Name of the Project:	**AGT Assuria Georgetown**
Developer:	**Assuria General GY Inc.**
Contact details:	**Lot 133 Church Street, South Cummingsburg, Georgetown.** **Tel No. 226-7052, Fax No. 226-7123** **e.mail** – y.arjune@assuria.sr
Prepared by:	**Yogindra Arjune**
Date:	**2021.05.17**

Project Guyana New Head Office

This project regards building of a head office for Assuria Guyana (AGY). This building will consist of 5 floors with a roof top (including floor 0). The building is owned by Assuria General GY Inc and will be used for offices.

The size of the building will be 1,364.80 m2.

The total costs inclusive project management is approx. USD 3.5 million.

Construction period is 14 months

Primary Contractor is: NABI Construction Inc.

LAYOUT/OVERZICHT

NOTES/NOTITIES

LEGENDA/LEGENDA

- Denotes iron paal G M & R
- Denotes nail in conc. L W C
- Denotes wood paal L W C
- Property line
- Building line

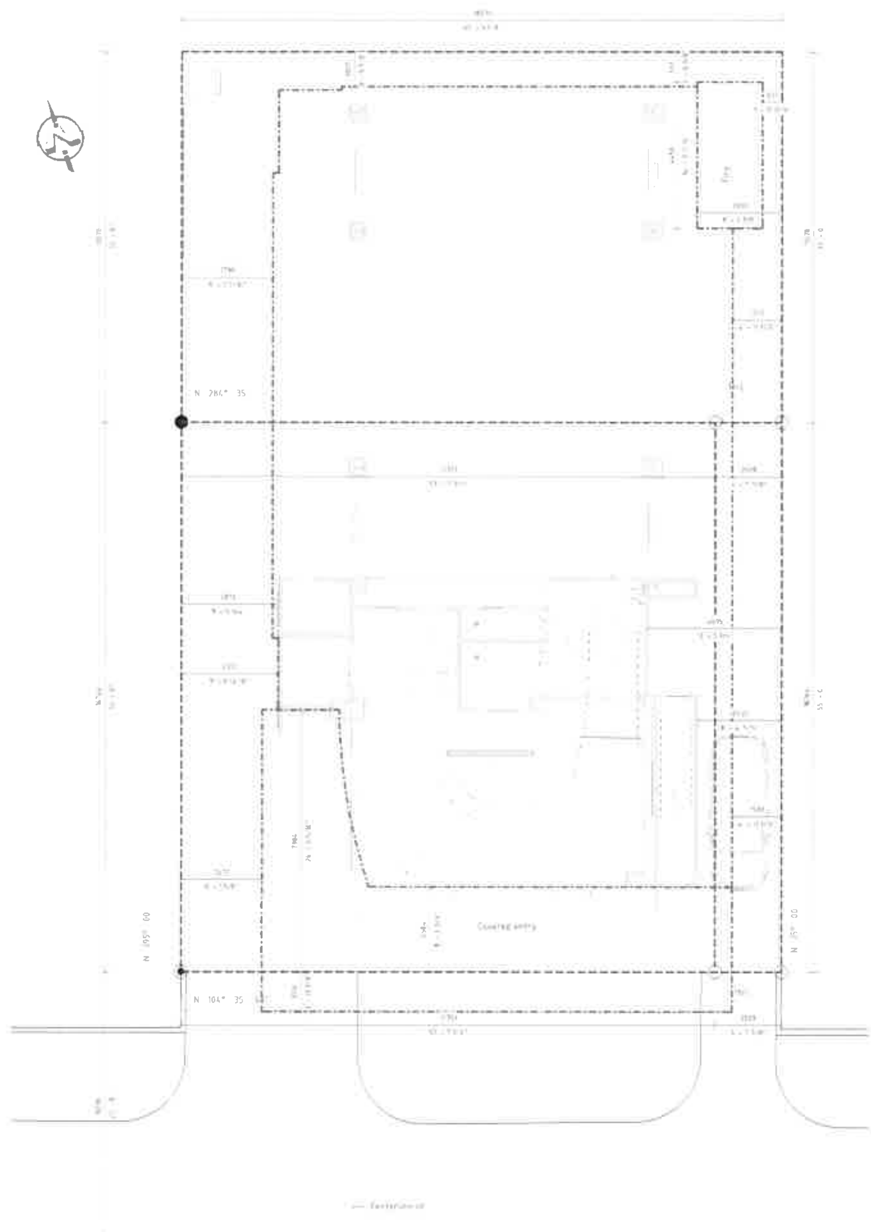
FIRM Engineering N.V.

Assuria Life (GY) Inc.

