

NAME OF PROJECT: ANTHONY'S FUNERAL HOME

NAME OF DEVELOPER: MR. JACOB M. ANTHONY

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PREPARED ON: AUGUST 09, 2024

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SITE DESCRIPTION

AREA OF INFLUENCE

Spatial Boundaries: The spatial boundaries of Anthony's Funeral Home extend to the immediate area around the funeral home, including the parking area, surrounding streets, and adjacent properties. This encompasses approximately a 2-acre area in the rural area of East – Berbice, Corentyne.

Temporal Boundaries: The temporal boundaries include the entire operational lifespan of the funeral home, from the initial setup and construction phase, through full operation, and any potential future expansions or renovations.

LOCATION

Address: Lot 9 Dingwall Farm, East Berbice – Corentyne, Guyana.

LAND REQUIREMENTS:

Area Occupied: The funeral home occupies a plot of land measuring approximately 0.5 acres. This includes the main building, washroom building, waste tanks, and parking area.

Layout: The main building houses an administrative office, a chapel/viewing room, a preparation room, a freezing room for human remains, a storage room for raw materials and chemicals and storage area/showroom for caskets and memorial wreaths. The layout also includes a reception area for visitors.

IDENTIFICATION OF RECEIVING WATERS

Nearby Water Bodies: The Berbice River is the closest significant water body, located approximately 1 mile west of the funeral home. There are no direct discharge points into the river from the funeral home.

PRESENT LAND USE

Project Area: The land currently houses the funeral home and is zoned for commercial use. The area is developed with necessary infrastructure, including a driveway, electricity, water supply, and drainage systems.

Contiguous Areas: The surrounding area includes a mix of residential, commercial, and agricultural properties. There are no natural reserves adjacent to the funeral home.

INTAKE AND DISCHARGE STRUCTURES:

Existing Structures: The funeral home has an existing water intake connected to the municipal water supply and a discharge system connected to the waste tanks on the premises. There are no significant changes proposed to these systems.

Proposed Structures: No new intake or discharge structures are proposed. Any waste generated from preparation is managed according to local regulations and disposed of through approved methods.

PROJECT DESIGN

DEVELOPMENT STAGES

OPERATION STAGE:

In the funeral home's operational stage daily activities are carried out to serve the community. Administrative tasks include managing records, coordinating with families, scheduling services, and handling financial aspects of funeral planning. The operation stage also encompasses the core services provided by the funeral home, such as conducting funeral ceremonies, and preparing the deceased for viewing. Staff members are trained to handle all processes with sensitivity and professionalism, ensuring that each service is conducted with respect and dignity. The facility must also maintain cleanliness and orderliness, adhering to health and safety regulations to provide a safe environment for staff and visitors alike.

CLOSURE STAGE:

In the event that the funeral home needs to be closed, a careful decommissioning process will be undertaken. This includes the safe and responsible disposal of all materials, particularly any remaining hazardous substances or waste. The closure stage also involves dismantling or repurposing the facility's infrastructure, ensuring that the site is left in a state that is environmentally sound and ready for future use. If possible, the land may be repurposed for other community projects or developments, aligning with local planning regulations and environmental guidelines.

SOURCE OF UTILITY SERVICES

WATER SUPPLY AND TREATMENT:

Anthony's Funeral Home is connected to the municipal water supply, Guyana Water Incorporated, which provides clean, treated water for all operations, including body preparation, cleaning, and sanitation. In areas where water supply might be inconsistent, the facility could utilize water storage tanks to ensure a continuous supply.

ENERGY/ELECTRICITY:

The energy needs of the funeral home are met by the local power grid, Guyana Power and Light Company, ensuring that the facility has a reliable source of electricity for lighting, air conditioning, equipment, and other operational requirements.

COMMUNICATION FACILITIES:

Effective communication is vital for the smooth operation of the funeral home. The facility is equipped with modern communication systems, including phone lines, internet access, and other necessary technologies. These systems enable staff to coordinate with families and service providers, ensuring that all aspects of funeral planning and execution are handled efficiently.

WASTE MANAGEMENT

METHODS OF DISPOSAL/TREATMENT

Anthony's Funeral Home is committed to responsible waste management practices to ensure the safety of the environment and the health of the community. The facility generates several types of waste during its operations, and each type is handled with specific disposal and treatment methods to meet regulatory standards.

