



Dressed and Undressed Lumber, Sand,  
Stone and Road Building Materials

## PROJECT SUMMARY

**Name of Project:** Operation of an Asphalt Plant at Grant 2267,  
Moleson Creek, C/tyne, B/ce.

**Name of Developer:** Imraan Shaffeeullah

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**Date Prepared:** 20 March 2024

**Prepared By:**

Shaffeeullah Sawmill  
Grant 1806, Crabwood Creek  
Phone: 339-2356, 610-9171

Environmental Protection Agency

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APR 04 2024

John Whim Office



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### **Description of the Site:**

- Area of Influence: Immediate surroundings of the asphalt plant facility.
- Location: Grant 2267, Moleson Creek, C/tyne, B/ce.
- Land Requirements:
  - The total area occupied by the asphalt plant is  $\frac{1}{4}$  Acers.
  - The total Area of the compound is 22.12 Acers
- Layout: (see attached)
  - FIGURE 1 – Map Showing Layout of surrounding Areas:
  - FIGURE 2 – Site Plan Showing Layout of Operation.
- Receiving Waters: NIL
- Present Land Use: The land was previously unused and overtaken by bushes. The surrounding areas are primarily used for agricultural farming and very minimal residential activities.
- Intake and Discharge Structures: Drains will be constructed to allow for drainage of septic water and water from the oil/water separator, these will lead to drains along the public road.

### **Project Design:**

- Development Stages: Land clearing and filling, setting up of plant, commissioning, operation, and ongoing maintenance
- Activities: Clearing of bushes and vegetation within the vicinity of the Plant and land filling for foundation, Installation of the Barber Green DM55 Asphalt Plant, operation of asphalt production processes, transportation of materials, and ongoing maintenance of equipment
- Source of Utility Services: water from GWI and energy by the use of generators with minimal environmental impacts.



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- Waste Management: domestic waste is transported out of the asphalt plant using our pick-up trucks and disposed of at an approved dump site.
- Project Size:
  - Capital investment for acquiring plant: \$ 15,000,000.00 GYD.
  - Investment for setting up of plant: \$ 5,000,000.00 GYD.

### **Non-Technical Explanation:**

The Barber Green DM55 Asphalt Plant, commissioned in September 2022, is an essential component of our operations at Shaffeeullah Sawmill. It allows us to produce asphalt for road construction projects while ensuring minimal harm to the environment.

### **Duration of Project:**

- Land preparation Phase: 1 week
- Setting up of plant Phase: 3 weeks
- Testing Phase: 3 days
- Operation Phase: Ongoing
- Maintenance Phase: Ongoing

### **Potential Effects on the Environment:**

- Land: Minimal disturbance during construction and operation.
- Soil: Prevention of soil contamination through proper waste management practices
- Water: Implementation of water treatment systems to prevent pollution of nearby water bodies



