

JANUARY 8, 2023



New Hope
Dialysis Centre - Guyana.

NEW HOPE DIALYSIS CENTRE

DEVELOPMENT PLAN

DILBERT PRINCE

NEW HOPE DIALYSIS CENTRE GUYANA
H New Road, Vreed-En-Hoop, WCD GUYANA

1. The New Hope Dialysis Centre site is at Lot H New Road, Vreed-En-Hoop, West Coast Demerara. This Address is a private Residence with the following:
 - I. A family home at the upper level,
 - II. A Hair Salon on the Lower Left
 - III. A space (To be Rented for New Hope Dialysis Centre) Located on the Right of the Address
 - IV. At the rear of the Lot, in the same compound, there is another private family Residence with upper and Lower family existence.
 - V. A Food Snackette is located at the front of the premises, accessible from the main road.
 - VI. On the Right of the above Address is NDS Furniture Establishment and on the Left, separated by a private driveway, are private homes with Mechanic/AC repair businesses.
 - VII. See information on Map in Attachment 1.1

2. *Project Design*
See Attachment 1.2

Construction of this Project will follow the stages set out by the development plan to achieve the appropriate outcome. The set stages are put in place to get to the launch date of May-June 2022. Should there be any setback due to unforeseen circumstances, please consult with the management of NHDC for the appropriate guidance. Work days are from 8 am to 4 pm – Overtime will be paid only if necessary to complete any stage on time.

Phase 1 (One (1) Week)

Demolishing of the Centre:

- Removing all wall
- Dismantling of the counter/bar
- Dismantling of the additional storage
- Break down the sink table
- Remove all Waste and prepare the area for drywall
- Preparing the floor for industrial vinyl

Phase 2 (Two (2) weeks)

Preparing the storage

- Patching of the floor tiles with any colour of similar size
- Framing of the walls for storage (4.816m x 5.974m) / (34.6 Sqm) Extended Kitchen-new addition
- Drywalling and Compounding
- Shifting of supplies into the erected storage area

Phase 3 (Two (2) Weeks)

Preparing the office and reception area according to the plan (layout)

- Framing of the walls
- Framing of reception for imported reception Desk (L.2.59m", W.0.999m" H.1.1m")
- Dr. Office Space (2.794m X 2.44m)
- Clean Utility Room (2.794m X 1.524m)
- Staff Lounge (2.794m X 1.88m)
- Reception (2.804m x 2.560m)
- The top of the reception will have a dropdown circular Celin similar to the size of the reception, appearing like a shade projecting 2' outward from the reception
- Drywalling and Compounding

Phase 4 (Three (3) Weeks)

Preparing the Clinical Area/Treatment Area

- Framing of short walls (H 1206.5 mm X L.1511.3 mm)
- Designing in-wall structure for Safety (L 609.6 mm") rails. (H 914.4 mm)
- Preparing in-wall structure for TV mount
- Preparing wall structure for Plexin Glass (H 1219.2 mm' X W. 762 mm)
- The frame is to be sourced externally (Aluminum/Wood)
- The back Wall on the right of the treatment area will be prepared, mounting off the wall with drywall – 4" to accommodate water lines and electrical lines in the wall.

Phase 5 (Three (3) Weeks)

Electrical installation:

- Preparing back walls for the electrical outlets (Need Wall Box for all outlets (15 & 20 Amp)
- Replacing the damaged Celin tiles and removing the lighting fixture from the Celin
- Pot lights 6" to be installed

Phase 6 (Two (2) Weeks)

Preparing Water treatment room (5.664 m x 4.877 m)

- Erecting the floor foundation and Wall Frame
- Installing the RO Machine imported from India
- Completing the walls and Roof of the Treatment Room.