Biological Waste:

Biological waste, bodily fluids, and other waste generated during the preparation of bodies, is carefully managed. This waste is collected in a specially designated waste tank within the facility. To ensure proper disposal, this waste tank is regularly emptied by CeVons Waste Management, a licensed waste management service. CeVons handles the transportation and disposal of the biological waste in accordance with local health and environmental regulations, ensuring that it is treated and disposed of safely and hygienically.

Hazardous Waste:

Hazardous waste, and other chemicals used during the body preparation process, is treated with the utmost care. These materials are stored in clearly labeled, leak-proof containers designed to prevent spills and contamination.

General Waste:

General waste generated by the funeral home's day-to-day operations includes non-hazardous materials such as paper, packaging, and office supplies. This waste is collected in standard waste bins located throughout the facility. Regular waste collection services provided by the local municipality handle the disposal of general waste. This helps to reduce the overall environmental impact of the funeral home's operations.

By implementing these waste disposal and treatment methods, Anthony's Funeral Home ensures that all waste is managed in a way that protects the environment and public health, while also complying with all relevant laws and regulations. Regular audits and maintenance of waste management systems are conducted to ensure their ongoing effectiveness and compliance.

PROJECT SIZE

CAPITAL INVESTMENT:

The estimated Capital investment for the project is 25 million GYD.

NUMBER OF EMPLOYEES:

Currently there are 5 staff members during full operation.

RATES OF PRODUCTION:

Funeral services conducted as needed, based on community demand.

PROJECT SUMMARY

Anthony's Funeral Home is a facility dedicated to supporting families and the community during some of life's most challenging moments. Situated in the serene environment of East Berbice-Corentyne, the funeral home is committed to providing comprehensive and respectful funeral services tailored to meet the diverse needs of the community.

The facility includes various key areas, each serving a specific purpose. The building features an office where families can meet with staff to discuss and plan the funeral arrangements in a private and supportive setting. The chapel provides a peaceful space for holding religious or secular ceremonies, accommodating gatherings of various sizes. In addition to these spaces, the funeral home is equipped with state-of-the-art facilities for body preparation, including cosmetic services, ensuring that loved ones are cared for with the utmost dignity.

The project emphasizes not only the provision of essential funeral services but also the creation of a space that is welcoming, respectful, and sensitive to the emotional needs of grieving families. The operation of this facility aims to ensure that all aspects of the funeral process are handled with professionalism, compassion, and care, providing much-needed support to families during their time of loss.

DURATION OF THE PROJECT

OPERATIONAL PHASE:

Ongoing and indefinite, dependent on community needs.

CLOSURE PHASE:

If applicable, decommissioning may take 6 months.

POTENTIAL EFFECTS ON THE ENVIRONMENT

LAND: Minimal impact, with careful management of landscaping and infrastructure.

SOIL: Minimal soil disruption during operation, mitigated by proper management.

WATER: Anthony's Funeral Home employs a specialized water tank for the collection and secure storage of wastewater generated during body preparation. This tank is made from durable, non-reactive materials, ensuring that all waste is safely contained and preventing any potential contamination of the clean water supply or surrounding environment. Once the tank reaches capacity, a licensed waste disposal service, empties the tank and transports the wastewater to an authorized facility. This ensures that the waste is being safely discharged, thereby protecting both public health and the local ecosystem from contamination.

AIR: Minimal emissions during operational period, managed by proper management.

USE OF NATURAL RESOURCES:

Consumption of water and energy within sustainable limits.

PROPOSED PLANS TO MITIGATE ENVIRONMENTAL IMPACTS

To mitigate the environmental impacts associated with Anthony's Funeral Home, several comprehensive measures will be implemented. For land management, landscaping with native plants will be used to maintain the natural habitat and reduce ecological disruption. Soil erosion during construction will be controlled through best practices such as silt fences and proper grading techniques. In terms of water management, stringent protocols will be in place to handle waste, especially from preparation processes, ensuring no contamination of local water bodies like the nearby rivers and canals. All waste will be treated and disposed of in accordance with local health regulations, and regular monitoring will be conducted to ensure compliance.

Air quality will be managed by implementing dust control measures during the construction phase, including the use of water sprays and covering materials. Additionally, energy-efficient systems and backup generators will be utilized to minimize emissions during operation. To ensure the sustainable use of natural resources, the funeral home will monitor its water and energy consumption, aiming to minimize waste and improve efficiency wherever possible. By integrating these mitigation strategies, Anthony's Funeral Home aims to minimize its environmental footprint while providing essential services to the community.