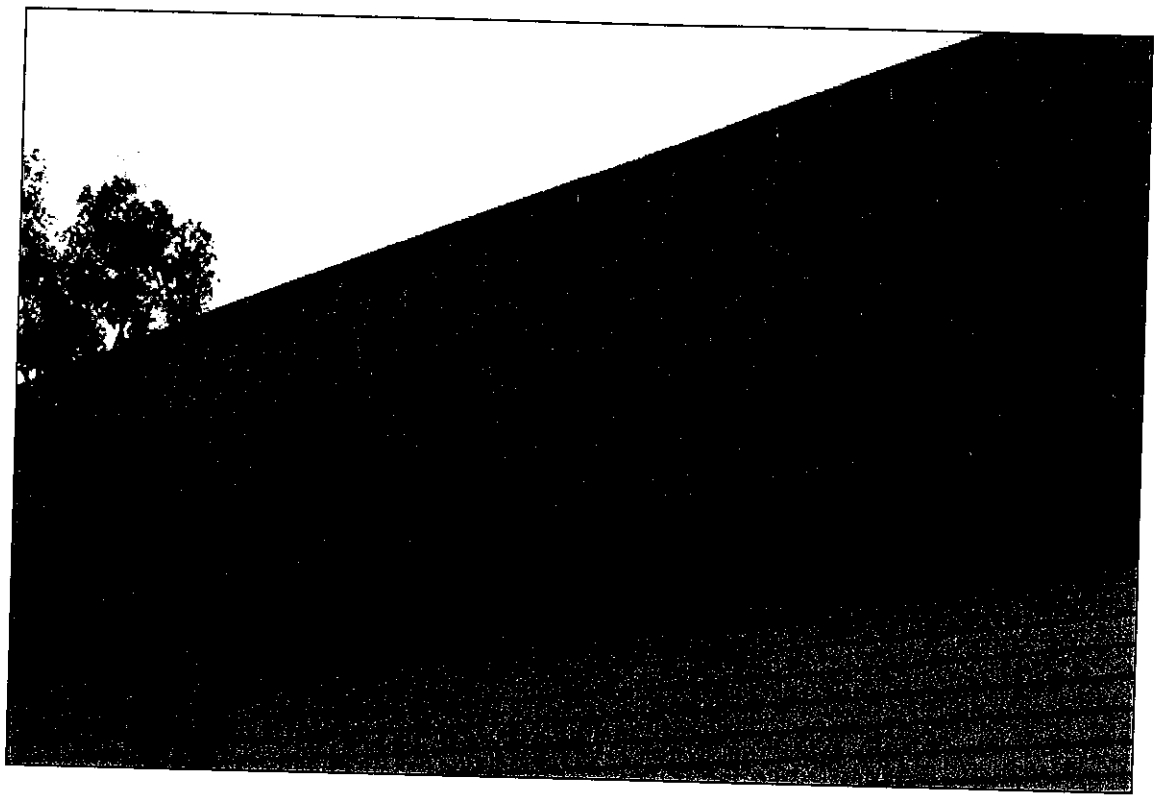
Asbestos materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Eave Lining (Part)	Suspected Flat A/C Sheet		164, 165
Door Entry Bulkheads (Internal and External)	Suspected Flat A/C Sheet		166

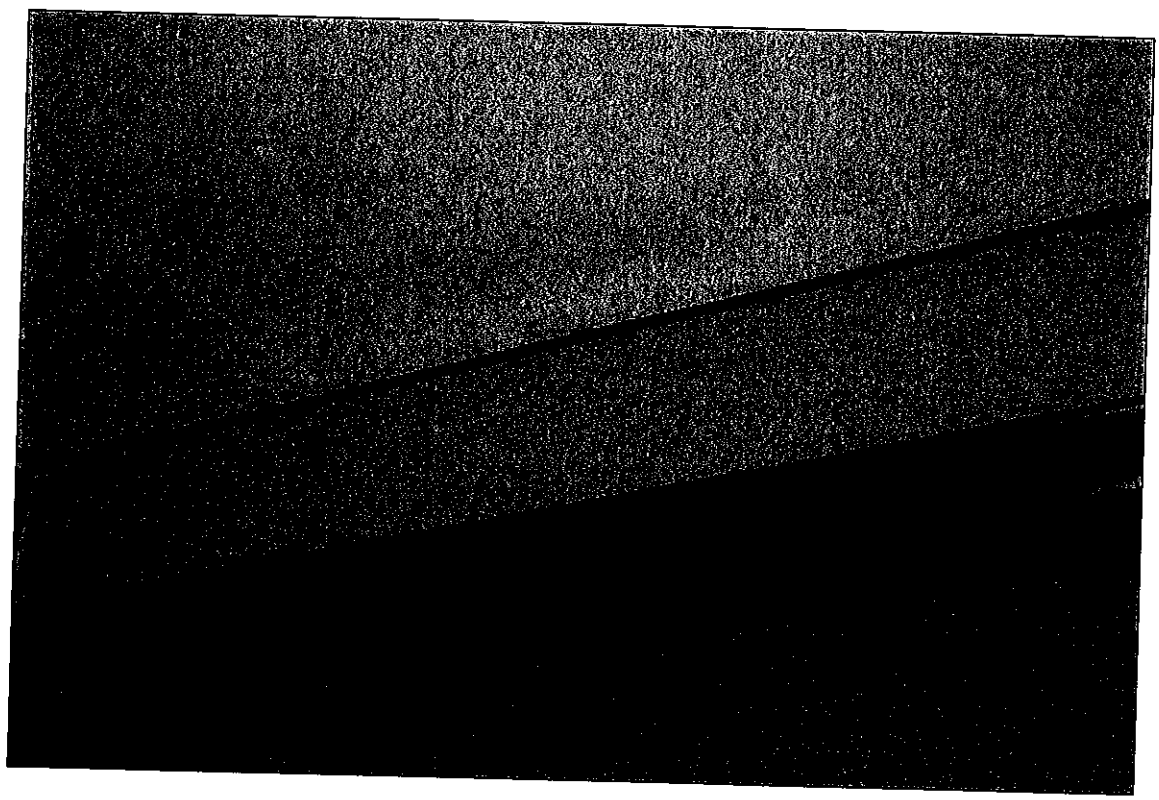
No SMF materials were sighted on the exterior of the building.



Photograph No. 164: Suspected Asbestos Cement Eave Lining to Building (Side)



Photograph No. 165: Suspected Asbestos Cement Eave Lining to Building (Front)



Photograph No. 166: Suspected Asbestos Cement Bulkhead to Entry

7.19.2 Building Interior

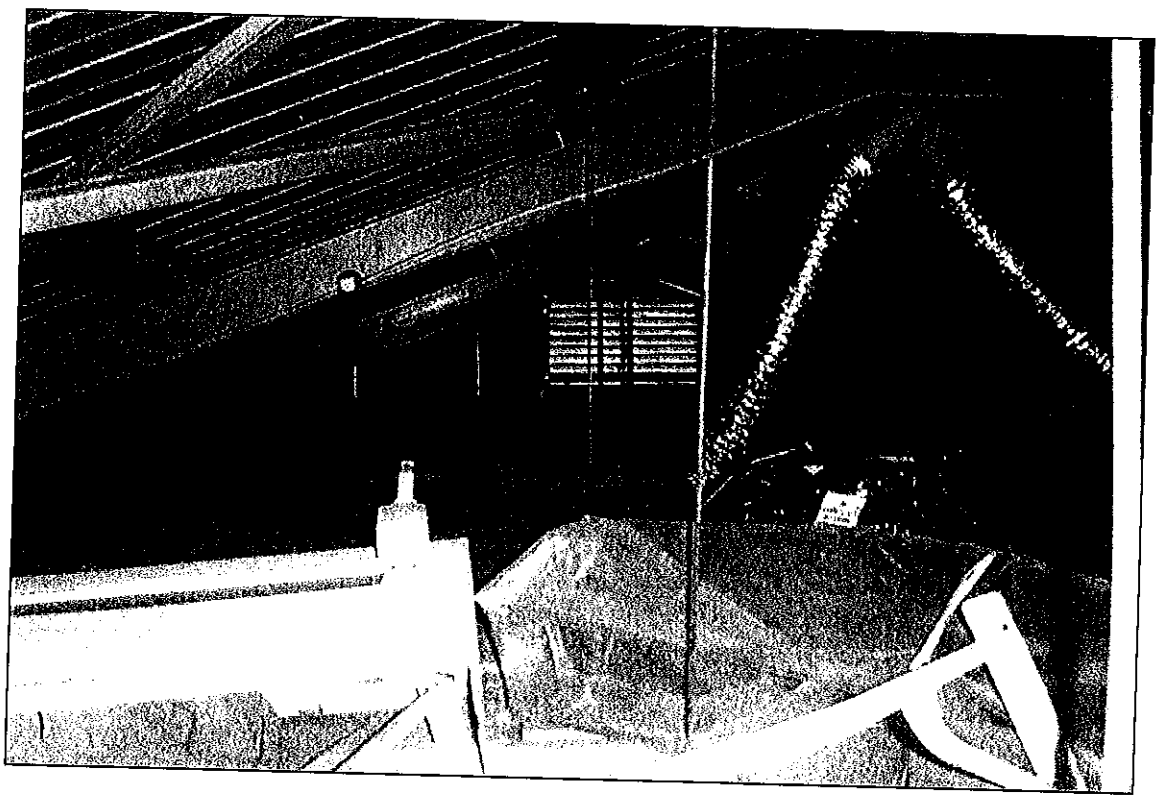
The interior of the building has plasterboard walls and ceiling to Offices and Amenities. There are not internal wall linings to Workshops. The ceiling to the Mechanics Workshop is hard flat asbestos and fibrous cement sheet.

Asbestos materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Workshop - Ceiling Lining	Flat A/C Sheet	39	

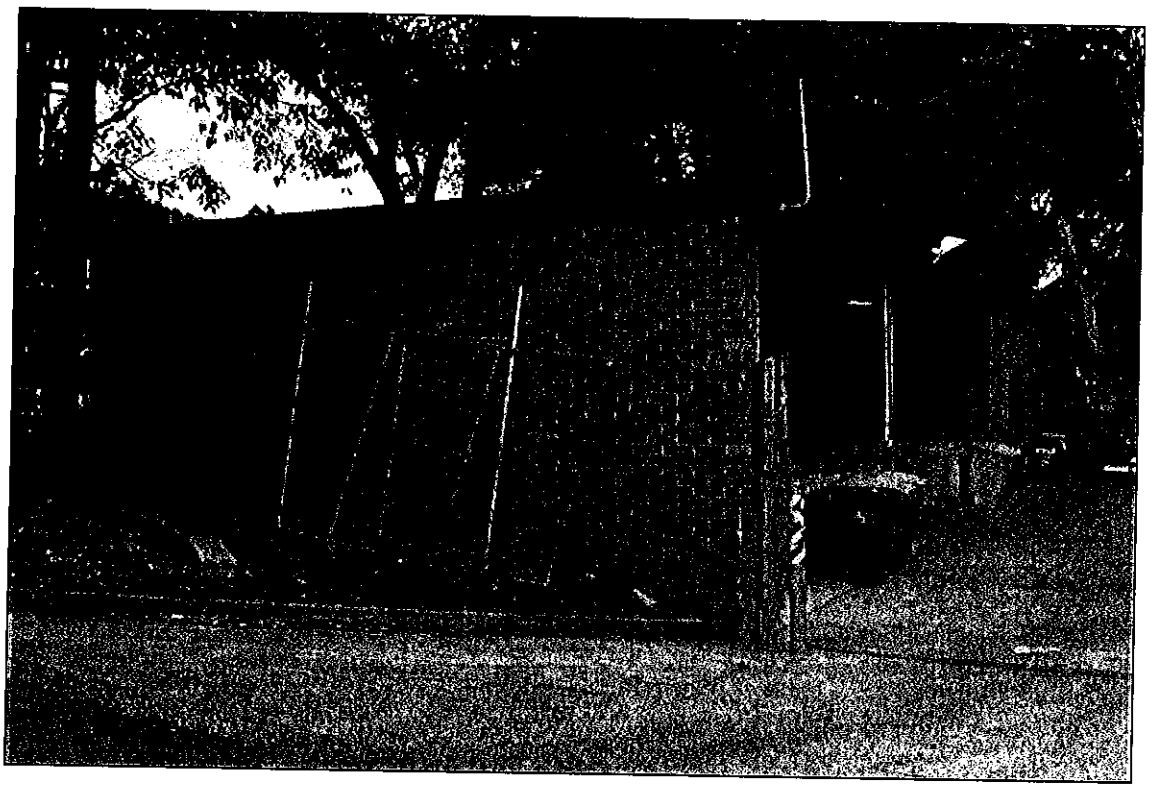
SMF materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Ceiling Space Insulation (Part)	SMF Batt Insulation		