Phase 7 (Two (2) Weeks)

Surfacing all floors with Industrial Vinyl (Imported to China)

Phase 8 (Three (3) Weeks)

- Preparing platform for Generator (4.27 m x 4.877 m) / (20 Sqm)
- Installing Generator Weight (2,640 Kg) Imported from China
- Completing the Garbage Storage Room
- Installing the Water Storage Tanks
- Connecting Water from Source (GWI Main) Front of Building

The project Construction Conclusion in the May-June 2022

1. Source of utility services for Lot H New Road, Vreed-En-Hoop, WCD Guyana.

- a. The Water Source is GWA - premises accounted to Ms. Sharon Shivnath
- b. The Electricity is Primarily supplied by GPL and by a personal Backup Generator
- c. Telephone and Internet by GTT Communications

2. The Waste Management of the intended business will be both Solid and Liquid:

I. Solid Waste

- a. Regular Waste is stored in black garbage bins
- b. Medical Waste: is stored in yellow garbage bags secured in yellow bins
- c. All Waste is picked up and disposed of by Pooran Brothers Garbage Disposal

II. Liquid Waste

- a. Blood and byproducts Are captured in the machine's drain bags and are subsequently emptied in the regular house disposal.

- b. The dialysis machines process other liquid Waste before exiting the building through separated drain lines to the primary drainage system.
