

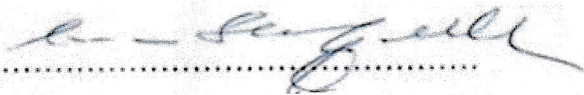
PROJECT SUMMARY

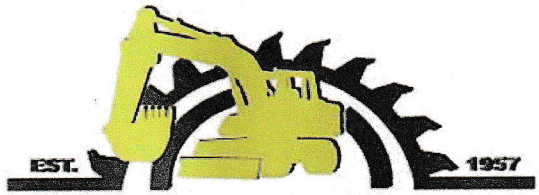
Name of Project: Operation of a Sawmill at Lot 54 Grant 1805,
CWC, C/tyne, B/ce (formerly Deen's Sawmill)

Name of Developer: Imraan Shaffeeullah

Contact Details: Tel: 335-0300, 610-9171
Email: shafsaw@yahoo.com

Date Prepared: 19 August 2024

Prepared By: 



SHAFFEULLAHSAWMILLS

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

Description of the Site:

- Area of Influence: Immediate surroundings of the sawmill facility
- Location: Lot 54 Grant 1805, Crabwood Creek, Corentyne, Berbice, Region No.6
- Land Requirements:
 - The total Area occupied by the sawmill is 19,840 sqft,
 - The total Area of the sawmill compound is 4.3328 Acers.
- Layout:



• FIGURE 1 – Map Showing Layout of surrounding Areas



- **FIGURE 2 – Site Plan Showing Layout of Operation (Attached)**

- Receiving Waters: Corentyne River. The river is utilized for transporting logs from our concession to the sawmill.
- Present Land Use: Past operations of Deen's Sawmill, the surrounding land are primarily used as residential areas.
- Intake and Discharge Structures: Domestic water is drained into perimeter drains.
- Surrounding Land:
 - East: Corentyne River
 - West: Sideline followed by residential houses
 - North: Residential houses
 - South: Empty land followed by residential houses

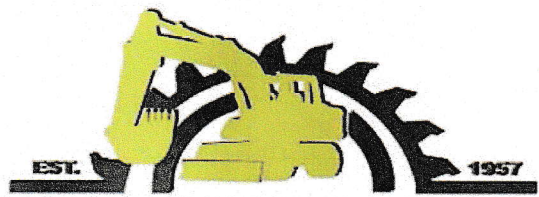
Project Design:

- Development Stages & Activities:

ITEM	DEVELOPMENT STAGE	DURATION	ACTIVITIES
1.	Rehabilitation	4 months	Repair and upgrade the existing structures of the old sawmill by removing deteriorated wooden elements and replacing them with new materials, servicing and refurbishing old equipment, and maintaining iron components.
2.	Modernization	3 months	Installing modern generators, sawing equipment, front end loaders and excavators.
3.	Operation	Ongoing	The sawmill will be operated with new equipment and in accordance with sustainable forestry practices. The operational process will be as follows: Logs will be placed on the staging area using excavators and front-end loaders. These logs will then be cut into blocks using a circular saw and a cook's saw. The blocks will subsequently be further processed into lumber with a gang saw. Following this, the lumber will be dressed with a sawmill planer to achieve the desired finish. Finally, the finished lumber will be measured and marketed for sale in the local market.
4.	Ongoing Maintenance	Ongoing	Consistent upkeep of equipment and performance of minor repairs as needed.

- Source of Utility Services:

- Water: supplied from the Guyana Water Inc. Used for domestic purposes.
- Energy: - supplied from the Guyana Power & Light, used for basic lighting.
- Generators. Used to power sawing and processing equipment.



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- Waste Management:

- Domestic Waste: Collected weekly by Crabwood Creek/Moleson Creek NDC.
- Other types of waste include:
 - Sawdust: donated to the local chicken farms
 - Strips & slabs: sold or used for land filling

- Project Size:

- Capital investment for acquiring sawmill: \$ 39,000,000.00 GYD.
- Investment for rehabilitation and modernization: \$ 20,000,000.00 GYD.
- Projected Turnover: GYD 32,000,000.00 annually.
- Number of Employees: 10 employees.

Non-Technical Explanation:

We acquired the former Deen's Sawmill in July 2023 and have since been focused on rehabilitating the existing structure and modernizing the equipment used in our operations. Our goal is to ensure that the sawmill operates efficiently while minimizing harm to the environment.