Detail Design

Assuria Georgetown Guyana

Site plan on MAPS



LAYOUT/OVERZICHT

NOTES/NOTITIES

LEGEND/LEGENDA

- Denotes iron paal G M E R
- Denotes nail in conc L W C
- Denotes wood paal L W C
- Property line
- Building line

For Construction
18-02-2021

FIRM Engineering N.V.

Assuria Life (GY) Inc.

Detail Design

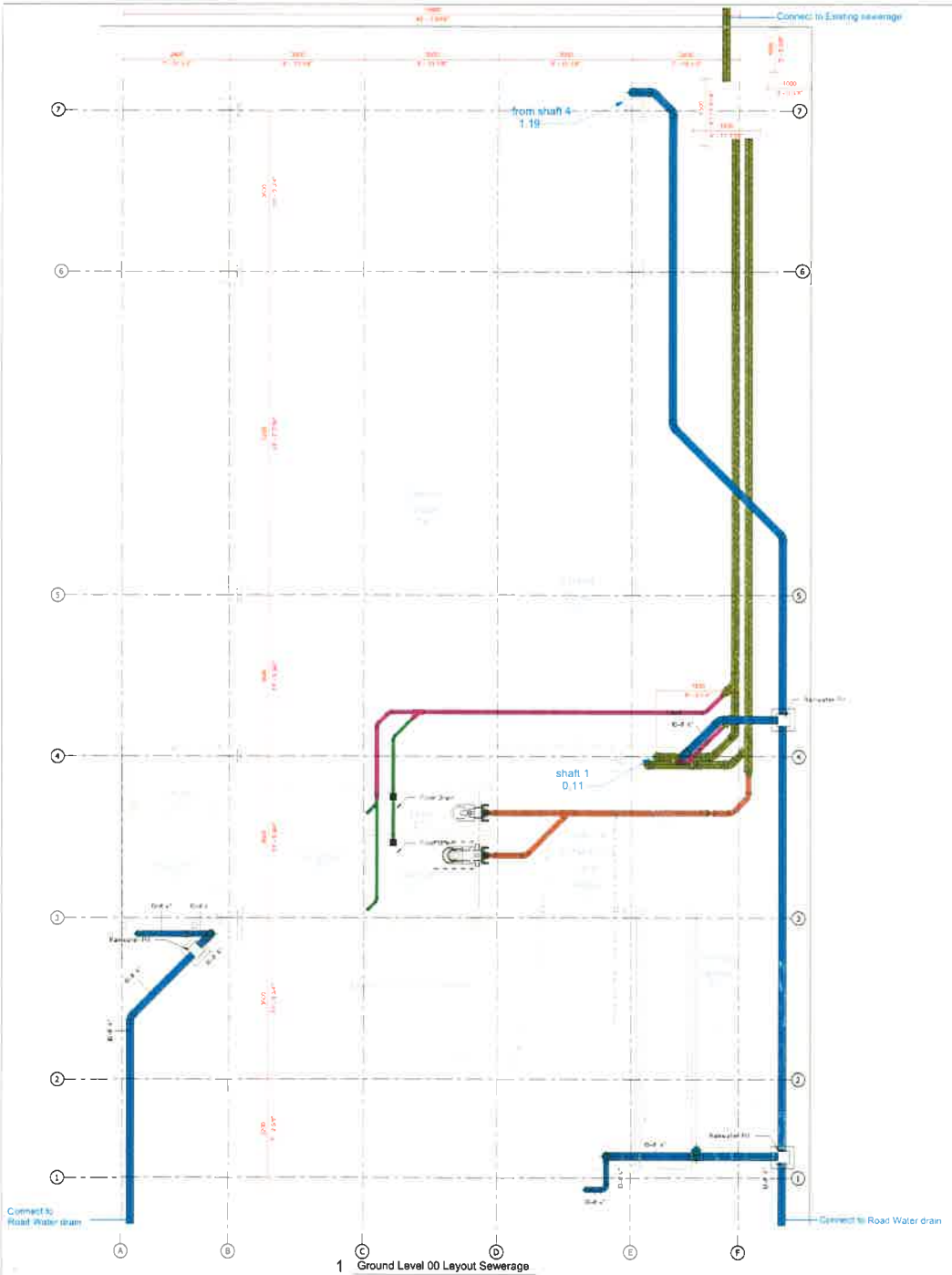
Assuria Georgetown Guyana

Site plan

A1

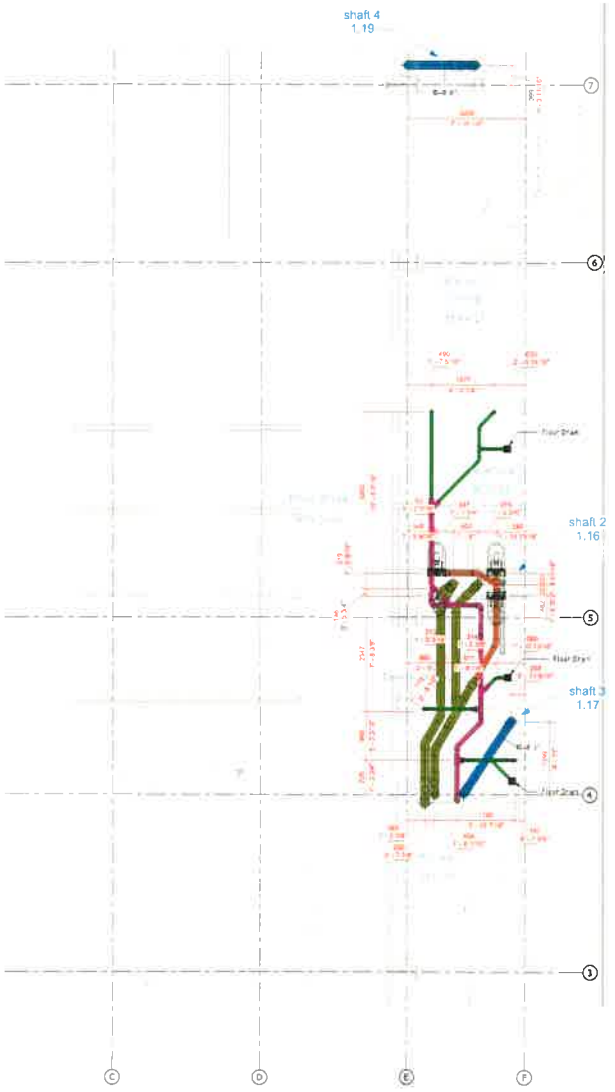
1135-AST

DE 100



1 Ground Level 00 Layout Sewerage

1 : 50



2 Floor 01 Layout Sewerage

1 : 50

LAYOUT/OVERZICHT

NOTES/NOTITIES

1. Horizontal pipes should have a slope of 0.5% unless noted otherwise
2. Support of the pipes are not drawn
3. Install joints on near pipe for rainwater and sewage drainage

LEGEND/LEGENDA

- Sink
- Washing
- Urinal
- Toilet
- Sewage PVC 2"
- Sewage PVC 3"
- Sewage PVC 4"
- Sewage PVC 6"
- Storm water drain PVC 6

For Construction
12-05-2023

FIRM Engineering N.V.

Assuria Life (GY) Inc.