Photograph No. 167: SMF Batt Insulation in Part to Ceiling Above Workshop

7.20 Building No. 20 - Domestic Services



Photograph No. 168: Building No. 20 - Domestic Services

7.20.1 Building Exterior & Interior

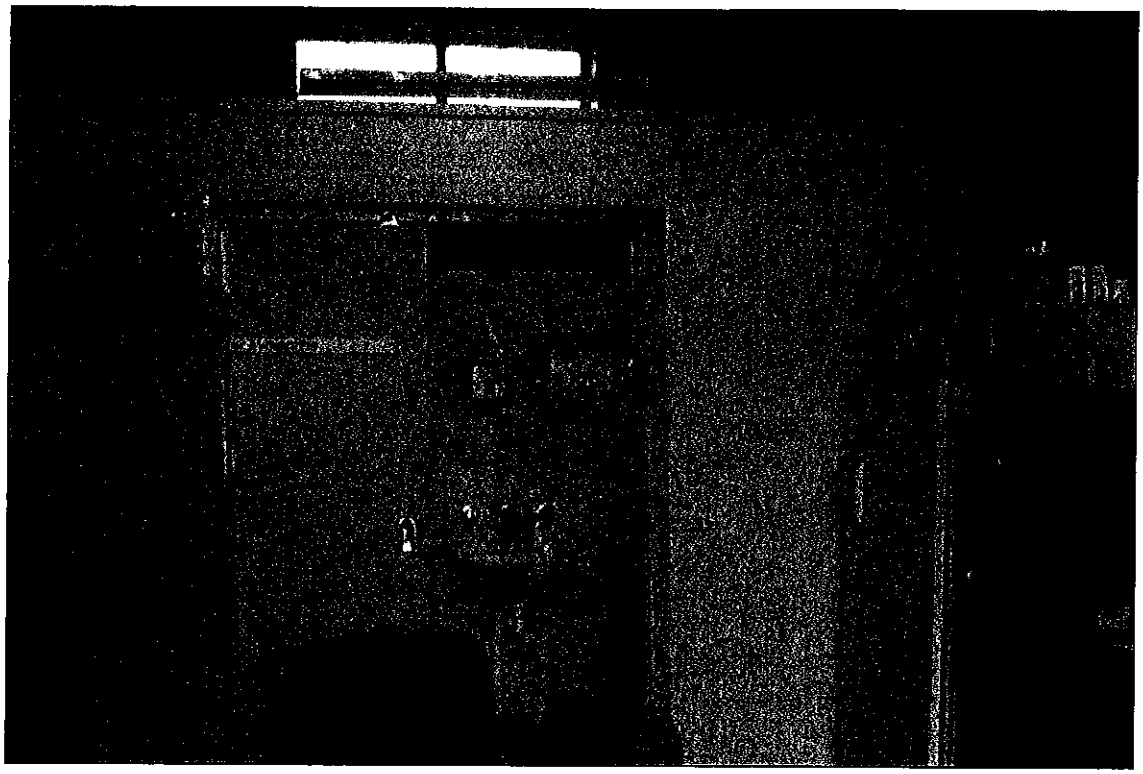
The building is of brick and steel frame construction with a concrete floor and a metal deck roof. The windows are aluminium.

The internal toilet/shower walls are lined with hard flat asbestos cement sheet (see **Photograph No. 169**).

Asbestos materials were sighted as follows:

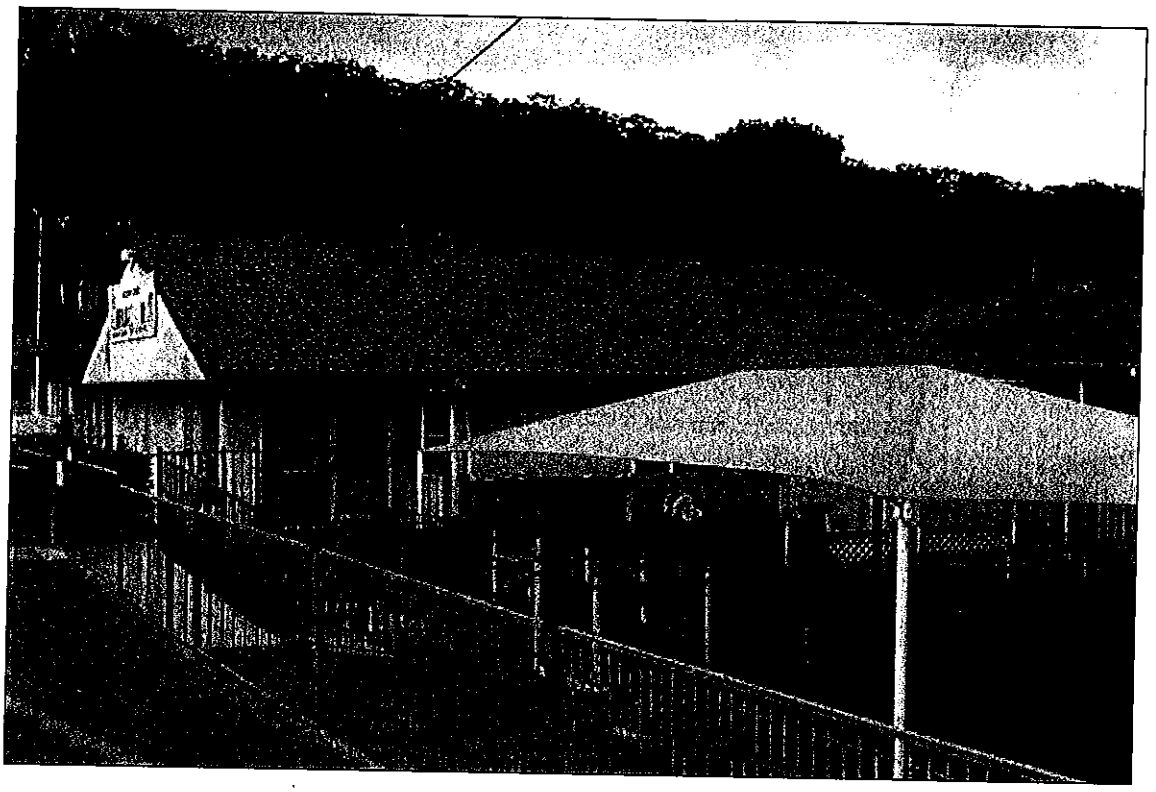
Location	Description	Sample No.	Photograph No.
Wall Lining - Shower / Toilet	Suspected Flat A/C Sheet	40	169

No SMF materials were sighted on this building.



Photograph No. 169: Suspected Asbestos Cement Wall Lining to Toilet / Shower

7.21 Building No. 21 - Day Care Centre



Photograph No. 170: Building No. 21 - Day Care Centre

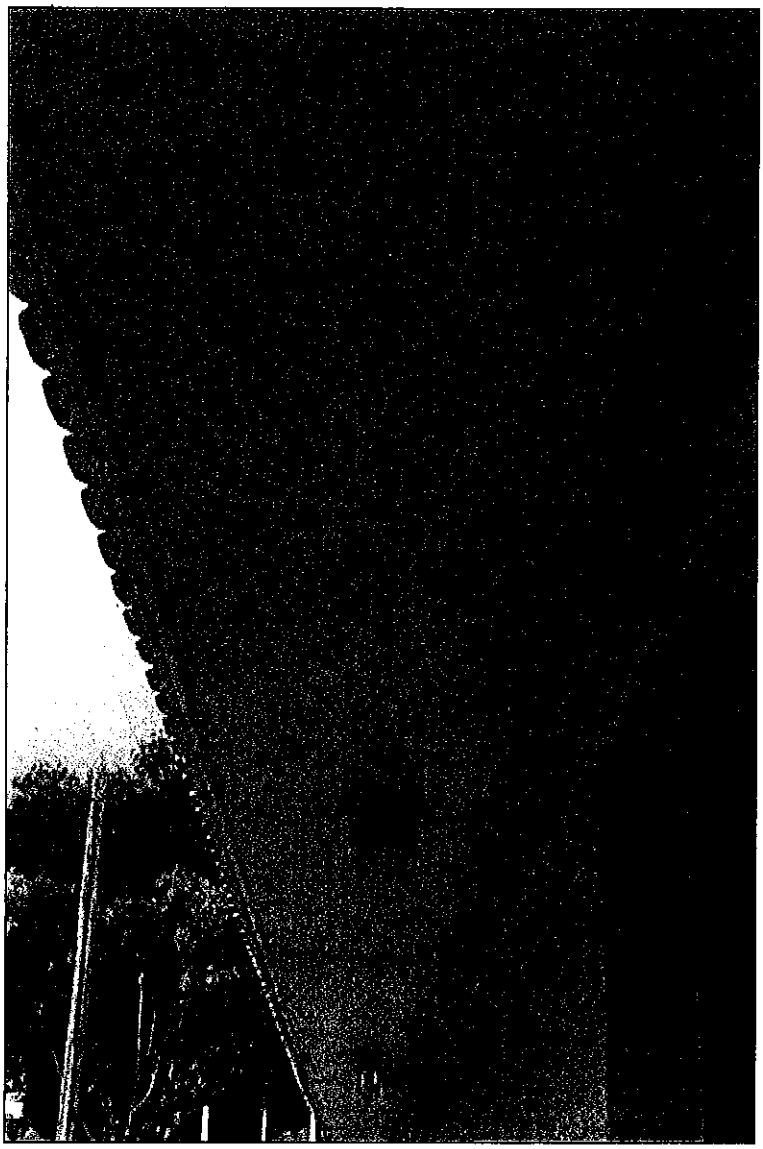
7.21.1 Building Exterior

The building is of brick veneer construction with a cement tile roof. The windows are aluminium. The detachable garage has been joined and renovated to form part of the main building.

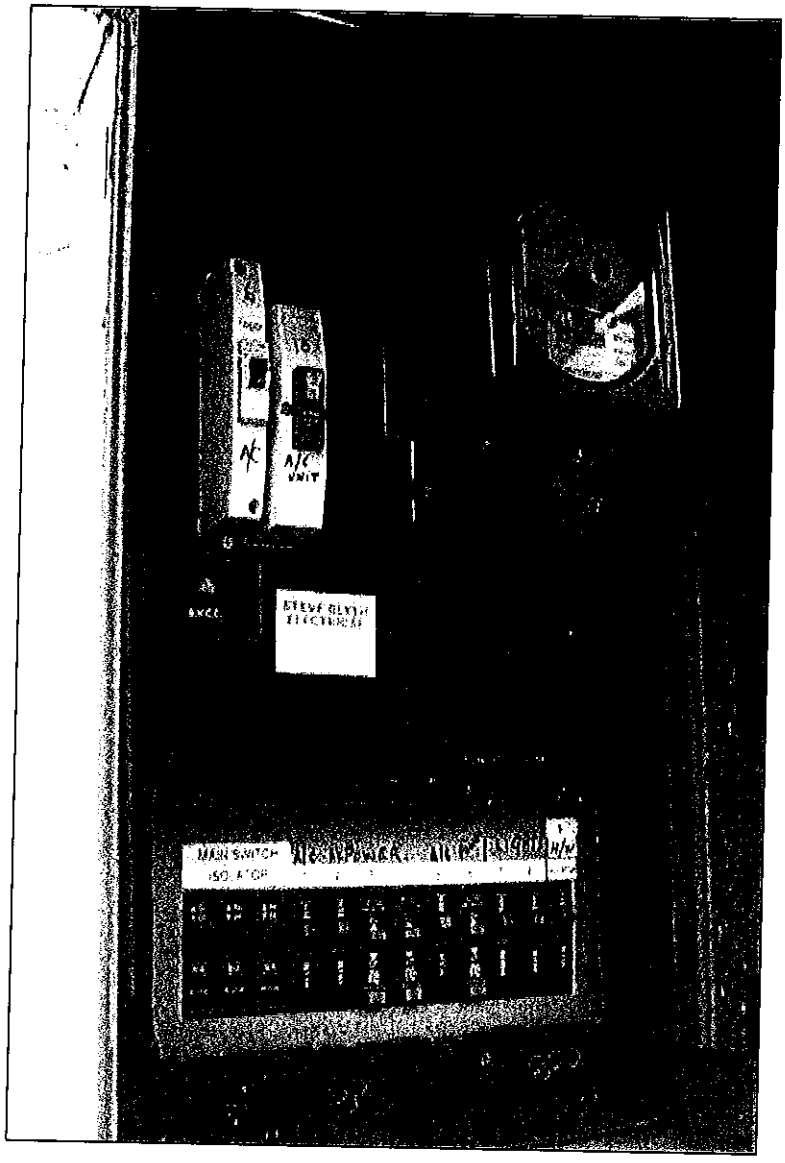
Asbestos materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Eave Lining	Flat A/C Sheet	41	171
Electrical Switchboard	Suspected Zelminite Backing		172