Potential Effects on the Environment:

- Air Quality:

- Impact: Emissions from sawmill operations could include particulate matter and volatile organic compounds.
- Mitigation: Installation of dust collectors and ventilation systems. Regular monitoring and maintenance of air quality.



- Water Quality:

- Impact: Sawmill operations may influence water quality in the Corentyne River due to activities associated with log transport and site management.
- Mitigation: Use of perimeter drains to manage and control runoff. Regular monitoring of water quality in the receiving river.

- Hazardous Waste:

- Impact: Potential hazardous materials from maintenance or old equipment.
- Mitigation: Proper handling and disposal of hazardous waste. Employee training on hazardous material management.

- Waste Management:

- Impact: Generation of wood chips, sawdust, and general waste.
- Mitigation: Efficient waste management, including recycling of wood waste and regular collection of domestic waste.

- Noise Management:

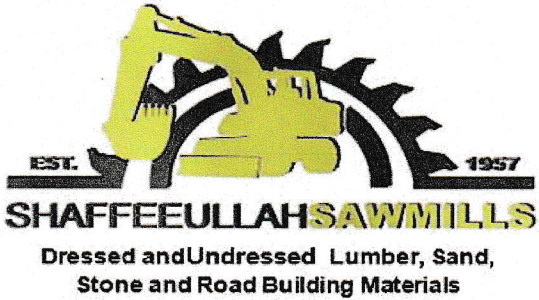
- Impact: Noise from sawmill operations could affect nearby residential areas.
- Mitigation: Installation of noise barriers and regular maintenance of machinery. Noise assessments to ensure compliance with local regulations.

- Fuel Storage:

- Impact: Risk of spills or leaks from fuel used for generators and equipment.
- Mitigation: Safe storage practices with secondary containment. Regular inspections and maintenance of fuel storage facilities.

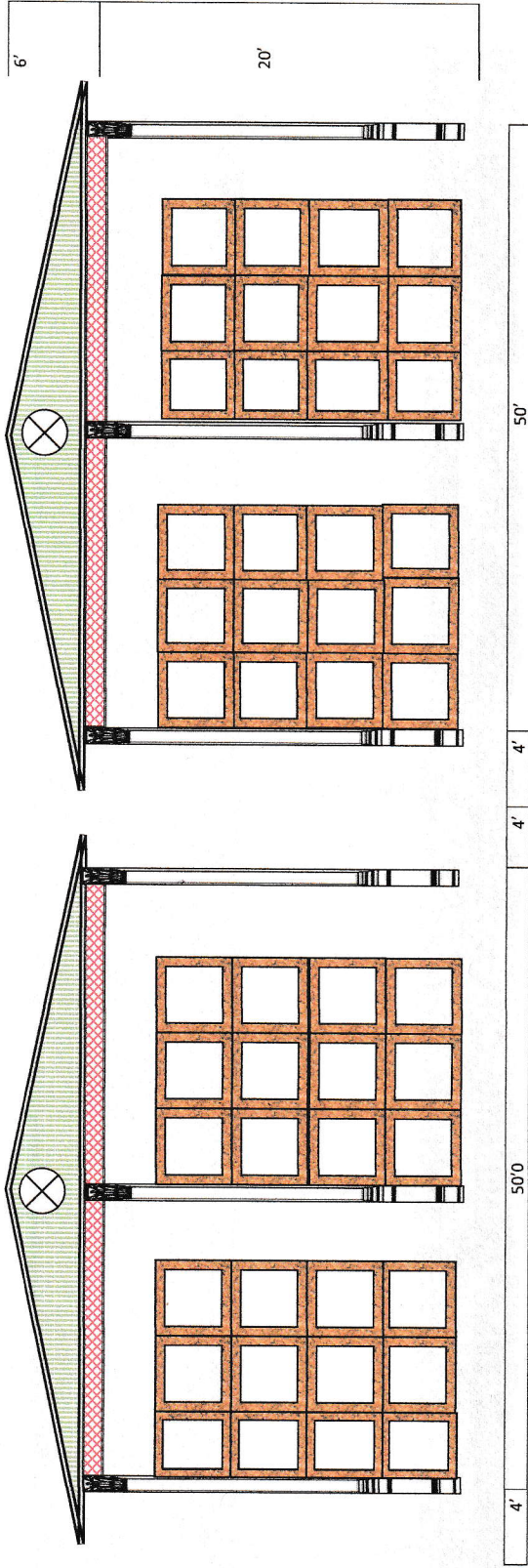
Proposed Plans to Mitigate Environmental Impacts:

- Land: Rehabilitation of disturbed areas and implementation of land restoration measures.