Detail Design

PROJECT
Assuria Georgetown Guyana

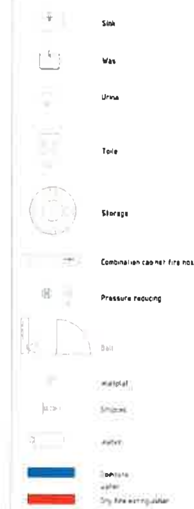
Layout Sewerage Floor 00/ 01

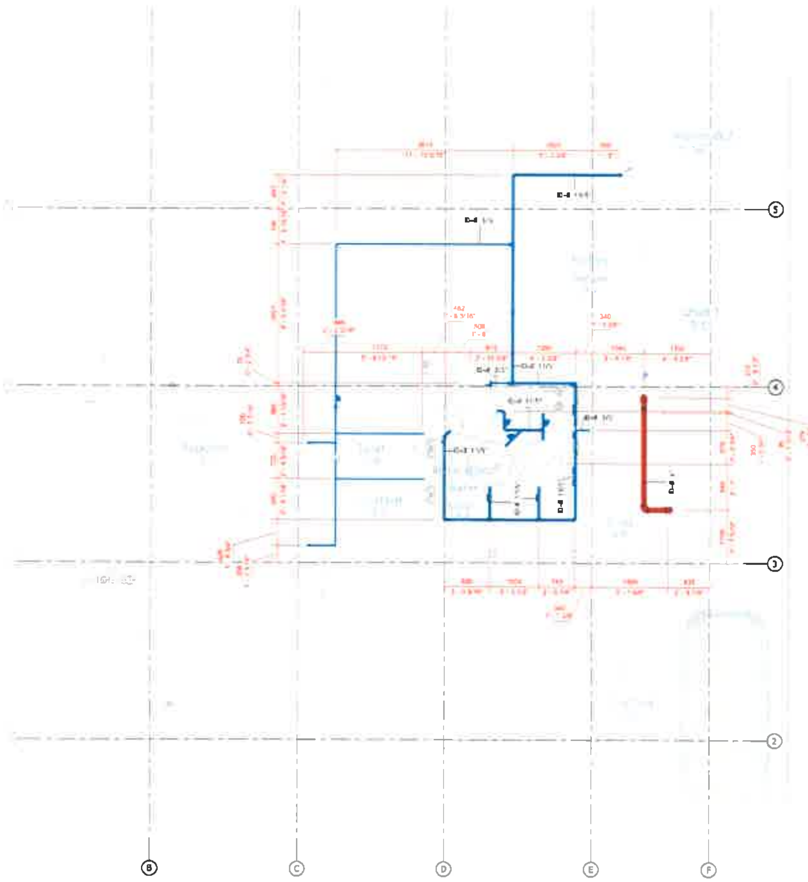
A1

LAYOUT/OVERZICHT

NOTES/NOTITIES

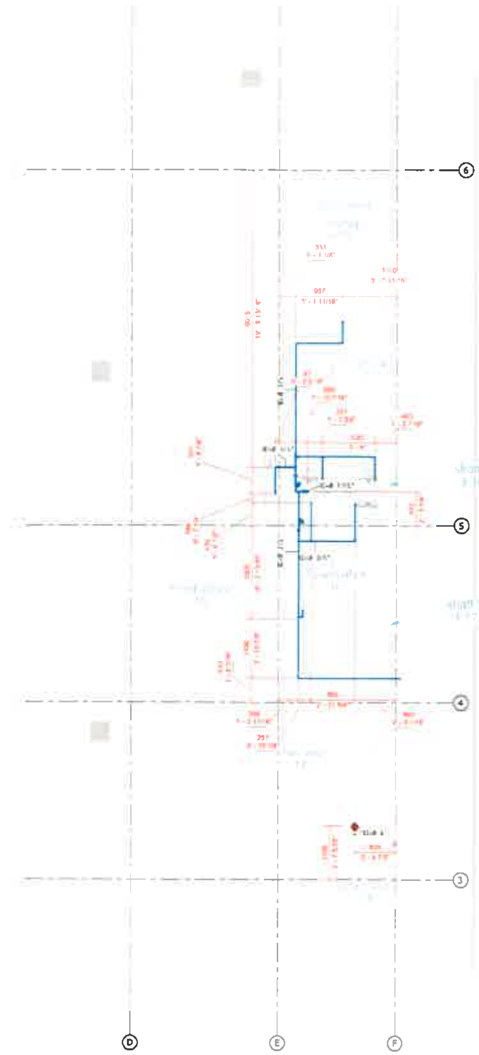
LEGEND/LEGENDA





1 Ground Level 00 Layout Water and Fire Installation

1 : 50



2 Floor 01 Layout Water en Fire Installation

1 : 50

For Construction 18-02-2020

FIRM Engineering N.V.

Assuria Life (GY) Inc.