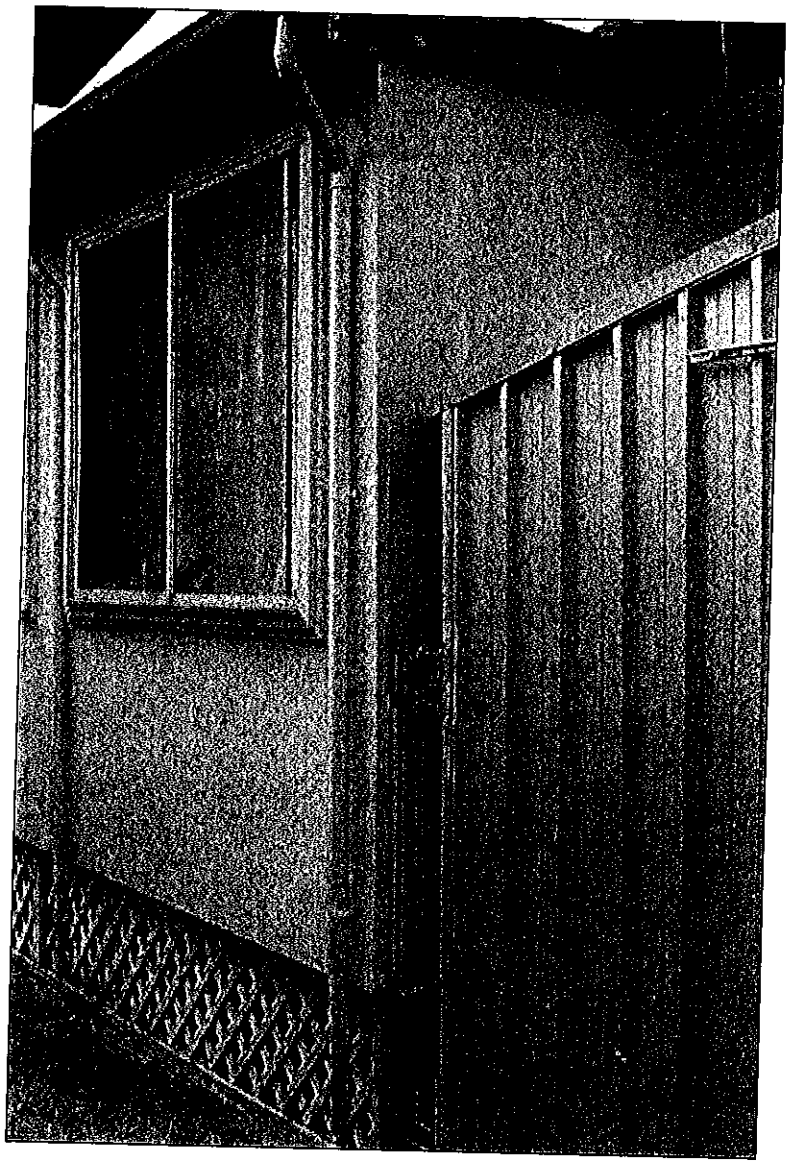
No SMF materials were sighted on the exterior of the building.



Photograph No. 171: Asbestos Cement Eave Lining to Building



Photograph No. 172: Suspected Zelminite Backing Board to Electrical Switchboard



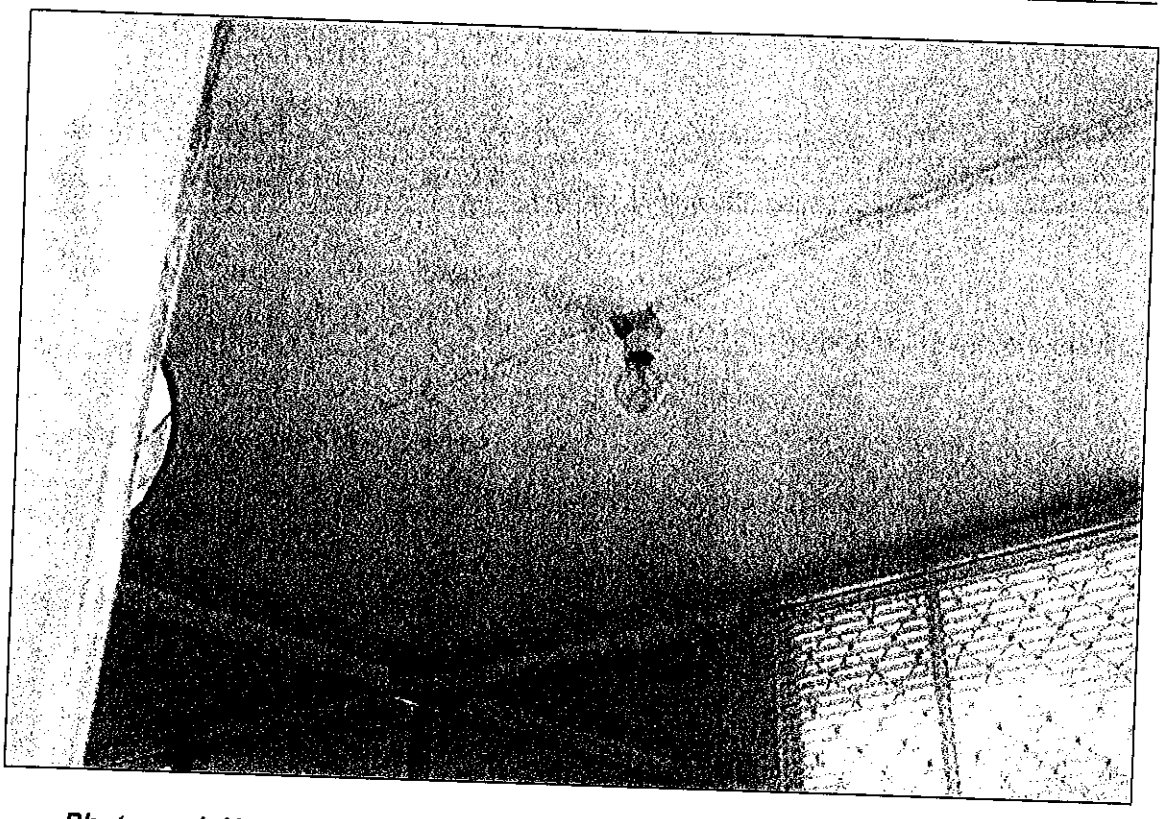
Photograph No. 173: Fibrous Cement Wall Lining to Verandah (Asbestos Free)

7.21.2 Building Interior

The interior walls are painted brickwork and plasterboard with fibrous cement sheet to wet areas. The ceilings are plasterboard. The floors are covered with sheet vinyl and carpet. The toilets have ceramic tiles laid on the floor and fixed to the walls.

Asbestos materials were sighted as follows:

Location	Description	Sample No.	Photograph No.
Old Laundry Ceiling	Suspected Flat A/C Sheet		174



Photograph No. 174: Suspected Asbestos Cement Ceiling lining to Old Laundry

8 RECOMMENDATIONS

Building No. 1

The Garage, now Store, ceiling and wall should be sealed with paint.

Building No. 4 - Level 1 - Plant Room

The double entry doors to the Boiler Room are damaged. The exposed asbestos core material should be sealed.

Building No. 4 - Level 1 - Kitchen (not in use)

The damaged ceiling tiles should be removed and ceiling cleaned in the area where asbestos ceiling tiles remain.

Building No. 5 - Level 4 - Ward 22 (now vacant)

The ceiling space above this ward remains contaminated despite removal. The ceiling should be cleaned under controlled conditions. A similar situation may exist above the Neurology Section, however, the ceiling space was not accessible at the time of the inspection.

Building No. 5 - Level 4 - Neurology Section

The vinyl wall tiles in the Pan Room (now Store) and toilets contain asbestos and are damaged. Removal should be undertaken under controlled conditions.

Building No. 5 - Level 4 - Old Theatres

Asbestos insulated pipes remain in cavities where pipes penetrate walls in ceiling space and some contamination. Access should be restricted and area cleaned under controlled conditions

Building No. 5 - Plant Room No. 8

Insulation remains in steam pipe (elevated and exposed in Plant Room). The pipe should be sealed or preferably removed under controlled conditions. In the meantime, access to this room should be made only under controlled conditions.

Building No. 7

The two risers with asbestos insulated pipes in the Cleaners Room and old Laundry on all levels are contaminated. The access should be sealed and programmed for removal under controlled conditions.

Access should be restricted to the sub-floor and where asbestos insulated pipes and contamination is present. The exposed asbestos insulation pipe in Plant Room No. 1 should be sealed and the partition / floor cleaned under controlled conditions.

Building No. 8

The roof space at the building is contaminated with fragments of asbestos roofing and asbestos dust. Access to the roof space should be restricted an only made under controlled conditions. Consideration should be given to the replacement of the roof in a forward programme.

Building No. 10

The ceilings entry bulkhead on the Racecourse Road elevation should be repaired under controlled conditions and alternate lining e.g. metal be considered.

Building No. 14

A clean up of damaged asbestos cement sheet should be undertaken at the lower level and the cavity sealed.

Generally

There are electrical distribution boards throughout the building, some of which contain Zelminite backing boards, these should be identified and labelled with warning stickers. Work on these boards should only be undertaken under controlled conditions.

A procedure should be documented and included in an Asbestos Management Plan for work on the asbestos ceiling and wall linings and for work on the other asbestos materials including Zelminite backing boards to ensure that contractors, staff and visitors are not exposed to asbestos fibre resulting from work involving these materials in identified areas.

A programme for removal of asbestos materials from the buildings should be formulated.

Whilst the asbestos roof and roofing components in Building No. 8 are in good condition a risk remains to those working on these parts of the buildings for maintenance, making repairs or undertaking demolition. The external surfaces have been affected by weathering and deterioration has occurred resulting in loose asbestos fibre being washed from the surfaces of the roof sheeting into the gutterings and downpipes. Lichen, caused by moisture covers much of the roof sheeting and presents a slip hazard. In addition, the weathering could cause the sheeting to become brittle and dangerous to walk on, therefore roof sheets should not be walked on.

The existing asbestos cement roofs, walls and ceilings do not require immediate replacement, but should be programmed for removal and replacement. Monitor the condition of the sheeting in the interim.

The asbestos cement sheet materials including ceilings and walls should be regularly maintained and painted and should not be sawn, drilled or abraded. Any work involving the disturbance or penetration of these materials must be undertaken under controlled conditions.

Broken or damaged sections of asbestos cement products should be removed and replaced with a suitable non-asbestos alternative. Regular monitoring of the condition of asbestos cement materials identified in this report should take place and replacement with suitable non-asbestos alternatives should be expedited if damaged or structural alteration is required.

Any demolition or refurbishment works involving the buildings should allow for the removal and disposal of the asbestos materials identified in this Survey. The asbestos materials should be removed prior to any other demolition or refurbishment works on each existing building and visual and air clearances provided by a competent person/s to validate that the asbestos materials have been removed.

Materials which were concealed during this Survey, but become exposed during demolition works and are suspected of containing asbestos or other hazardous materials should have their composition determined prior to works in those areas continuing.

Removal of asbestos based materials is to be undertaken in accordance with the regulations and requirements of the NSW Government and the Worksafe Australia Asbestos Code of Practice and Guidance Notes, these being:

- Guide to the Control of Asbestos Hazards in Building & Structures [NOHSC: 3002 (1988)];
- Code of Practice for the Safe Removal of Asbestos – 2nd Edition [NOHSC: 2002 (2005)]; and
- Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Dust – 2nd Edition [NOHSC: 3003 (2005)].

The Time Weighted Average (TWA) airborne concentrations for asbestos shall not exceed the legislated exposure standard of 0.5 fibres per millilitre for chrysotile and 0.1 fibres per millilitre for amosite and crocidolite. Any mixture of these, or where the composition is unknown - 0.1 fibres per millilitre.