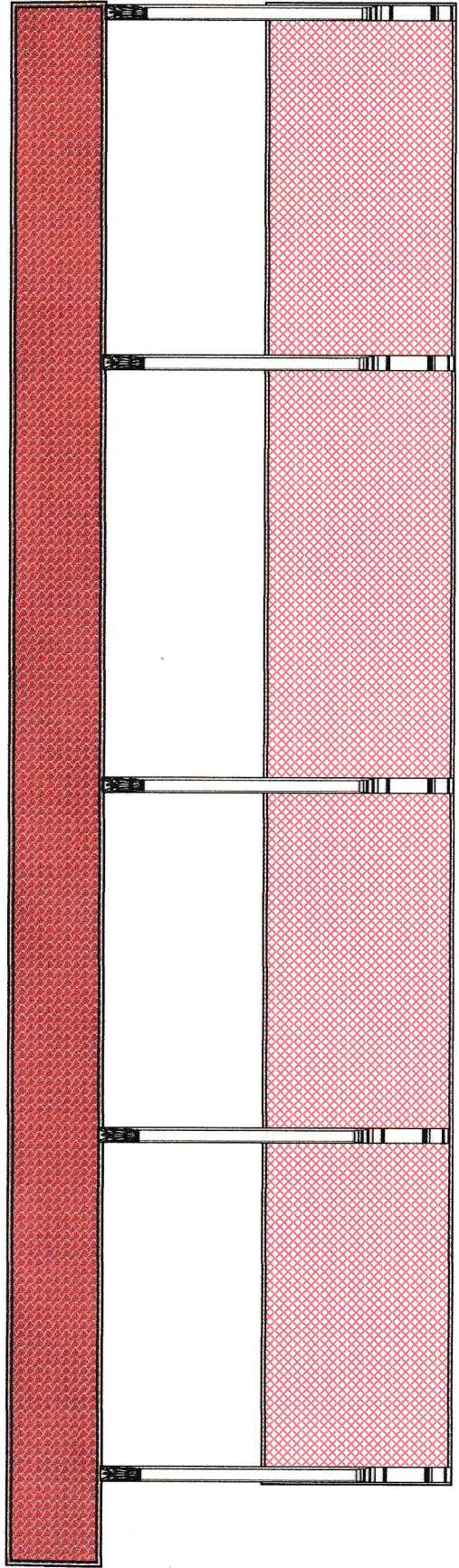


- Soil: Soil conservation practices and regular monitoring of soil quality.
- Air: Use of emission control technologies and regular air quality monitoring.
- Water: Measures to manage runoff and regular monitoring of water quality.
- Waste Management: Proper disposal and recycling of waste, regular waste collection.
- Noise Management: Noise control technologies and regular noise assessments.
- Fuel Storage: Implementation of safety protocols and regular maintenance of storage facilities.

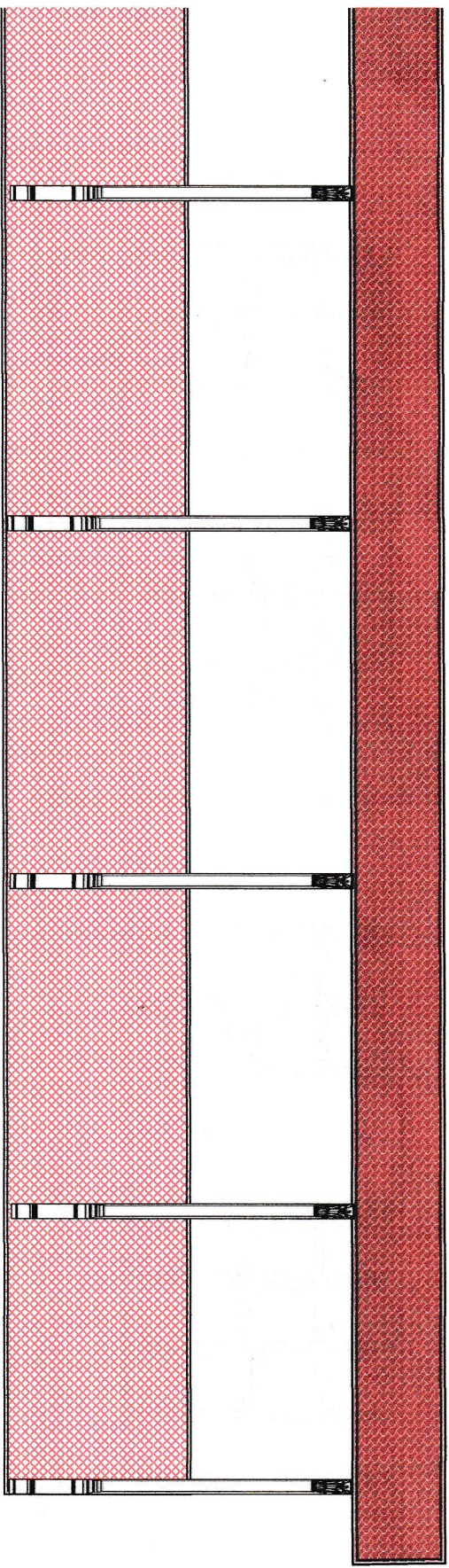
This project summary outlines our commitment to operate Shaffeeullah Sawmill in an environmentally responsible manner, minimizing harm to the surrounding ecosystem while ensuring operational efficiency and sustainability.