 - c. The machine is disinfected using regular household bleach that is released into the standard drain system
3. Capital investment for this undertaking: (In approximation)
 - a. USD 350,000 (GYD 70,000,000)
 - b. Intended number of Employees (Operation Staff) 15-20 Employees
 - c. Employee growth is dependent on the patient increase (3:1) Patient Staff Ratio

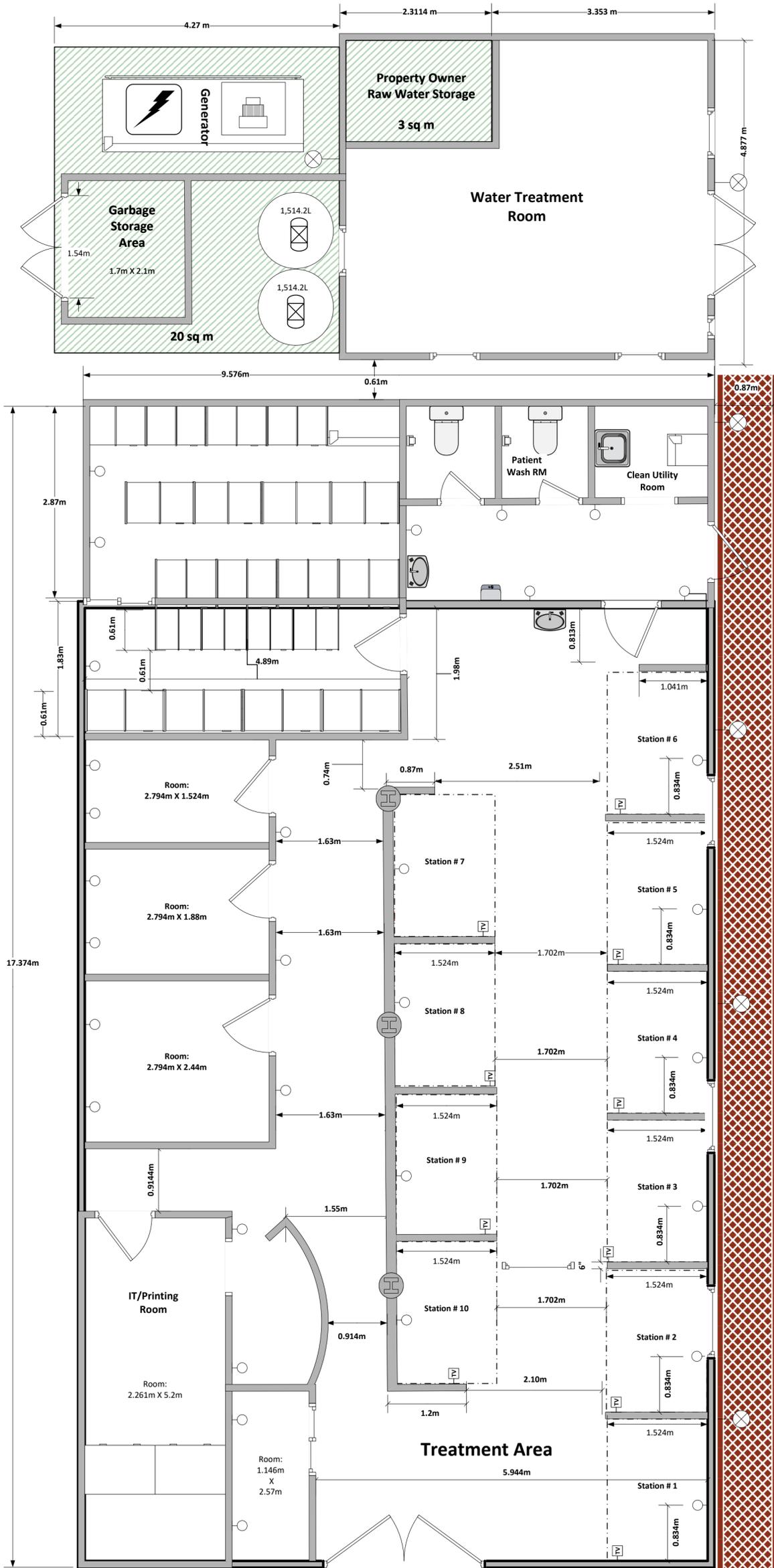
The Project will follow the stages described in the development plan precisely. This Project is expected to renovate the restaurant space of Lot H New Road, Vreed-En-Hoop, WCD, making it Guyana's #1 State of Art Dialysis Treatment Centre. The Renovation will dismantle all existing structures in the Restaurant and transforming it into a ten (10) Station Dialysis Clinic. The Clinic will have a contain Medical Supply Storage, a Washroom (Male/Female for both staff and clients) Clean Utility Room for Cleaning equipment and Supplies, A Staff Lounge where the team will recreate during their need recess/break time, a Doctors' Office for the Resident Doctor to talk to patients, a reception cubicle, a Printing Room where all documents are processed. A waiting area for patients and their relatives to convene while they wait for service or their family members.