Air monitoring should be carried out during the removal of asbestos and a visual clearance provided by a competent person to validate that the asbestos material has indeed been removed.

Asbestos waste is to be disposed at an approved waste collection facility and dumping dockets provided to record that the asbestos is disposed of in the appropriate manner.

Removal of SMF materials should be carried out in accordance with the current requirements of legislation and the Worksafe Australia documentation, these being:

- National Standard for Synthetic Mineral Fibres;
- National Code of Practice for the Safe Use of Synthetic Mineral Fibres;
- Guidance Note on the Membrane Filter method for the Estimation of Airborne Synthetic Mineral Fibres.

Worksafe Australia exposure level for airborne synthetic mineral fibre is 0.5 fibre per millilitre of air (fibres/mL) as an 8 hour time weighted average (TWA).

SMF waste is to be disposed at an approved waste collection facility.

9 SAMPLE IDENTIFICATION RESULTS

Fifty-four (54) samples were collected for analysis during the inspection. The results of the samples are shown in the report contained in **Appendix 2**.

Appendix 1: Site Plan - Building Locations

Appendix 2: Asbestos & SMF Register

HLA

ASBESTOS AND SYNTHETIC MINERAL FIBRE REGISTER OF GOSFORD HOSPITAL
HOLDEN STREET, GOSFORD NSW

Building No.	Building Name	Level	Location	Description	Type	Risk	Sample No.	Photograph No.	Comments / Condition	Action Taken
1	HIV and Sexual Health Clinic	Exterior	Eave Lining	Suspected Flat A/C Sheet	Bonded	HL1		2	Sealed with Paint - Good Condition	
1	HIV and Sexual Health Clinic	Exterior	Electrical Switchboard	Suspected Zelminite Backing Board	Bonded	HL1		3	Good Condition	
1	HIV and Sexual Health Clinic	Interior	1 Wall and Ceiling to Garage / Store	Suspected Flat A/C Sheet	Bonded	HL2c		4	Seal with Paint - Good Condition	
1	HIV and Sexual Health Clinic	Interior	Wall Lining to Bathroom	Flat A/C Sheet	Bonded	HL1	2	5	Sealed with Paint - Good Condition	
1	HIV and Sexual Health Clinic	Interior	Wall Lining to Laundry	Suspected Flat A/C Sheet	Bonded	HL1		6	Sealed with Paint - Good Condition	
1	HIV and Sexual Health Clinic	Interior	Floorcovering - Laundry	Asbestos Vinyl Tile	Bonded	HL1	1	7	Good Condition	
1	HIV and Sexual Health Clinic	Interior	Ceiling Space - A/C Ductwork	SMF in Plastic	Synthetic Mineral Fibre	HL0		8	Good Condition	
2	Renal Unit	Exterior	Eave Lining (Original)	Suspected Flat A/C Sheet	Bonded	HL1		10	Sealed with Paint - Good Condition	
2	Renal Unit	Exterior	Gable Lining (One End)	Suspected Flat A/C Sheet	Bonded	HL1		11	Sealed with Paint - Good Condition	
2	Renal Unit	Interior	Old Laundry Ceiling Lining	Suspected Flat A/C Sheet	Bonded	HL1		13	Sealed with Paint - Good Condition	
2	Renal Unit	Interior	Ceiling Space - A/C Ductwork	SMF in Plastic	Synthetic Mineral Fibre	HL0		14	Good Condition	
2	Renal Unit	Interior	Ceiling Space Insulation	SMF Batts	Synthetic Mineral Fibre	HL0		14	Good Condition	
3	Stage 3 Medical & Reception	Plant Rooms	Cooling Towers	Fibreglass	Synthetic Mineral Fibre	HL0		21	Manufactured in Units	
3	Stage 3 Medical & Reception	Plant Rooms	Wall and Ceiling Insulation	SMF on Foil / Wire	Synthetic Mineral Fibre	HL0		22	Good Condition	
3	Stage 3 Medical & Reception	Plant Rooms	Air Conditioning - Hot Water Flow and Return Pipe Insulation	SMF in Metal	Synthetic Mineral Fibre	HL0		23	Sealed in Metal - Good Condition	
3	Stage 3 Medical & Reception	Level 3 - Interior	Ceiling Space A/C - Ductwork Insulation	SMF on Foil	Synthetic Mineral Fibre	HL0			Good Condition	
3	Stage 3 Medical & Reception	Level 3 - Interior	Ceiling Space - Hot Water Pipework Insulation	SMF on Foil	Synthetic Mineral Fibre	HL0			Good Condition	

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ASBESTOS AND SYNTHETIC MINERAL FIBRE REGISTER OF GOSFORD HOSPITAL
HOLDEN STREET, GOSFORD NSW

Building No.	Building Name	Level	Location	Description	Type	Risk	Sample No.	Photograph No.	Comments / Condition	Action Taken
3	Stage 3 Medical & Reception	Level 3 - Interior	Risers - Hot Water Pipework Insulation	SMF on Foil	Synthetic Mineral Fibre	HL0			Good Condition	
3	Stage 3 Medical & Reception	Level 2 - Interior	Ceiling Space - A/C Ductwork Insulation	SMF on Foil	Synthetic Mineral Fibre	HL0		24, 25	Good Condition	
3	Stage 3 Medical & Reception	Level 2 - Interior	Ceiling Space - Hot Water Pipework Insulation	SMF on Foil	Synthetic Mineral Fibre	HL0			Good Condition	
3	Stage 3 Medical & Reception	Level 2 - Interior	Risers - Hot Water Pipework Insulation	SMF on Foil	Synthetic Mineral Fibre	HL0			Good Condition	
3	Stage 3 Medical & Reception	Level 1 - Interior	Ceiling Space - A/C Ductwork Insulation	SMF on Foil	Synthetic Mineral Fibre	HL0		26	Good Condition	
3	Stage 3 Medical & Reception	Level 1 - Interior	Plant Room 25 - Heat Exchanger Insulation	SMF in Metal	Synthetic Mineral Fibre	HL0			Good Condition	
3	Stage 3 Medical & Reception	Level 1 - Interior	Plant Room 25 - Hot Water Pipe Insulation	SMF in Metal	Synthetic Mineral Fibre	HL0		27	Good Condition	
3	Stage 3 Medical & Reception	Level 1 - Interior	Corridor Ceiling - Hot Water Pipes / Insulation	SMF on Foil	Synthetic Mineral Fibre	HL0		28	Good Condition	
3	Stage 3 Medical & Reception	Level 1 - Interior	Plant Room 26 - 2 x Storage Vessels Insulation	SMF in Metal	Synthetic Mineral Fibre	HL0		29	Good Condition	
3	Stage 3 Medical & Reception	Level 1 - Interior	Plant Room 26 - 4 x Calorifiers - Insulation	SMF in Metal	Synthetic Mineral Fibre	HL0		30	Good Condition	
3	Stage 3 Medical & Reception	Level 1 - Interior	Plant Room 26 - Hot Water Pipes - Insulation	SMF in Metal	Synthetic Mineral Fibre	HL0		31	Good Condition	
3	Stage 3 Medical & Reception	Level 1 - Interior	Boiler Room - 3 x Furnaces Insulation	SMF in Metal	Synthetic Mineral Fibre	HL0		32	Good Condition	
3	Stage 3 Medical & Reception	Level 1 - Interior	Boiler Room - Vessel and Exchanger to Pipework - Insulation	SMF in Metal	Synthetic Mineral Fibre	HL0			Good Condition	
4	Stage 1 Medical	Exterior	Maintenance Area - Elevated Pipework	SMF in Foil	Synthetic Mineral Fibre	HL0			Good Condition	
			Roof Entrance to Concrete Section	Asbestos Roof Membrane	Bonded	HL1	4	35	Good Condition	

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ASBESTOS AND SYNTHETIC MINERAL FIBRE REGISTER OF GOSFORD HOSPITAL
HOLDEN STREET, GOSFORD NSW

Building No.	Building Name	Level	Location	Description	Type	Risk	Sample No.	Photograph No.	Comments / Condition	Action Taken
4	Stage 1 Medical	Roof - Plant Rooms	Lift Motor Room - Lifts 9 and 10 - Lift Motor Brake Shoes	Suspected Asbestos Brake Shoes	Bonded	HL1		36	Good Condition	
4	Stage 1 Medical	Roof - Plant Rooms	Roof Insulation - Lift Motor Room	SMF on Foil / Wire	Synthetic Mineral Fibre	HL0		39	Good Condition	
4	Stage 1 Medical	Roof - Plant Rooms	Doors to Old Sub-Station	SMF Core	Synthetic Mineral Fibre	HL0		37	Good Condition	
4	Stage 1 Medical	Level 3 - Interior	Manhole Covers (Selected) Wet Areas	Suspected Flat A/C Sheet	Bonded	HL1		42	Good Condition - Replace at Opportunity	
4	Stage 1 Medical	Level 3 - Interior	Wards - Corridor Ceilings Insulation	SMF Behind Metal Tiles	Synthetic Mineral Fibre	HL0		43, 44	Good Condition	
4	Stage 1 Medical	Level 3 - Interior	Ceiling Space - Wet Areas - Hot Water Pipes - Insulation	SMF in Foil	Synthetic Mineral Fibre	HL0		45	Fair Condition	
4	Stage 1 Medical	Level 3 - Interior	Pan Room - Pipework Insulation	SMF in Foil	Synthetic Mineral Fibre	HL0		46	Good Condition	
4	Stage 1 Medical	Level 3 - Interior	Fire Stairs Fire Door Core	SMF	Synthetic Mineral Fibre	HL0		40	Good Condition	
4	Stage 1 Medical	Level 2 - Interior	Manhole Covers (Selected) Wet Areas	Suspected Flat A/C Sheet	Bonded	HL1			Good Condition - Replace at Opportunity	
4	Stage 1 Medical	Level 2 - Interior	Wards - Corridor Ceiling Insulation	SMF Behind Metal Tiles	Synthetic Mineral Fibre	HL0			Good Condition	
4	Stage 1 Medical	Level 2 - Interior	Ceiling Space Wet Areas - Hot Water Pipework	SMF in Foil	Synthetic Mineral Fibre	HL0			Good Condition	
4	Stage 1 Medical	Level 2 - Interior	Pan Room - Pipe Insulation	SMF in Foil	Synthetic Mineral Fibre	HL0			Good Condition	
4	Stage 1 Medical	Level 2 - Interior	Emergency Department - Ceiling Insulation	SMF Behind Metal Tiles	Synthetic Mineral Fibre	HL0			Good Condition	
4	Stage 1 Medical	Level 2 - Interior	Emergency Department Ceiling Space - Hot Water Pipework	SMF in Foil	Synthetic Mineral Fibre	HL0			Good Condition	
4	Stage 1 Medical	Level 1 - Interior	Main Switchroom - Old Switchboard	Suspected Zelminite Backing Board	Bonded	HL1		47	Good Condition	

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ASBESTOS AND SYNTHETIC MINERAL FIBRE REGISTER OF GOSFORD HOSPITAL
HOLDEN STREET, GOSFORD NSW