SIDE ELEVATION SCALE 1/5"=1'-0"



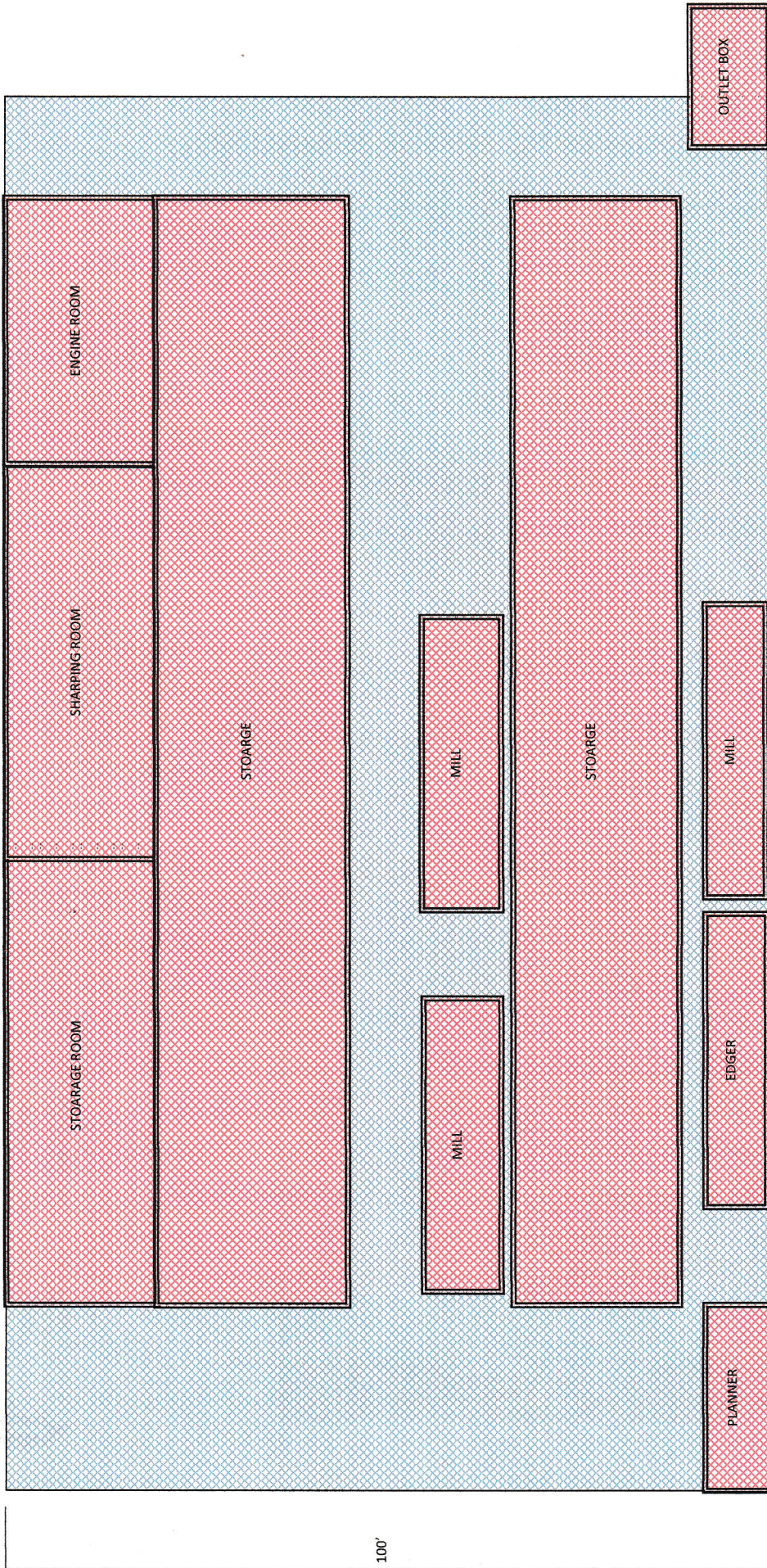
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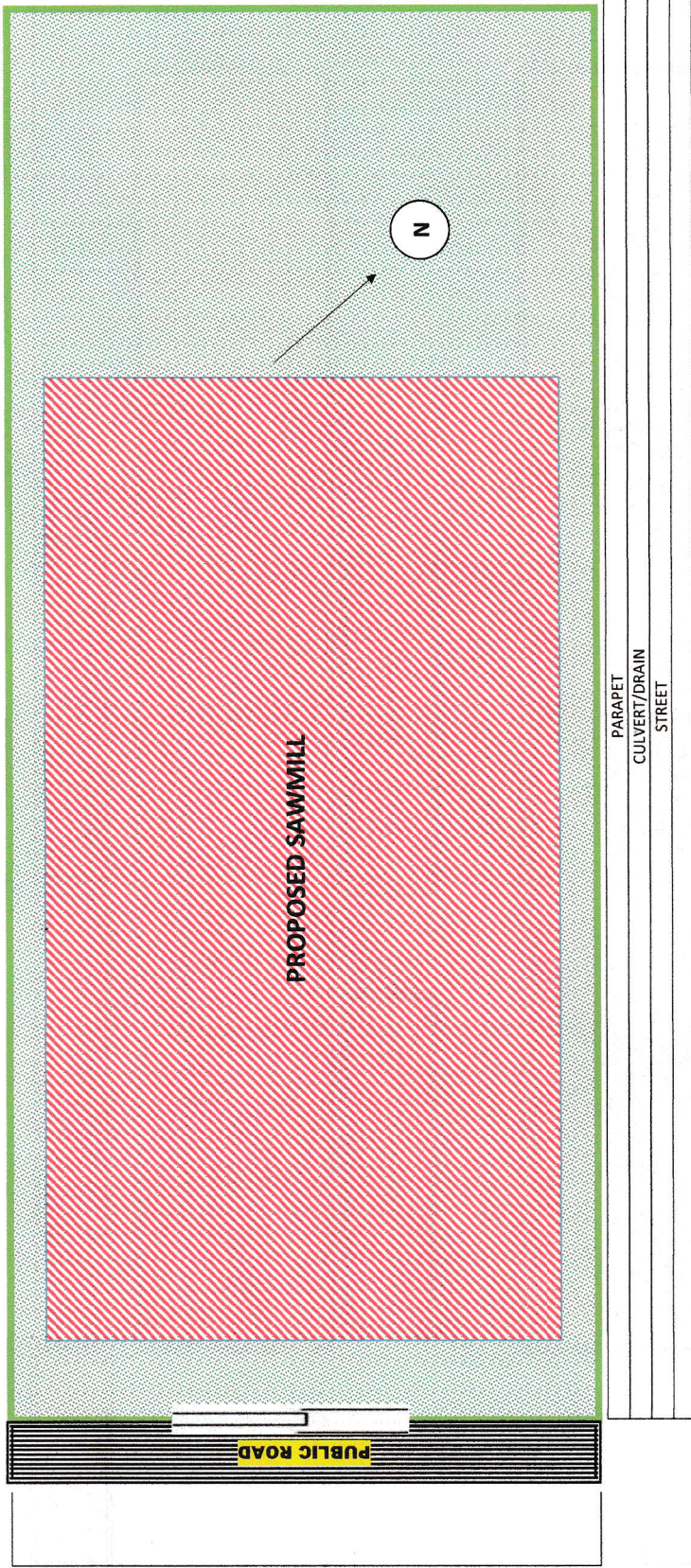
6'

20'

220'



GROUND SCALE 1/2"-1'-0"



DESCRIPTION: PLAN AND ELEVATION SHOWING PROPOSED SAWMILL
 OWNER: GRANT, CRAWWOOD CREEK, CORENTYNE, BERBICE
 ADDRESS:
 PREPARED BY:

