ProBuild

ProBuild Hardware and Construction Inc.

PROJECT SUMMARY

CONCRETE BATCHING PLANT

Ref #PB/PS/CBP/01
Dated: 4th December, 2025
Rev #01

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1.0 INTRODUCTION

ProBuild Hardware and Construction Inc. is desirous of constructing a Concrete Batching Plant in Lot 25-28 Calendonia (refer to Appendix 2 – Site Map (*Drawing No. CAL-01c*) which shows the directions that can be used to locate the site. The Total Site Area is 22,961.86 square meters (5.674 acres) and the area to be developed within the site is 11,555.30 square meters (2.85 acres). The proposed site shall include the following: -

1. Concrete Batching Plant
2. Lunch Area Shed
3. Administration (Office) & Storage Container Building
4. Car Park (30 Nos.)

ProBuild Hardware and Construction Inc. aims to support the sustainable growth of Guyana's socioeconomic development projects which aims to benefit all citizens. We are a dynamic and knowledgeable team with the required experience and expertise to undertake all different types of logistic needs.

ProBuild Hardware and Construction Inc. uses the latest advancement in design technology combined with our hard working and dedicated team, we are able to offer our clients efficient, high quality construction projects. The establishment of a new Concrete Batching Plant will allow us to provide Ready-mix Concrete for public, private and industrial sector infrastructural projects.

2.0 SITE DESCRIPTION

The site is generally flat and comprises generally of natural vegetation. There is an existing earthen canal which runs along the northern boundary of the site and outfalls into the Demerara River. The Demerara River Reserve is located along the western boundary of the site.

It is important to note that approximately fifty-four (54) feet along the northern boundary falls within the existing canal.

3.0 PROJECT DESCRIPTION

The proposed project involves the establishment of a Concrete Batching Plant. The proposed plant is intended to facilitate the countries' infrastructural development programmes by offering competitive, economical and world class Ready-mix Concrete.

The proposed Concrete Batching Plant exhibits the following capabilities: -

1. **Eco-friendly** – very low exhaust emissions and low ambient noise.
2. **Energy efficient** – This includes optimized power usage leading to overall lower energy consumption.

3. **Safe and Reliable** – A mechanical safety device is available on the access door of each key segment of the Plant. This allows for greater protection and security and overall control of the Plant's operation.
4. **Production Capacity** rated at 300 tonnes per hour.

4.0 CONCRETE BATCHING PLANT OPERATION

The aggregates for the Concrete Plant for the production of concrete comprises of three (3) sizes: -

- 3/4"
- 3/8"
- Sharp Sand

These aggregates would be stored in three (3) separate stock piles and shall be separated using concrete barriers. A Front-End Loader shall be utilized to load the aggregates into the stacker bin. These aggregates will then be conveyed via the conveyor belt system into the material storage bin the designated based on the aggregate size.

The cement is loaded into the Silos using electrical blower compressed air. This air is blown into the Silo and all dust generated is intercepted by the filter house and cycled back into the Silo. Only clear air is vented externally.

The water to the Plant is supplied using a pump that draws water from the Tank Farm. This water supply is metered and is controlled by the automated batching system to the Control Building for the Plant. The mix design which details the quantity of aggregates, water, cement and additives required to achieve the desired concrete strength is stored on the computer system in the Control Room.

Through an automated process, the required quantity of the materials is added to the mixer. The quantity of water and additives is added by volume and the quantity of aggregates and cement is added by weight. The amount of cement is weighed on the cement scale and during this process, cement particles may become suspended in the air, however, the cement scale contains its own dust collector system. All cement dust collected is then recycled back in to the scale.

It should be noted that the water and additive is added to the mixing drum first followed by aggregates and cement. This is done while the mixer is continuously rotating / mixing. When all materials are dispensed into the mixing truck, the truck then leaves the compound to its destination. Upon return from offloading the concrete mixture, the concrete trucks will then proceed to the Wash Pond Area. The Wash Pond consists of a series of settling ponds as follows: -

1. Slush Pond 1
2. Settling Pond 2
3. Settling Pond 3
4. Settling Pond 4

Water is pumped into the truck and all remnants from the truck is then washed out into the Slush Pond. The large particles in the Slush Pond settle to the base and the water then skims off the top and flows into the Settling Ponds. All effluent from Settling Pond 4 is then recycled and pumped into water tanks for re-use.