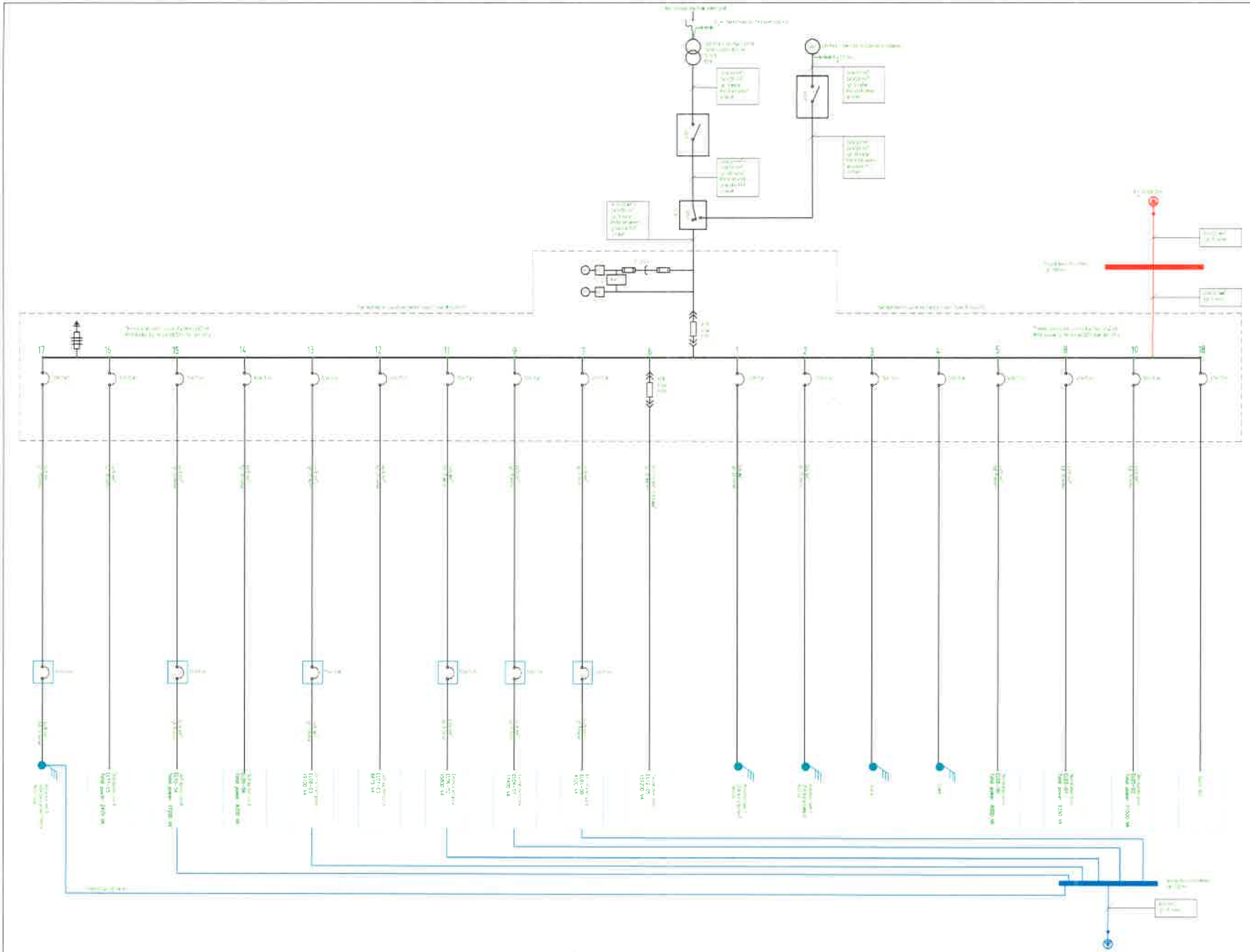
Detail Design

Assuria Georgetown Guyana

Layout Water Installation
Floor 00/ 01

1:50

A1



Total installed power 285200 VA

Main Single Line Diagram

LAYOUT/OVERZICHT

NOTES/NOTITIES

LEGEND/LEGENDA

For Construction
04-03-2021

FIRM Engineering N.V.

Assuria Life (GY) Inc.

Detail Design

Assuria Georgetown Guyana

Main Single Line Diagram - 000

A1

Potential effects on the environment which may result from the existence of the project i.e. land, soil, water, air, the use of natural resources, etc. A brief description of each potential effect.

Land/Soil

Earthen materials will be excavated and removed to facilitate the Construction of the Foundation of the Building.

Water

The source of water during the project period will be basically rainfall and GWI. The rainfall water has the potential of flooding the project area and any leaking/broken pipe from GWI can also have the same effect.

Air

The potential of Air contamination by using power saws is limited due to the use of very limited wooden materials as the main building material. However, some is being used for Formwork purposes.

Natural Resources

There is very little potential of using natural resources due to the Geographical location of the project and the depth of any excavation for the Foundation purpose.

Noise

The source of Noise during the Construction Process will be from Dragline during the Pile Driving, Chainsaw for preparing the Piles, etc.

The sound of the Crane Engine will be a source of noise for the Steel Frame Installation period of approximately four (4) weeks.

During the entire project, the use of Electrical Saws and Drills will be the source of some noise too.

Proposed plans to mitigate environmental impacts.

Land/Soil

White sand will be used as backfill material and well compacted.

Water

The mitigate any flooding from either rainfall for GWI, water pumps are on standby for pumping off any excess water on the site into the nearby drains. Also, care will be taken to the GWI connection on Site to avoid any leakage/breakage.

Air

To avoid the sawdust produced from Formwork construction contaminating the air, the work will be done in a confined area and the dust produced will be collected and disposed of.

Noise

There is very little one can do to minimize the Noise level of the Dragline and the use of the Chainsaw, however, the time the work is being done will be considered; not too early in the morning or late in the evening to disturb the neighbours.

The same measure will be taken during the Steel Erection phase as the Pile driving exercise where the time will be considered not to disturb the neighbours early in the morning or late in the evenings.

As much as possible all saw cutting and drilling will be done away from the Northern and Eastern neighbours and taking the wind direction into consideration, this will help reduce the noise level.