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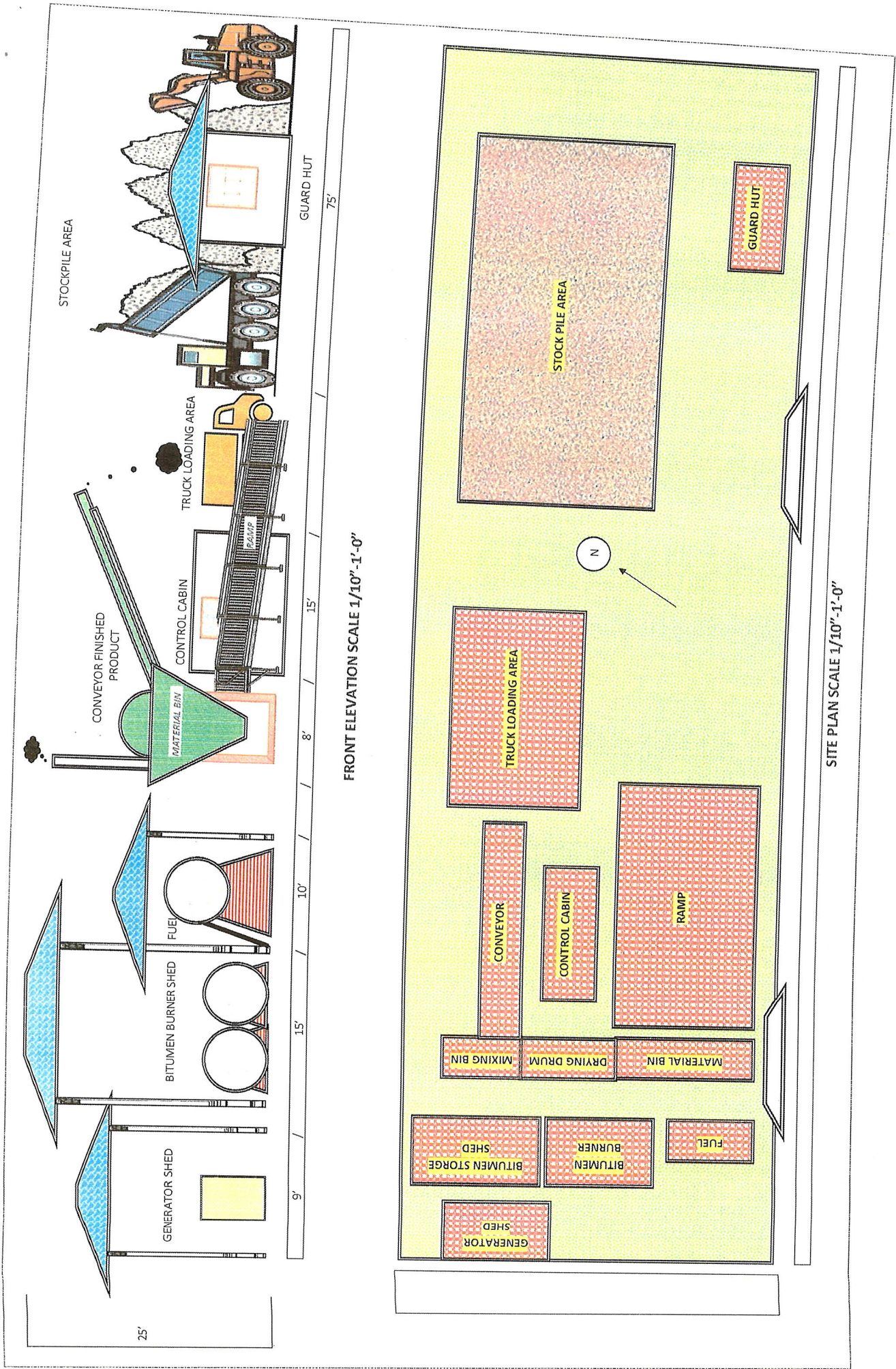
- Air: Use of settling pond to reduce air pollutants generated by the asphalt plant
- Natural Resources: Sustainable sourcing of raw materials and resource management to minimize environmental impact

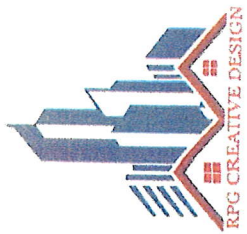
### **Proposed Plans to Mitigate Environmental Impacts:**

- Land: Restoration of disturbed areas and implementation of land conservation measures
- Soil: Monitoring soil quality and implementing erosion control measures
- Water: Installation of water treatment facilities to ensure discharge meets environmental standards
- Air: Implementation of settling pond and regular air quality monitoring
- Natural Resources: Sustainable sourcing of raw materials and reforestation efforts to mitigate impact on natural habitats

This project summary outlines our commitment to operate the Barber Green DM55 Asphalt Plant in an environmentally responsible manner, ensuring minimal harm to the surrounding ecosystem while meeting the demands of road construction projects.

FIGURE 2





**SITE PLAN AND ELEVATION SHOWING PROPOSED ASPHALT PLANT**

**OWNER:** IMPAAN SHAFFUELLAH  
**ADDRESS:** GRANT 2267, MOLESON CREEK, CITYME, BICE.  
**DRAWN BY:** MRS. R. PERSAUD-GOOLCHARAN - SIGNATURE:  
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