When the sediments in the Pond reaches 50% of the Pond's capacity, the sediments are then removed and placed on an enclosed drying bed to contain the slush. This base of this drying bed is concreted. When the material is fully dried, it is then removed and taken to an approved landfill site for disposal or use for backfill material.

4.1 STORAGE OF CHEMICALS

For the intended operation, the following chemicals will be stored on the site: -

1. Retardant Additive (a copy of the Data Sheet is attached)
2. Diesel

This oil is used by the Concrete Trucks. All discarded or used oil is collected and stored in a designated tank. When the tank is filled to capacity, an authorized and licensed Waste Disposal Contractor shall be used to collect and dispose of at an approved facility. Copies of the Waste Disposal certificates are kept on site.

The retardant is a chemical that is added to the concrete mixture to delay the hydration of concrete and extends the working time of the concrete. This chemical is kept on site in designated tanks and is fed to the Concrete Plant based on the mix design. Copies of the Safety Data Sheet is kept on site at all times. We shall also maintain a 10,000-gallon tank which will be used to store diesel for the concrete trucks. A bund containment system will be sized and constructed to accommodate 110% of the tanks capacity.

5.0 ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

The Environmental Impacts can be considered based on the phase of the project, that is, Construction Phase and Operational Phase.

5.1 CONSTRUCTION PHASE

The construction phase encompasses all works required to implement the infrastructure required to accommodate the installation of the concrete plant. The construction phase shall include the following: -

1. Site Clearing and Grubbing
2. Excavation, levelling and Backfilling
3. Construction of Drains
4. Construction of Roads
5. Installation of Water Mains
6. Installation of Electrical Infrastructure
7. Construction of Administration Container Building
8. Construction of Septic Tank
9. Erection of Concrete Plant

5.1.1 AIR QUALITY IMPACTS

The occurrence of dust during the construction phase will be of short-term duration. The primary potential air quality impact during the construction phase is dust. During the earthworks, excavation and backfilling exercises may generate construction dust which can become exacerbated during dry weather conditions. Dry weather conditions coupled with wind speed and direction can present unfavourable conditions if go unmitigated. The type of native soil and choice of backfill used will also influence the amount of dust generated.

The dispersion of construction dust is also exacerbated with heavy vehicles transporting construction material such as sand, gravel and other fill material. These materials are graded and inherent contains fine particles required to achieve proper compaction. These fine particles during movement become suspended and can impact the air quality.

The primary generators of construction dust due to construction works are as follows:

- Earthworks which involve excavation and filling
- Storage of earthen material or select granular fill on site
- Construction equipment such as dump trucks, excavators, graders.

Mitigation Measures

Though the sources of dust identified above are common during construction activities, the implementation of standard mitigatory procedures is successful in reducing the impacts on the environment. The following controls measures would be implemented and sustained during the construction activities:

1. All transportation vehicles such as dump trucks will be fitted with covers to prevent material loss and to avoid dust particles from becoming air borne.
2. Storage of construction fill material for long periods will be avoided. All materials brought on site will be utilized within two (2) days for prevent dust generation.
3. All stored construction aggregates or fill material will be regularly sprayed with water to suppress the drying out of the top of stockpile.
4. At the entrance of the site, the public roads will be regularly inspected for cleanliness and cleaned as necessary.
5. Regular inspections will be carried out around the proposed site to monitor the performance of dust control measures. Adjustments in the plan will be made as required.
6. We shall limit the speed of vehicles such as Dump Trucks within the site since all surfaces during construction will be unpaved. We recognise that this measure can also contribute to reducing the possibility of adverse air quality conditions.
7. In the event of extreme dry conditions, we will also consider erecting dust screens to minimise the impact of the works on the surrounding environment.
8. We shall avoid burning of trash and vegetation on site.

5.1.2 WATER POLLUTION / SURFACE WATER IMPACTS

During the earthworks, the main risk to surface water is the introduction of suspended solids (earthen particles) into the natural water courses. This occurs primarily when heavy rainfall results in the earthen particles becoming mobile which can negatively affect the water quality.