The Project will also erect a new building at the rear of the existing building to accommodate a double pass reverse osmosis machine to supply the Clinic with water for Dialysis, a platform to mount a 125 KVA Diesel Generator, a Medical Waste Management Room and a secured area for Source Water Storage Tanks. Upon completion of this Project, the community of West Coast Demerara, Vreed En Hoop, will be in benefit from the needed service of Dialysis for patients with chronic kidney disease CKD, Employment for citizens, an increase in local businesses and many more.

The environmental impact of the Dialysis Centre in the Location of the Address is non-impacting, as was described in the Solid and Liquid waste management. The Electrical and Water consumption is manageable by the present GPL AND GWA service provision. The Generator installed is a silent type device intended to supply all the family existence on the immediate property during the primary source of a power outage. The presence of the Treatment Centre is a developmental addition to the town of Vreed-En-Hoop West Coast Demerara.

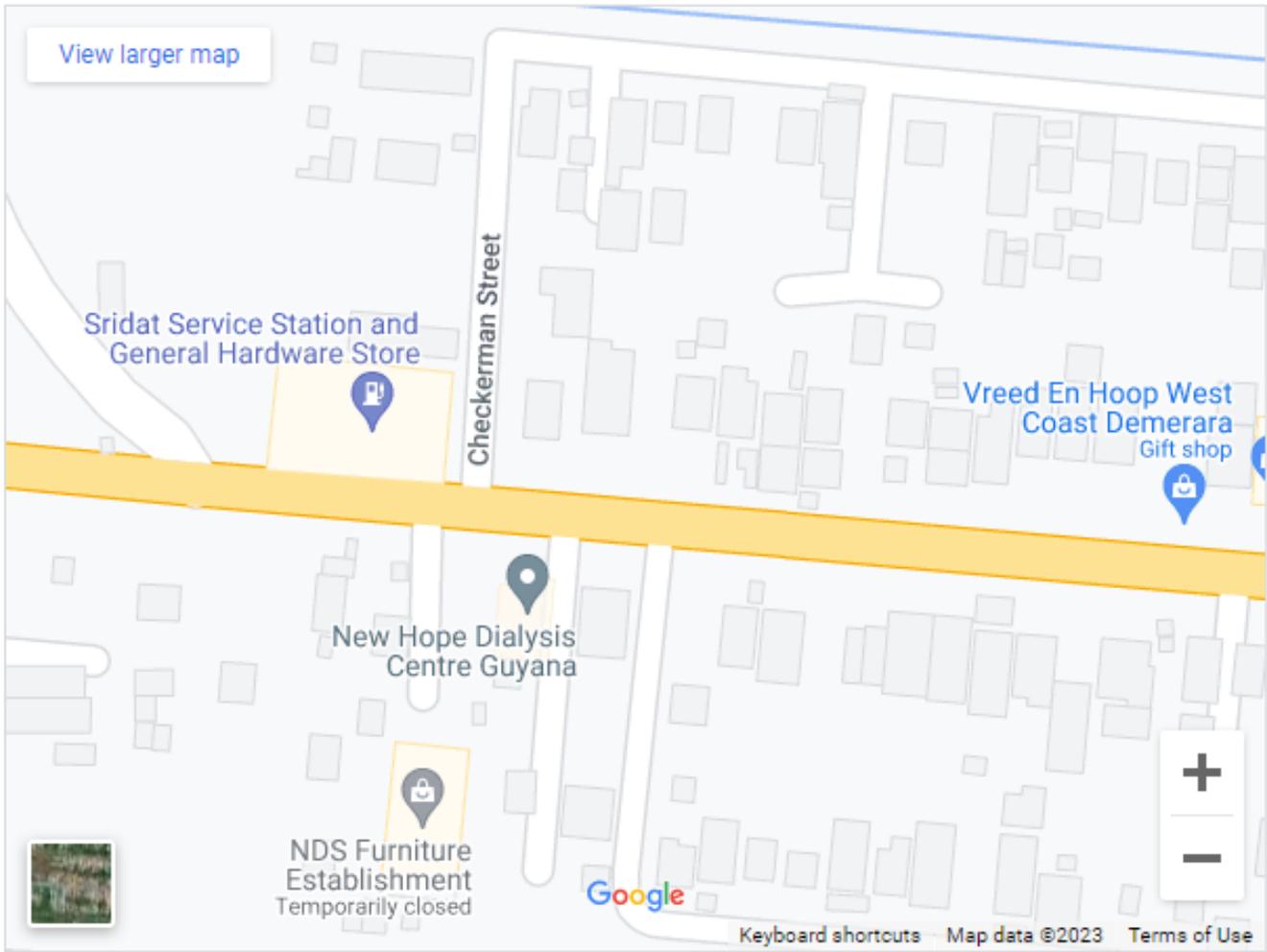
The New Hope Management plans to continue to care for and maintain the immediate drainage and soakaways to ensure no stagnation is encouraged. Proper control will be in place to ensure chemicals are being released into the drainage/soakaways within the limits of the international Environmental Protection quantities. This will be guaranteed by caring for and maintaining the machines responsible for the quantitative release of chemicals into the drainage/soakaways. Standard SOPs for disinfection Pre and Post-treatments are already in place. MSDS for all chemicals are in place to provide immediate action should there be any internal or external need.

**Project Design:
Attachment # 1.2**



REV.	DESCRIPTION	DATE	BY
003	New Hope Dialysis Centre – Vreed en Hoop	January 6, 2023	Dilbert Prince
FULL FILENAME NEW HOPE DIALYSIS CENTRE DRAWING			

Attachment 1.1 Normal View



Attachment 1.1 Sat View