Building No.	Building Name	Level	Location	Description	Type	Risk	Sample No.	Photograph No.	Comments / Condition	Action Taken
4	Stage 1 Medical	Level 1 - Interior	Entry Door - Boiler Room	Asbestos Core	Friable	HL2c	13	50	Fair Condition - Some Damaged	
4	Stage 1 Medical	Level 1 - Interior	Kitchen Store - Ceiling Tiles	Flat A/C Sheet	Bonded	HL2c	11	49	Fair Condition - Some Damaged	
4	Stage 1 Medical	Level 1 - Interior	A/C Plant Room - Store Pipework - Insulation	SMF in Metal	Synthetic Mineral Fibre	HL0		51	Good Condition	
4	Stage 1 Medical	Level 1 - Interior	Tunnel - Hot Water / Store Pipe Insulation	SMF in Foil	Synthetic Mineral Fibre	HL0		52	Fair Condition - Some Damaged	
4	Stage 1 Medical	Level 1 - Interior	Boiler Insulation	SMF in Metal	Synthetic Mineral Fibre	HL0		53	Sealed in Unit	
4	Stage 1 Medical	Level 1 - Interior	Exhaust Manifold to Generator	SMF in Cloth	Synthetic Mineral Fibre	HL0		54	Good Condition	
4	Stage 1 Medical	Level 1 - Interior	Boiler Room - Calorifier Pipework Insulation	SMF in Metal	Synthetic Mineral Fibre	HL0		55	Good Condition	
4	Stage 1 Medical	Level 1 - Interior	Corridors - Pipework Insulation	SMF in Foil	Synthetic Mineral Fibre	HL0		56	Good Condition	
4	Stage 1 Medical	Level 1 - Interior	Kitchen Ceiling - A/C Ducts Insulation	SMF in Plastic / Foil	Synthetic Mineral Fibre	HL0		57	Good Condition	
4	Stage 1 Medical	Level 1 - Interior	Pharmacy Ceiling - A/C Ducts / Pipework Insulation	SMF in Plastic / Metal	Synthetic Mineral Fibre	HL0		58	Good Condition	
4	Stage 1 Medical	Level 1 - Interior	Medical Records Ceiling Space - Insulation to A/C Pipework	SMF in Plastic / Foil / Metal	Synthetic Mineral Fibre	HL0			Good Condition	
4	Stage 1 Medical	Level 1 - Interior	Kitchen Entry Door Rear Core	SMF	Synthetic Mineral Fibre	HL0			Good Condition	
4	Stage 1 Medical	Lower Ground - Interior	Ceiling Space and Sub-Floor - A/C Ductwork - Hot Water Pipework	SMF Insulation in Plastic / Foil / Metal	Synthetic Mineral Fibre	HL0			Good Condition	
5	Medical Wards & Outpatients	Exterior	Eave Lining (Original)	Suspected Flat A/C Sheet	Bonded	HL1		62, 63	Paint Flaking in Some Instances - Generally Good	
5	Medical Wards & Outpatients	Exterior	Switchboard on Wall	Suspected Zelminite Backing Board	Bonded	HL1		64	Fair Condition	
5	Medical Wards & Outpatients	Exterior	Infill - Lower to Covered Walkway	Suspected Flat Asbestos Cement Sheet	Bonded	HL1		65	Good Condition	

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ASBESTOS AND SYNTHETIC MINERAL FIBRE REGISTER OF GOSFORD HOSPITAL
HOLDEN STREET, GOSFORD NSW

Building No.	Building Name	Level	Location	Description	Type	Risk	Sample No.	Photograph No.	Comments / Condition	Action Taken
5	Medical Wards & Outpatients	Exterior	Pipework (in Metal Enclosure) - Car Park Side - Insulation	SMF Insulation	Synthetic Mineral Fibre	HL0		66	Fair Condition	
5	Medical Wards & Outpatients	Roof - Plant Rooms	Lift Motor Room - Controls	Suspected Asbestos Sheathed Wire	Friable	HL1		67	Fair Condition	
5	Medical Wards & Outpatients	Roof - Plant Rooms	Lift Motors - Brake Shoes	Suspected Asbestos Brake Shoes	Bonded	HL1		68	Good Condition	
5	Medical Wards & Outpatients	Roof - Plant Rooms	Boilers and Calorifiers - Insulation	SMF in Metal	Synthetic Mineral Fibre	HL0		69	Good Condition	
5	Medical Wards & Outpatients	Roof - Plant Rooms	Plant Room - Wall Insulation	SMF in Foil	Synthetic Mineral Fibre	HL0			Good Condition	
5	Medical Wards & Outpatients	Roof - Plant Rooms	Plant Room - Pipework Insulation	SMF in Metal	Synthetic Mineral Fibre	HL0			Good Condition	
5	Medical Wards & Outpatients	Level 4 - Interior	Old Theatres - Ceiling Space / Part Pipework Insulation (in Ceiling)	Asbestos Insulation	Friable	HL2a	47	69	Poor Condition - Restrict Entry / Access	
5	Medical Wards & Outpatients	Level 4 - Interior	Old Theatres - Ceiling Space / Contamination	Suspected Asbestos Contamination	Friable	HL2a			Restrict Entry / Access - Clean Up Required	
5	Medical Wards & Outpatients	Level 4 - Interior	Fire Stairs / Fire Doors	Asbestos Core	Friable	HL1	14	71	Sealed in Doors	
5	Medical Wards & Outpatients	Level 4 - Interior	Verandahs - Ceiling Lining	Suspected Flat A/C Sheet	Bonded	HL1		72	Sealed with Paint - Good Condition	
5	Medical Wards & Outpatients	Level 4 - Interior	Ward 22 - Ceiling Space Contamination	Suspected Asbestos Contamination	Friable	HL2a			Removal Complete - Contamination Remains	
5	Medical Wards & Outpatients	Level 4 - Interior	Ward 22 - Ceiling to Wet Area (1)	Suspected Flat A/C Sheet	Bonded	HL1			Good Condition	
5	Medical Wards & Outpatients	Level 4 - Interior	Neurology - Ceiling Space Contamination	Suspected Asbestos Contamination	Friable	HL2a			Further Investigation Required - Not Accessible	
5	Medical Wards & Outpatients	Level 4 - Interior	Neurology - Pan Room / Toilets - Vinyl / Wall Tiles	Suspected Asbestos Vinyl Tiles	Bonded	HL2a			Fair Condition - Some Damaged	
5	Medical Wards & Outpatients	Level 4 - Interior	Old Theatres - Corridor - Floorcovering	Suspected Asbestos Vinyl Tiles	Bonded	HL1			Good Condition - Unable to Sample due to Condition	
5	Medical Wards & Outpatients	Level 4 - Interior	Store Room - Near Lift Foyer	Suspected Asbestos Vinyl Tiles	Bonded	HL1			Good Condition	
5	Medical Wards & Outpatients	Level 4 - Interior	Floorcovering - Physiotherapy - Entry Doors	Asbestos Core	Friable	HL1	50		Good Condition	

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HOLDEN STREET, GOSFORD NSW

Building No.	Building Name	Level	Location	Description	Type	Risk	Sample No.	Photograph No.	Comments / Condition	Action Taken
5	Medical Wards & Outpatients	Level 4 - Interior	Ceiling Space / Old Theatres - Roof Insulation	SMF / Foil on Wire	Synthetic Mineral Fibre	HL0		73	Good Condition	
5	Medical Wards & Outpatients	Level 4 - Interior	Ceiling Space / Old Theatre - A/C Ductwork	SMF on Foil	Synthetic Mineral Fibre	HL0		73	Good Condition	
5	Medical Wards & Outpatients	Level 4 - Interior	Ceiling Space / Old Theatre Insulation	SMF Batts	Synthetic Mineral Fibre	HL0		74	Good Condition	
5	Medical Wards & Outpatients	Level 4 - Interior	Ward 22 - Ceiling Space Insulation	SMF Batts	Synthetic Mineral Fibre	HL0			Good Condition	
5	Medical Wards & Outpatients	Level 4 - Interior	Neurology Ceiling Space Roof Insulation	SMF / Foil on Wire	Synthetic Mineral Fibre	HL0			Good Condition	
5	Medical Wards & Outpatients	Level 3 - Interior	Fire Stairs / Fire Doors	Suspected Asbestos Core	Friable	HL1			Sealed in Door - Good Condition	
5	Medical Wards & Outpatients	Level 3 - Interior	Ceiling Space	Suspected Asbestos Contamination from Pipework	Friable	HL2a			Clean Up Under Controlled Conditions	
5	Medical Wards & Outpatients	Level 3 - Interior	Ceiling Space - Pipework / A/C Ductwork	SMF Insulation in foil	Synthetic Mineral Fibre	HL0			Good Condition	
5	Medical Wards & Outpatients	Level 2 - Interior	Fire Stairs / Fire Doors	Suspected Asbestos Core	Friable	HL1			Sealed in Door - Good Condition	
5	Medical Wards & Outpatients	Level 2 - Interior	Ceiling Space - Pipework / A/C Ductwork	SMF Insulation in foil	Synthetic Mineral Fibre	HL0			Good Condition	
5	Medical Wards & Outpatients	Level 1 - Interior	Plant Room 9 - A/C Controls	Suspected Zelminite Backing Board	Bonded	HL1		75	Good Condition	
5	Medical Wards & Outpatients	Level 1 - Interior	Plant Room 8 - Main Steam Pipe (Obsolete)	Asbestos Insulation	Friable	HL2a	49	76	Exposed - Restrict Entry and Seal Immediately	
5	Medical Wards & Outpatients	Level 1 - Interior	Vinyl Tiles Under Vinyl - Cafeteria Corridor	Suspected Asbestos Vinyl Tiles	Bonded	HL1		77	Sealed Under Vinyl	
5	Medical Wards & Outpatients	Level 1 - Interior	Nurses Administration Toilets - Ceiling	Suspected Flat A/C Sheet	Bonded	HL1			Good Condition	
5	Medical Wards & Outpatients	Level 1 - Interior	Plant Room 5 - Ceiling - Vermiculite	Sprayed Asbestos Vermiculite	Friable	HL1	19		Good Condition	
5	Medical Wards & Outpatients	Level 1 - Interior	Plant Room 9 - Calorifier Insulation	SMF in Metal	Synthetic Mineral Fibre	HL0		78	Good Condition	

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Building No.	Building Name	Level	Location	Description	Type	Risk	Sample No.	Photograph No.	Comments / Condition	Action Taken
5	Medical Wards & Outpatients	Level 1 - Interior	Plant Room 9 - Upper Pipework Insulation	SMF in Metal / Foil	Synthetic Mineral Fibre	HL0			Good Condition	
5	Medical Wards & Outpatients	Level 1 - Interior	Plant Room 8 - Pipework Insulation	SMF in Foil / Metal	Synthetic Mineral Fibre	HL0		76, 79	Fair Condition	
5	Medical Wards & Outpatients	Level 1 - Interior	Children's Ward - Roof Insulation	SMF in Foil on Wire	Synthetic Mineral Fibre	HL0			Good Condition	
5	Medical Wards & Outpatients	Level 1 - Interior	Ceiling Space - A/C Duct Pipework Insulation	SMF in Foil	Synthetic Mineral Fibre	HL0			Good Condition	
5	Medical Wards & Outpatients	Level 1 - Interior	Nurses Administration - Ceiling Tiles	SMF in Plastic	Synthetic Mineral Fibre	HL0			Good Condition	
5	Medical Wards & Outpatients	Level 1 - Interior	Nurses Administration - Metal Ceiling Tiles	SMF in Plastic	Synthetic Mineral Fibre	HL0			Good Condition	
5	Medical Wards & Outpatients	Level 1 - Interior	Hot Water Unit - Outside Children's Ward (Hot)	SMF in Metal	Synthetic Mineral Fibre	HL0		80	Sealed in Metal	
5	Medical Wards & Outpatients	Level 1 - Interior	Ceiling Cafeteria	SMF in Plastic	Synthetic Mineral Fibre	HL0			Good Condition	
5	Medical Wards & Outpatients	Level 1 - Interior	Corridor - Metal Tile Insulation	SMF in Plastic	Synthetic Mineral Fibre	HL0			Good Condition	
5	Medical Wards & Outpatients	Level 1 - Interior	Plant Room 7 - Calorifier	SMF in Foil	Synthetic Mineral Fibre	HL0		81	Good Condition	
5	Medical Wards & Outpatients	Level 1 - Interior	Plant Room 7 - Pipework / Heat Exchanger Insulation	SMF in Foil	Synthetic Mineral Fibre	HL0		82	Good Condition	
5	Medical Wards & Outpatients	Basement	Sub-Floor Below Children's Ward - Old Switchboard	Suspected Zelminite Backing Board	Bonded	HL1		83	Fair Condition	
5	Medical Wards & Outpatients	Basement	Sub-Floor Below Children's Ward - Old Switchboard	Suspected Zelminite Backing Board	Bonded	HL1		83	Fair Condition	
5	Medical Wards & Outpatients	Basement	Sub-Floor Below Children's Ward - Pipework Insulation	SMF in Cloth	Synthetic Mineral Fibre	HL0		84	Good Condition	

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HOLDEN STREET, GOSFORD NSW

Building No.	Building Name	Level	Location	Description	Type	Risk	Sample No.	Photograph No.	Comments / Condition	Action Taken
5	Medical Wards & Outpatients	Basement	Sub-Floor Below Children's Ward - Pipework Insulation	SMF ?????	Synthetic Mineral Fibre	HL0		85	Fair Condition	
5	Medical Wards & Outpatients	Basement	Plant Room 6 - Boiler Insulation	SMF in Metal	Synthetic Mineral Fibre	HL0		86	Good Condition	
5	Medical Wards & Outpatients	Basement	Plant Room 6 - Pipework Insulation	SMF in Metal	Synthetic Mineral Fibre	HL0		87	Good Condition	
5	Medical Wards & Outpatients	Basement	Plant Room 6 - Riser Insulation	SMF in Metal	Synthetic Mineral Fibre	HL0		88	Good Condition	
5	Medical Wards & Outpatients	Basement	Computer Storage Area - Pipework	SMF in Cloth	Synthetic Mineral Fibre	HL0			Good Condition	
5	Medical Wards & Outpatients	Basement	Sub-Floor - Old A/C Unit / Ducts	SMF in Foil to A/C Ducts	Synthetic Mineral Fibre	HL0			Good Condition	
5	Medical Wards & Outpatients	Basement	Sub-Floor Behind PABX Floor Insulation	SMF on Wire	Synthetic Mineral Fibre	HL0			Good Condition	
6	Kiosk	Exterior	Eave Lining	Suspected Flat A/C Sheet	Bonded	HL1		90	Sealed with Paint - Good Condition	
7	Executive Offices & Nurses Accommodation	Exterior	Eave Lining	Suspected Flat A/C Sheet	Bonded	HL1		92	Sealed with Paint - Good Condition	
7	Executive Offices & Nurses Accommodation	Exterior	Verandah Ceiling Lining	Suspected Flat A/C Sheet	Bonded	HL1		93	Sealed with Paint - Good Condition	
7	Executive Offices & Nurses Accommodation	Interior - Level 3	Cleaners Room and Laundry Riser - Pipework Insulation	Suspected Asbestos Insulation	Friable	HL2a		94, 95	Poor Condition - Seal - Restrict Entry / Access	
7	Executive Offices & Nurses Accommodation	Interior - Level 3	Cleaners Room and Laundry Riser - Pipework Contamination	Suspected Asbestos Insulation	Friable	HL2a			Poor Condition - Seal - Restrict Entry / Access	
7	Executive Offices & Nurses Accommodation	Interior - Level 3	Ceiling Space - Pipework Insulation	Suspected Asbestos Insulation	Friable	HL2a			Poor Condition - Seal - Restrict Entry / Access	
7	Executive Offices & Nurses Accommodation	Interior - Level 3	Ceiling Space - Pipework Contamination	Suspected Asbestos Insulation	Friable	HL2a			Poor Condition - Seal - Restrict Entry / Access	
7	Executive Offices & Nurses Accommodation	Interior - Level 3	Bathroom and Laundry Ceiling	Suspected Flat A/C Sheet	Bonded	HL1			Sealed with Paint - Good Condition	

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Building No.	Building Name	Level	Location	Description	Type	Risk	Sample No.	Photograph No.	Comments / Condition	Action Taken
7	Executive Offices & Nurses Accommodation	Interior - Level 2	Cleaners Room and Laundry Riser Pipework Insulation	Asbestos Insulation	Friable	HL2a		96, 97	Poor Condition - Seal - Restrict Entry / Access	
7	Executive Offices & Nurses Accommodation	Interior - Level 2	Cleaners Room and Laundry Riser Pipework Contamination	Suspected Asbestos Insulation	Friable	HL2a			Poor Condition - Seal - Restrict Entry / Access	
7	Executive Offices & Nurses Accommodation	Interior - Level 2	Ceiling Space - Bathroom Pipework Insulation	Suspected Asbestos Insulation	Friable	HL2a		98	Poor Condition - Seal - Restrict Entry / Access	
7	Executive Offices & Nurses Accommodation	Interior - Level 2	Ceiling Space - Bathroom Pipework Contamination	Suspected Asbestos Insulation	Friable	HL2a			Poor Condition - Seal - Restrict Entry / Access	
7	Executive Offices & Nurses Accommodation	Interior - Level 2	Bathroom and Laundry ceiling Lining	Suspected Flat A/C Sheet	Bonded	HL1			Sealed with Paint - Good Condition	
7	Executive Offices & Nurses Accommodation	Interior - Level 1	Risers (2) - Pipework Insulation	Suspected Asbestos Insulation	Friable	HL2a			Sealed in Walls	
7	Executive Offices & Nurses Accommodation	Interior - Level 1	Risers (2) Contamination	Suspected Asbestos Insulation	Friable	HL2a			Sealed in Walls	
7	Executive Offices & Nurses Accommodation	Basement Garages & Plant Room	Garages - Pipework Insulation	Asbestos Insulation in Cloth	Friable	HL2b	52	99	Cloth Open in Places - Seal	
7	Executive Offices & Nurses Accommodation	Basement Garages & Plant Room	Plant Room Pipework	Asbestos Insulation in Metal	Friable	HL2a	54	100	Exposed End - Seal - Restrict Access	
7	Executive Offices & Nurses Accommodation	Basement Garages & Plant Room	Sub-Floor Pipework - Insulation	Asbestos Insulation	Friable	HL2a	53	101, 102	Seal Door - Restrict Access	
7	Executive Offices & Nurses Accommodation	Basement Garages & Plant Room	Sub-Floor - Contamination	Suspected Asbestos Insulation	Friable	HL2a			Seal Door - Restrict Access	
7	Executive Offices & Nurses Accommodation	Basement Garages & Plant Room	Dividing Wall - Garage	Flat A/C Sheet	Bonded	HL1	22		Sealed with Paint - Good Condition	
7	Executive Offices & Nurses Accommodation	Basement Garages & Plant Room	Floorcovering - Auxiliary Room	Asbestos Vinyl Tiles	Bonded	HL1	23	103	Good Condition	
7	Executive Offices & Nurses Accommodation	Basement Garages & Plant Room	A/C Ductwork in Plant Room - Insulation	SMF in Foil	Synthetic Mineral Fibre	HL0		104	Good Condition	

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Building No.	Building Name	Level	Location	Description	Type	Risk	Sample No.	Photograph No.	Comments / Condition	Action Taken
7	Executive Offices & Nurses Accommodation	Basement Garages & Plant Room	Garages - Pipework Insulation	SMF in Cloth (1 Pipe)	Synthetic Mineral Fibre	HL0			Fair Condition	
7	Executive Offices & Nurses Accommodation	Basement Garages & Plant Room	Plant Room - Pipework Insulation	SMF in Cloth (1 Pipe)	Synthetic Mineral Fibre	HL0			Fair Condition	
8	Nurse Training & Clinics	Exterior	Roof	Suspected Corrugated A/C Sheet	Bonded	HL1		106	Fair Condition	
8	Nurse Training & Clinics	Exterior	Roof Ridge Capping	Suspected Moulded A/C	Bonded	HL1			Fair Condition	
8	Nurse Training & Clinics	Exterior	Roof Barge Ends	Suspected Moulded A/C	Bonded	HL1			Fair Condition	
8	Nurse Training & Clinics	Exterior	Eave Lining	Suspected Flat A/C Sheet	Bonded	HL1		107	Sealed with Paint - Good Condition	
8	Nurse Training & Clinics	Exterior	Porch Entry Linings	Suspected Flat A/C Sheet	Bonded	HL1		108	Sealed with Paint - Good Condition	
8	Nurse Training & Clinics	Level 4 - Interior	Toilet Cubicles	Suspected Compressed A/C Sheet	Bonded	HL1		109	Good Condition	
8	Nurse Training & Clinics	Level 4 - Interior	Ceiling Space - Contamination	Suspected Asbestos Contamination from Roof	Friable	HL2a		110	Restrict Access - Clean Every Space	
8	Nurse Training & Clinics	Level 4 - Interior	Fire Hydrant Riser Pipework Insulation	SMF in Cloth	Synthetic Mineral Fibre	HL0			Good Condition	
8	Nurse Training & Clinics	Level 4 - Interior	Roof Space - Pipework Insulation	SMF in Cloth	Synthetic Mineral Fibre	HL0		111	Good Condition	
8	Nurse Training & Clinics	Level 3 - Interior	Toilets Cubicles	Suspected Compressed A/C Sheet	Bonded	HL1			Good Condition	
8	Nurse Training & Clinics	Level 3 - Interior	Fire Hydrant Room - Pipework Insulation	SMF in Cloth	Synthetic Mineral Fibre	HL0			Good Condition	
8	Nurse Training & Clinics	Level 2 - Interior	Toilets Cubicles	Suspected Compressed A/C Sheet	Bonded	HL1			Good Condition	
8	Nurse Training & Clinics	Level 2 - Interior	Fire Hydrant Room - Pipework Insulation	SMF in Cloth	Synthetic Mineral Fibre	HL0			Good Condition	
8	Nurse Training & Clinics	Level 1 - Interior	Riser Pipework Insulation	SMF in Cloth	Synthetic Mineral Fibre	HL0			Good Condition	
8	Nurse Training & Clinics	Basement	Plant Room Ceiling Lining	Suspected Flat A/C Sheet	Bonded	HL1		112	Sealed with Paint - Good Condition	

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Building No.	Building Name	Level	Location	Description	Type	Risk	Sample No.	Photograph No.	Comments / Condition	Action Taken
8	Nurse Training & Clinics	Basement	Sub-Floor - Pipework Insulation	SMF in Cloth	Synthetic Mineral Fibre	HL0		113	Good Condition	
9	Clinical Unit	Level 1 - Interior	Elevated Pipework - Insulation	SMF in Foil	Synthetic Mineral Fibre	HL0		115	Fair Condition	
10	Health Services Building	Exterior	Entry Awning Ceiling - Bulkhead	Flat A/C Sheet	Bonded	HL2c	24	117	Some Damage - Sealed with Paint	
10	Health Services Building	Level 3 - Interior	Lining Above Air Intake - Plant Room	Suspected Flat A/C Sheet	Bonded	HL1		119	Sealed with Paint - Good Condition	
10	Health Services Building	Level 3 - Interior	Toilet - Plant Room Partition	Suspected Flat A/C Sheet	Bonded	HL1		120	Sealed with Paint - Good Condition	
10	Health Services Building	Level 3 - Interior	Fire Doors - Typical	Asbestos Core	Friable	HL1	25	121	Sealed in Door - Good Condition	
10	Health Services Building	Level 3 - Interior	Plant Room - Pipework Insulation	SMF in Metal	Synthetic Mineral Fibre	HL0		122	Good Condition	
10	Health Services Building	Level 3 - Interior	Ceiling Space - Roof Insulation	SMF in Foil	Synthetic Mineral Fibre	HL0			Good Condition	
10	Health Services Building	Level 3 - Interior	Ceiling Space - A/C Ducts - Insulation	SMF in Foil	Synthetic Mineral Fibre	HL0			Good Condition	
10	Health Services Building	Level 3 - Interior	Ceiling Space Insulation	SMF Batts (Part)	Synthetic Mineral Fibre	HL0		123	Good Condition	
10	Health Services Building	Level 3 - Interior	Original Ceiling Tiles	SMF	Synthetic Mineral Fibre	HL0		118	Good Condition	
10	Health Services Building	Level 2 - Interior	Fire Hydrant Cupboard Ceiling	Suspected Flat A/C Sheet	Bonded	HL1			Sealed with Paint - Good Condition	
10	Health Services Building	Level 2 - Interior	Fire Doors to Fire Stairs	Suspected Asbestos Core	Friable	HL1			Sealed in Door - Good Condition	
10	Health Services Building	Level 2 - Interior	Toilets - Cubicle Partitions	Suspected Compressed A/C Sheet	Bonded	HL1		124	Good Condition	
10	Health Services Building	Level 2 - Interior	Hot Water Valve Cupboard -	SMF in Foil	Synthetic Mineral Fibre	HL0		125	Good Condition	
10	Health Services Building	Level 2 - Interior	Ceiling Space - A/C Ductwork	SMF in Foil	Synthetic Mineral Fibre	HL0			Good Condition	
10	Health Services Building	Level 2 - Interior	Ceiling Tiles - Insulation	SMF Backing	Synthetic Mineral Fibre	HL0		126	Good Condition	

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Building No.	Building Name	Level	Location	Description	Type	Risk	Sample No.	Photograph No.	Comments / Condition	Action Taken
10	Health Services Building	Level 1 - Interior	Fire Stairs - Fire Door	Suspected Asbestos Core	Friable	HL1			Sealed in Door - Good Condition	
10	Health Services Building	Level 1 - Interior	Hot Water Valve Cupboard - Pipework Insulation	SMF in Foil	Synthetic Mineral Fibre	HL0			Sealed in Door	
10	Health Services Building	Level 1 - Interior	Plant Room - Pipework Insulation	SMF in Metal	Synthetic Mineral Fibre	HL0		127	Good Condition	
10	Health Services Building	Level 1 - Interior	Plant Room - Furnace Insulation	SMF in Metal	Synthetic Mineral Fibre	HL0		128	Good Condition	
10	Health Services Building	Level 1 - Interior	Ceiling Space - A/C Ductwork	SMF in Foil	Synthetic Mineral Fibre	HL0			Good Condition	
11	Pathology, Laboratories & Bloodbank	Exterior	Eave Lining	Suspected Flat A/C Sheet	Bonded	HL1		130	Good Condition - Sealed with Paint	
11	Pathology, Laboratories & Bloodbank	Level 4 - Interior	Roof Insulation	SMF on Foil	Synthetic Mineral Fibre	HL0			Good Condition	
11	Pathology, Laboratories & Bloodbank	Level 3 - Interior	Ceiling Space Pipework Insulation	SMF in Coth	Synthetic Mineral Fibre	HL0			Good Condition	
11	Pathology, Laboratories & Bloodbank	Level 3 - Interior	Ceiling Space A/C Ducts (Flexible)	SMF in Plastic	Synthetic Mineral Fibre	HL0			Good Condition	
11	Pathology, Laboratories & Bloodbank	Level 2 - Interior	Ceiling Space Pipework Insulation	SMF in Coth	Synthetic Mineral Fibre	HL0			Good Condition	
11	Pathology, Laboratories & Bloodbank	Level 2 - Interior	Ceiling Space A/C Ducts (Flexible)	SMF in Plastic	Synthetic Mineral Fibre	HL0			Good Condition	
11	Pathology, Laboratories & Bloodbank	Level 1 - Interior	Ceiling Space Pipework Insulation	SMF in Coth	Synthetic Mineral Fibre	HL0			Good Condition	
11	Pathology, Laboratories & Bloodbank	Level 1 - Interior	Ceiling Space A/C Ducts (Flexible)	SMF in Plastic	Synthetic Mineral Fibre	HL0			Good Condition	
12	"Nunyarra" Aboriginal Health	Exterior	Eave Lining	Suspected Flat A/C Sheet	Bonded	HL1		135	Sealed with Paint - Good Condition	
12	"Nunyarra" Aboriginal Health	Exterior	Window Spandrel Panels	Suspected Flat A/C Sheet	Bonded	HL1		136	Sealed with Paint - Good Condition	
12	"Nunyarra" Aboriginal Health	Exterior	Exterior Cladding	Profiled A/C Sheet	Bonded	HL1	30		Sealed with Paint - Good Condition	

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Building No.	Building Name	Level	Location	Description	Type	Risk	Sample No.	Photograph No.	Comments / Condition	Action Taken
12	"Nunyarra" Aboriginal Health	Interior	Wall Lining (Part)	Flat A/C Sheet	Bonded	HL1	31	137	Sealed with Paint - Fair Condition	
12	"Nunyarra" Aboriginal Health	Interior	Ceiling Lining (Part)	Suspected Flat A/C Sheet	Bonded	HL1			Sealed with Paint - Fair Condition	
13	Education Centre	Interior	Ceiling Space - Insulation to Roof	SMF on Foil	Synthetic Mineral Fibre	HL0		139	Good Condition	
13	Education Centre	Interior	Ceiling Space - A/C Ducts	SMF on Foil	Synthetic Mineral Fibre	HL0			Good Condition	
13	Education Centre	Interior	Ceiling Tiles	SMF Ceiling Tiles	Synthetic Mineral Fibre	HL0		140	Good Condition	
14	Information Technology Centre	Exterior	Eave Lining	Suspected Flat A/C Sheet	Bonded	HL1		143	Sealed with Paint - Good Condition	
14	Information Technology Centre	Exterior	Gable (1 End)	Suspected Flat A/C Sheet	Bonded	HL1		141	Sealed with Paint - Good Condition	
14	Information Technology Centre	Exterior	Between Brickwork Wall Lining	Flat A/C Sheet	Bonded	HL2a	34	144, 145	Damaged - Sealed with Paint - Clean Up Required	
14	Information Technology Centre	Exterior	Electrical Switchboard -	Suspected Zelminite Backing	Bonded	HL1		146	Good Condition	
14	Information Technology Centre	Exterior	Upper Wall Lining (Rear)	Profiled A/C Sheet	Bonded	HL1	33	142	Sealed with Paint - Good Condition	
14	Information Technology Centre	Exterior	Wall Insulation - Addition	SMF Between Walls	Synthetic Mineral Fibre	HL0			Fair Condition	
14	Information Technology Centre	Interior	Between Wall and Ceiling Lining	Suspected Flat A/C Sheet	Bonded	HL1		147	Sealed with Paint - Good Condition	
15	Harry Mattocks Building	Exterior	Eave Lining	Suspected Flat A/C Sheet	Bonded	HL1		150	Sealed with Paint - Good Condition	
15	Harry Mattocks Building	Interior	Level 1 - Ceiling Space - A/C Flexible Duct Insulation	SMF in Plastic	Synthetic Mineral Fibre	HL0		151	Good Condition	
17	Computer Services & Operations	Exterior	Eave Lining	Suspected Flat A/C Sheet	Bonded	HL1		154	Sealed with Paint - Good Condition	

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Building No.	Building Name	Level	Location	Description	Type	Risk	Sample No.	Photograph No.	Comments / Condition	Action Taken
17	Computer Services & Operations	Exterior	Verandah Ceiling Lining	Flat A/C Sheet	Bonded	HL1	36	155	Sealed with Paint - Good Condition	
17	Computer Services & Operations	Interior	Ceiling Space - A/C Ductwork	SMF in Plastic	Synthetic Mineral Fibre	HL0		157	Good Condition	
17	Computer Services & Operations	Interior	Ground Floor Office Ceiling Tiles	SMF	Synthetic Mineral Fibre	HL0			Good Condition	
17	Computer Services & Operations	Interior	Ceiling Space Insulation	SMF Batts	Synthetic Mineral Fibre	HL0		158	Good Condition	
17	Computer Services & Operations	Interior	Below Stairs - Hot Water Service - Insulation	SMF in Metal	Synthetic Mineral Fibre	HL0		159	Good Condition	
18	Rotary Lodge	Exterior	Eave Lining	Suspected Flat A/C Sheet	Bonded	HL1		161	Sealed with Paint - Good Condition	
18	Rotary Lodge	Exterior	Verandah ceiling Lining	Flat A/C Sheet	Bonded	HL1	38	162	Sealed with Paint - Good Condition	
19	Gardeners & Mechanics Workshops	Exterior	Eave Lining (Part)	Suspected Flat A/C Sheet	Bonded	HL1		164, 165	Sealed with Paint - Good Condition	
19	Gardeners & Mechanics Workshops	Exterior	Door Entry Bulkheads (Internal and External)	Suspected Flat A/C Sheet	Bonded	HL1		166	Part Sealed with Paint - Good Condition	
19	Gardeners & Mechanics Workshops	Interior	Workshop - Ceiling Lining	Flat A/C Sheet	Bonded	HL1	39		Some Sections Sealed - Good Condition	
19	Gardeners & Mechanics Workshops	Interior	Ceiling Space Insulation (Part)	SMF Batt Insulation	Synthetic Mineral Fibre	HL0			Good Condition	
20	Domestic Services	Interior	Wall Lining - Shower / Toilet	Flat A/C Sheet	Bonded	HL1	40	169	Sealed with Paint - Good Condition	
21	Day Care Centre	Exterior	Eave Lining	Flat A/C Sheet	Bonded	HL1	41	171	Sealed with Paint - Good Condition	
21	Day Care Centre	Exterior	Electrical Switchboard	Suspected Zelminite Backing	Bonded	HL1		172	Good Condition	
21	Day Care Centre	Interior	Old Laundry Ceiling	Suspected Flat A/C Sheet	Bonded	HL1		174	Sealed with Paint - Good Condition	

Appendix 3: Sample Identification Results

HLA

15 February 2005

Mr Colin Frame
Central Coast Health
PO Box 361
GOSFORD NSW 2250

RE: ASBESTOS IDENTIFICATION RESULTS

Dear Colin,

This report presents the findings in respect of fifty-four (54) samples collected* by HLA-Envirosciences Newcastle for asbestos identification analysis on 29, 30 November 2 and 3 December 2004.

1.0 Introduction: Fifty-four (54) samples were collected* by us during an Asbestos and SMF Survey of the Gosford Hospital, Holden Street, Gosford NSW for asbestos identification analysis.

2.0 Procedures: The samples were examined under a stereo microscope and selected fibres were examined using Polarised Light Microscopy in conjunction with Dispersion Staining Methods (HLA-Envirosciences Method 6).

3.0 Results:

Sample N2083801/7238/1 - Building No. 1 - Vinyl Tiles to Laundry Floor
Approx dimensions 6.0 cm x 2.5 cm x 0.2 cm
The sample consisted of a fragment of a hard floor tile.
Chrysotile Asbestos Detected

Sample N2083801/7238/2 - Building No. 1 - Wall Lining to Old Bathroom
Approx dimensions 1.0 cm x 1.0 cm x 0.3 cm
The sample consisted of a fragment of a fibro plaster material.
Chrysotile Asbestos Detected

Sample N2083801/7238/3 - Building No. 2 - 'Hardiplank' Lining to Old Front Entry
Approx dimensions 2.0 cm x 1.0 cm x 0.4 cm
The sample consisted of a fragment of a fibro plaster cement material containing organic fibre like fibres.
No Asbestos Detected

Sample N2083801/7238/4 - Building No. 4 - Roof Membrane - Part Roof Stage 1
Approx dimensions 9.0 cm x 4.0 cm x 0.2 cm
The sample consisted of a fragment of a bituminous material.
Chrysotile Asbestos and Amosite Asbestos Detected

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sustainable solutions for environmental, OH&S and natural resource management

Sample N2083801/7238/5 - Building No. 4 - Core to Fire Door in Plant Room - Ceiling Access
Approx dimensions 1.0 cm x 0.7 cm x 0.2 cm
The sample consisted of a fragment of a fibro plaster material containing organic fibre like fibres and vermiculite like material.
No Asbestos Detected

Sample N2083801/7238/6 - Building No. 4 - Core to Fire Door - Fire Stairs Level 3 - Typical
Approx dimensions 1.5 cm x 0.6 cm x 0.45 cm
The sample consisted of a fragment of a fibro plaster cement material containing vermiculite like material and organic and synthetic mineral fibre like fibres.
No Asbestos Detected

Sample N2083801/7238/7 - Building No. 4 - Core to Fire Doors - Entry Ward 12 Surgical - Level 3
Approx dimensions 0.7 cm x 0.3 cm x 0.2 cm
The sample consisted of a fragment of a fibro plaster material containing organic fibre like fibres and vermiculite like material.
No Asbestos Detected

Sample N2083801/7238/8 - Building No. 4 - Vermiculite to Tunnel - Level 1 - Ceiling
Approx dimensions 10.0 cm x 8.0 cm x 0.4 cm
The sample consisted of a mixture of vermiculite like material and paint flakes.
No Asbestos Detected

Sample N2083801/7238/9 - Building No. 5 - Level A - Mental Health - Vinyl Tiles to Toilet Walls
Approx dimensions 7.0 cm x 3.0 cm x 0.2 cm
The sample consisted of a fragment of a hard floor tile.
Chrysotile Asbestos Detected

Sample N2083801/7238/10 - Building No. 4 - Level 1 - Tile Substrate to Kitchen Walls - Dishwashing Area
Approx dimensions 1.0 cm x 0.6 cm x 0.4 cm
The sample consisted of a fragment of a fibro plaster material containing organic fibre like fibres.
No Asbestos Detected

Sample N2083801/7238/11 - Building No. 4 - Level 1 - Kitchen - Ceiling Tiles to Store Off Rear Entry
Approx dimensions 2.5 cm x 1.2 cm x 0.3 cm
The sample consisted of a fragment of a fibro plaster cement material.
Chrysotile Asbestos Detected

Sample N2083801/7238/12 - Building No. 4 - Dividing Corridor Wall Lining Kitchen - Linen Services - Level 1
Approx dimensions 2.5 cm x 1.2 cm x 0.4 cm
The sample consisted of a fragment of a fibre cement material containing organic fibre like fibres.
No Asbestos Detected

Sample N2083801/7238/13 - Building No. 4 - Core to Fire Doors - Boiler Room - Level 1 Plant Room
Approx dimensions 1.0 cm x 1.0 cm x 0.3 cm
The sample consisted of a fragment of a fibro plaster material.
Chrysotile Asbestos and Amosite Asbestos Detected

Sample N2083801/7238/14 - Building No. 5 - Core to Fire Doors - Typical
Approx dimensions 0.5 cm x 0.5 cm x 0.2 cm
The sample consisted of a fragment of a fibro plaster material.
Chrysotile Asbestos and Amosite Asbestos Detected

Sample N2083801/7238/15 - Building No. 5 - Putty to Fire Stair Window - Typical
Approx dimensions 0.6 cm x 0.3 cm x 0.2 cm
The sample consisted of a fragment of a hard mastic material.
No Asbestos Detected (An independent confirmatory analytical technique is advised due to the nature of the sample)

Sample N2083801/7238/16 - Building No. 5 - Level 4 - Contamination to Ceiling Space Above Old Theatres
Approx dimensions 4.0 cm x 3.0 cm x 1.3 cm
The sample consisted of fragments and powder of a soft plaster material containing organic and synthetic mineral fibre like fibres.
No Asbestos Detected

Sample N2083801/7238/17 - Building No. 5 - Level 2 - Old Ward 22 - Contaminated in Ceiling Space
Approx dimensions 3.0 cm x 3.0 cm x 0.5 cm
The sample consisted of a mixture of dust particles, plant matter, fragments of plaster, fibres*, fibrous masses of synthetic mineral fibre like fibres and organic fibre like fibres.
***Amosite Asbestos Detected**

Sample N2083801/7238/18 - Building No. 5 - Level 1 - Corridor - Kitchen 1 Cafeteria - Vinyl Tiles Under Sheet Vinyl
Approx dimensions 4.0 cm x 2.5 cm x 0.2 cm
The sample consisted of a fragment of a hard floor tile.
Chrysotile Asbestos Detected

Sample N2083801/7238/19 - Building No. 5 - Vermiculite to Ceiling - Plant Room No. 5
Approx dimensions 2.0 cm x 1.5 cm x 0.5 cm
The sample consisted of a fragment of a soft plaster material containing fibres* and vermiculite like material.
***Chrysotile Asbestos Detected**

Sample N2083801/7238/20 - Building No. 6 - Expansion Joint Material to Brickwork
Approx dimensions 1.5 cm x 0.7 cm x 0.5 cm
The sample consisted of a fragment of a bituminous material containing organic fibre like fibres.
No Asbestos Detected

Sample N2083801/7238/21 - Building No. 7 - Level 3 - Vinyl Tiles Under Carpet
Approx dimensions 9.0 cm x 3.5 cm x 0.3 cm
The sample consisted of a fragment of a hard floor tile.
No Asbestos Detected (An independent confirmatory analytical technique is advised due to the nature of the sample)

Sample N2083801/7238/22 - Building No. 7 - Dividing Wall in Garage
Approx dimensions 3.0 cm x 1.0 cm x 0.5 cm
The sample consisted of a fragment of a fibro plaster cement material.
Chrysotile Asbestos and Amosite Asbestos Detected

Sample N2083801/7238/23 - Building No. 7 - Vinyl Floor Tiles to Hospital Auxiliary Room - Garage Level
Approx dimensions 2.5 cm x 1.1 cm x 0.2 cm
The sample consisted of a fragment of a hard floor tile.
Chrysotile Asbestos Detected

Sample N2083801/7299/24 - Building No.10 - Level 1 - Rear Awning Lining
Approx dimensions 2.1 cm x 1.0 cm x 0.4 cm
The sample consisted of a fragment of a fibro plaster cement material.
Chrysotile Asbestos and Amosite Asbestos Detected

Sample N2083801/7299/25 - Building No. 10 - Core to Fire Door - Typical
Approx dimensions 1.0 cm x 0.8 cm x 0.25 cm
The sample consisted of a fragment of a fibro plaster material.
Amosite Asbestos Detected

Sample N2083801/7299/26 - Building No.10 - Interior - Original Ceiling Tiles
Approx dimensions 2.5 cm x 1.0 cm x 0.6 cm
The sample consisted of a fragment of a fibrous material containing organic and synthetic mineral fibre like fibres.
No Asbestos Detected

Sample N2083801/7299/27 - Building No. 11 - Entry Awning Ceiling Lining
Approx dimensions 1.1 cm x 0.8 cm x 0.3 cm
The sample consisted of a fragment of a fibro plaster cement material containing organic fibre like fibres.
No Asbestos Detected

Sample N2083801/7299/28 - Building No. 11 - Core to Fire Door - Typical
Approx dimensions 0.5 cm x 0.5 cm x 0.2 cm
The sample consisted of fragments of a soft plaster material containing vermiculite like material.
No Asbestos Detected

Sample N2083801/7299/29 - Building No. 11 - Level 1 - Vinyl Floor Tiles to Corridor Near Old Maintenance Section
Approx dimensions 5.5 cm x 2.0 cm x 0.25 cm
The sample consisted of a fragment of a hard floor tile.
No Asbestos Detected (An independent confirmatory analytical technique is advised due to the nature of the sample)

Sample N2083801/7299/30 - Building No. 12 - Exterior Wall Lining
Approx dimensions 1.0 cm x 0.8 cm x 0.2 cm
The sample consisted of a fragment of a fibro plaster cement material.
Chrysotile Asbestos and Amosite Asbestos Detected

Sample N2083801/7299/31 - Building No. 12 - Original Interior Wall Lining to Offices
Approx dimensions 1.2 cm x 0.85 cm x 0.3 cm
The sample consisted of a fragment of a fibro plaster cement material.
Chrysotile Asbestos Detected

Sample N2083801/7299/32 - Building No. 12 - Internal Wall Lining to Rear Lunch Room
Approx dimensions 0.8 cm x 0.8 cm x 0.3 cm
The sample consisted of a fragment of a fibro plaster cement material.
Chrysotile Asbestos and Amosite Asbestos Detected

Sample N2083801/7299/33 - Building No. 14 - 'Hardiplank' Wall Lining to Upper Section Rear of Building
Approx dimensions 2.0 cm x 1.1 cm x 1.0 cm
The sample consisted of a fragment of a fibro plaster cement material.
Chrysotile Asbestos and Amosite Asbestos Detected

Sample N2083801/7299/34 - Building No. 14 - Original Wall Lining Between at Addition.
Approx dimensions 3.0 cm x 1.0 cm x 0.8 cm
The sample consisted of a fragment of a fibro plaster cement material.
Chrysotile Asbestos and Amosite Asbestos Detected

Sample N2083801/7299/35 - Building No. 17 - Ceiling Tiles to Ground Floor Offices
Approx dimensions 2.2 cm x 1.0 cm x 0.75 cm
The sample consisted of a fragment of a soft plaster material containing synthetic mineral and organic fibre like fibres.
No Asbestos Detected

Sample N2083801/7299/36 - Building No. 17 - Ceiling Lining to First Floor Verandah
Approx dimensions 1.0 cm x 0.8 cm x 0.2 cm
The sample consisted of a fragment of a fibro plaster cement material.
Chrysotile Asbestos Detected

Sample N2083801/7299/37 - Building No. 17 - 'Hardiplank' to First Floor Enclosed Verandah
Approx dimensions 1.1 cm x 1.2 cm x 0.25 cm
The sample consisted of a fragment of a fibro plaster cement material containing organic fibre like fibres.
No Asbestos Detected

Sample N2083801/7299/38 - Building No. 18 - Verandah Ceiling Lining Level 1
Approx dimensions 4.0 cm x 1.5 cm x 0.4 cm
The sample consisted of a fragment of a fibro plaster cement material.
Chrysotile Asbestos and Amosite Asbestos Detected

Sample N2083801/7299/39 - Building No. 19 - Ceiling Lining to Garage Workshop
Approx dimensions 2.5 cm x 0.8 cm x 0.3 cm
The sample consisted of a fragment of a fibro plaster cement material.
Chrysotile Asbestos and Amosite Asbestos Detected

Sample N2083801/7299/40 - Building No. 20 - External Wall Lining to Toilet
Approx dimensions 0.8 cm x 0.8 cm x 0.2 cm
The sample consisted of a fragment of a fibro plaster material containing organic fibre like fibres.
Chrysotile Asbestos Detected

Sample N2083801/7299/41 - Building No. 21 - Eave Lining to Original Part of Building
Approx dimensions 2.0 cm x 1.0 cm x 0.25 cm
The sample consisted of a fragment of a fibro plaster cement material.
Chrysotile Asbestos Detected

Sample N2083801/7299/42 - Building No. 21 - External Wall Lining to Enclosed Verandah (Front / Side)
Approx dimensions 1.0 cm x 1.0 cm x 0.2 cm
The sample consisted of a fragment of a fibro plaster cement material containing organic fibre like fibres.
No Asbestos Detected

Sample N2083801/7383/43 - Level 1 Building No. 4 - Kitchen Entry - Rear Core to Doors
Approx dimensions 0.8 cm x 0.7 cm x 0.2 cm
The sample consisted of a fragment of a fibro plaster material containing organic and synthetic mineral fibre like fibres.
No Asbestos Detected

Sample N2083801/7383/44 - Level 1 Building No. 4 - Core to Entry Doors Chiller Plant Room
Approx dimensions 0.8 cm x 0.5 cm x 0.25 cm
The sample consisted of a fragment of a soft plaster material containing organic fibre like Fibres and vermiculite like material.
No Asbestos Detected

Sample N2083801/7383/45 - Level 1 Building No. 4 - Plant Room - Core to Doors of Old Sub-Station
Approx dimensions 0.6 cm x 0.6 cm x 0.3 cm
The sample consisted of a fragment of a soft plaster material containing organic and synthetic mineral fibre like fibres.
No Asbestos Detected

Sample N2083801/7383/46 - Level 4 Building No. 5 - Old Theatres Insulation to H.W Pipe Above Corridor
Approx dimensions 2.0 cm x 1.8 cm x 0.2 cm
The sample consisted of a fragment of a soft plaster material containing organic fibre like fibres.
No Asbestos Detected

Sample N2083801/7383/47 - Level 4 Building No. 5 - Old Theatres Insulation to H.W. Pipe in Cavity (Fire Wall) Above Corridor
Approx dimensions 2.0 cm x 1.2 cm x 0.3 cm
The sample consisted of fragments of a soft plaster material containing fibres.
Amosite Asbestos Detected

Sample N2083801/7383/48 - Level 4 Building No. 5 - Old Theatres Insulation Contamination in Ceiling Space above Corridors
Approx dimensions 2.0 cm x 2.0 cm x 0.25 cm
The sample consisted of a fragment of a fibro plaster material containing organic fibre like fibres.
No Asbestos Detected

Sample N2083801/7383/49 - Building No. 5 - Plant Room No. 8 - Insulation to Old Steam Pipe in Cavity in Plant Room
Approx dimensions 2.4 cm x 2.0 cm x 0.2 cm
The sample consisted of fragments of a soft plaster material containing fibres.
Amosite Asbestos Detected

Sample N2083801/7383/50 - Level 2 Building No. 5 - Physiotherapy Entry Doors to Treatment Room - Core Material
Approx dimensions 1.1 cm x 0.5 cm x 0.3 cm
The sample consisted of a fragment of a fibro plaster material.
Amosite Asbestos Detected

Sample N2083801/7383/51 - Level 2 Building No. 5 - Physiotherapy - Vermiculite Ceiling (Part) in Treatment Area
Approx dimensions 2.0 cm x 1.3 cm x 0.3 cm
The sample consisted of a fragment of a soft plaster material containing vermiculite like material.
No Asbestos Detected

Sample N2083801/7383/52 - Building No. 7 - Garages - Insulation to Large Pipe Running Along Wall at Rear of Garages
Approx dimensions 2.0 cm x 1.0 cm x 0.25 cm
The sample consisted of fragments of a soft plaster material containing fibres.
Amosite Asbestos Detected

Sample N2083801/7383/53 - Building No. 7 - Insulation to Pipework in Sub-Floor
Approx dimensions 2.0 cm x 1.5 cm x 0.25 cm
The sample consisted of fragments of a soft plaster material containing fibres.
Amosite Asbestos Detected

Sample N2083801/7383/54 - Building No. 7 - Plant Room 1 - Exposed Insulation to Old Steam Pipe in Cavity
Approx dimensions 3.0 cm x 3.0 cm x 0.4 cm
The sample consisted of fragments of a soft plaster material containing fibres.
Amosite Asbestos Detected

HLA-ENVIROSCIENCES PTY LIMITED
Reported by,

Upul Mahen De Silva. BSc. MSc. Grad Dip (Occ Hyg)
Occupational Hygienist / Approved Signatory.
*Sampling procedure not covered by the terms of the accreditation.

NATA Accredited Laboratory Number: 14399