Another source of pollutant is the release of hydrocarbons from construction plant and equipment such as Bulldozers, Excavators, etc. These releases may be uncontrolled through neglected spillages or improper handling of oils and fuels.

During heavy rainfall these chemicals may be washed into the adjacent water courses.

Mitigation Measures

The following measures will be implemented on site to prevent the above-mentioned adverse effects due to the site activities identified: -

1. **Construction of Silt Traps &/or usage of Silt Fences**

   The Silt Trap acts as a temporary settling basin that is strategically constructed on site at the lowest elevation adjacent to the existing outfall water course. The Silt Trap intercepts eroded or suspended soil particles from rain water runoff before it enters the existing water courses.

   Silt Fences will also be installed which comprises of porous filter fabric that acts to detain eroded sediments.

2. **Control of Hydrocarbons**

   All Construction Plant and Equipment will be regularly maintained and kept in good working order. This will mitigate against the likelihood of leaks or spills occurring. We shall ensure the site is equipped with spill kits which comprises of clean up material such as absorbent pads and brooms. This will be made readily available on site. The appointed Site Supervisor and supporting staff will be trained in spill control and protocols when dealing with spills.

3. **Maintenance and Inspections**

   The surface water mitigation measures shall be inspected regularly to ensure all mechanisms are functioning as intended. We shall also carry out maintenance as required to ensure the proper working of all systems. Daily visual inspections will be carried out on the adjacent roadways to ensure there is no silt accumulation as this has a potential to also contribute to surface water contamination.

4. Further Controls

a) Where excavated material or imported aggregates are being stocked piled, although this stock piling would be temporary, we shall either cover the stock pile or grade the stock piles to avoid rapid runoff.
b) We shall ensure that all internal temporary drains are maintained to minimise unnecessary accumulation of water on the project site. These drains shall also be adequately sized to retain the maximise expected volume of water runoff from the site catchments.
c) We shall consider the final design or site usage to avoid unnecessarily clearing grassed areas. Where areas are designated for landscaping, we shall as far as possible, re-vegetate these areas.
d) In order to contain the runoff from the site, we shall construct temporary earthen burns at the boundaries of the site.

5.1.3 NOISE IMPACTS

We acknowledge that noise associated with construction activities, however this will be temporary in duration. It is expected that the duration of the construction works shall not exceed six (6) months and the noise impact will be largely generated during the first two (2) months of the works.

The impacts will be generally due to the operation of heavy machinery during the earth works phase and also during the construction of the building.

Mitigation Measures

To minimise the impact due to noise from the construction works on the surrounding environment, we hereby propose the following measure to be adopted: -

1. Construction activities will be conducted between 7:00 am to 5:00 pm, Monday to Saturday.
2. We shall ensure that all tools, machinery and equipment designated for the works are fitted with noise emission control systems, such as, extended exhaust systems, etc.
3. Conduct regular inspection and maintenance on machinery and equipment to ensure these systems are functioning as intended. All maintenance should be carried out in accordance with the manufacturers' printed instructions.
4. When machinery is not in use, we shall switch off the engine as this will aid in the reduction of air and noise pollutants.
5. Heavy equipment and machinery would not be permitted to go onto the public roadways unless being carried by a Truck and Trailer.
6. All machinery Operators will be properly trained to optimise the use of the machinery and to avoid unnecessary revving or idling.

5.1.4 WASTE MANAGEMENT IMPACT

Based on the nature of the construction works, we acknowledge that waste will be generated for the project duration. The following is a list of waste that may be generated: -

Table 1.0 – Waste Type and Sources		
ITEM	**WASTE TYPE**	**SOURCES**
1.	Bio-degradable such as trees and grass	Bio-degradable waste would be generated during site clearing and grubbing works.
2.	Wood / Timber	This waste may arise during the construction of the foundations for the building and Concrete Plant. This will also include damaged or defective timber material.
3.	Concrete	Waste concrete can arise from surplus concrete from foundation construction activities.
4.	Glass and Plastic	These can be generated from material packaging and discarded food containers.
5.	Metals	Waste metal may be generated during the pre-fabrication of reinforcement for foundations.

Mitigation Measures

The following mitigation measures will be institutionalised on site to treat with the handling and disposal of the various wastes identified above: -

1. A designated area shall be allocated on site for the disposal of waste material. As far as practical we shall separate the various types of waste based on the categories identified in Table 1.

2. We shall employ the services of a Specialist Waste Contractor who possesses the experience and license in Waste Management. This Contractor will be responsible for safely disposing of all waste.

3. Waste such as glass and plastic shall be transported to approved waste recycling facilities.

4. All waste metal shall be collected and sold to an approved metal recycling Contractor. This Contractor must possess a license recognised by the Republic of Guyana.

5. Additional Measures –

   a) We shall ensure efficient ordering and purchasing of materials to reduce wastage on site.
   b) As far as practical, we shall ensure that all excavated material removed from infrastructural works shall be reused on site through levelling and backfilling of low-lying areas. Any material that is not reused on site shall be disposed of in an environmentally acceptable manner by our Specialist Waste Management Contractor.

c) All non-hazardous waste such as domestic garbage, construction materials including scrap metal and empty containers generated from the ongoing works will be collected and sorted into recyclable and non-recyclable containers. These containers will be kept secure by ensuring they are kept covered at all times.

d) All hazardous waste such as batteries, fuel, oil, etc. will be segregated and stored in separate containers. These containers will remain covered at all times. We shall employ the services of a Specialist Waste Disposal Contractor to receive these containers and dispose at an approved waste disposal facility. We shall maintain records and disposal certificates to support all waste disposal activities. These records shall be kept on site.

e) All chemicals being stored on site such as fuel and oils, will be stored in containers designed to hold these liquids. As far as practical, we will construct secondary (temporary) containment structures. The Site Office will maintain records of the safety data sheets of all chemicals being used on site.

5.1.5 CONSTRUCTION PLANT AND EQUIPMENT

The Construction Plant and Equipment intended to be used for the infrastructural works can be summarised in the table below: -

Table 2.0 – Construction Activity and Equipment

ITEM	CONSTRUCTION ACTIVITY	EQUIPMENT
1.	Site Clearance and Grubbing	Excavator Grader Dump Trucks Bulldozer
2.	Construction of Roads	Excavator Grader Dump Trucks Bulldozer Rollers Asphalt Paver
3.	Construction of Drains	Concrete Trucks Mobile Pump Dump Trucks Excavator Backhoe
4.	Buildings	Concrete Trucks Mobile Pump Dump Trucks Excavator Backhoe
5.	Concrete Plant Installation	Mobile 40 Tonne Crane Manlift Truck and Trailer Forklift

5.2 OPERATIONAL PHASE

5.2.1 SOLID WASTE MANAGEMENT

In instances where there is extra concrete in the mixer after the job has been completed, this is returned to the Concrete Plant and treated in the following manner: -

1. Using pre-formed moulds, the extra concrete is used to create pre-cast concrete products such as invert drains, pots, slabs, concrete barriers, etc. These will be made available for sale.
2. Where small volumes are involved, this is processed as a slurry through the Slush Pond system. The Slush Pond system is usually designated to receive small volumes of returned concrete and normal mixer drum wash out at the end of the job.

Upon return from offloading the concrete mixture, the concrete Trucks will then proceed to the Wash Pond Area. The Wash Pond Area consists of a series of settling ponds as follows:-

1. Slush Pond 1
2. Settling Pond 2
3. Settling Pond 3
4. Settling Pond 4

Water is pumped into the truck and all remnants from the truck is then washed out into the Slush Pond. The large particles in the Slush Pond settle to the base and the water then skims off the top and flows into the Settling Ponds. All effluent from Settling Pond 4 is then recycled and pumped into water tanks for re-use.

5.2.2 FUEL AND CHEMICAL MANAGEMENT

The admixtures used in concrete mixes are stored in tanks within the batching area of the Plant. The tanks proposed for this project is manufactured using reinforced plastic. The tanks will be labelled and the MSDS for the admixture will be kept on site. The tanks shall also possess the following features: -

1. A liquid level indicator will be installed and the tank shall be calibrated on the outside for ease of reference.
2. The tanks shall contain locks and shut off valves. The tanks shall be mounted on a reinforced concrete plinth designed to accommodate the intended waste from the tank.
3. All piping from the tank to the concrete batching plant shall be kept free from impact and made visible at all times for ease of maintenance. The piping shall be installed by a Licensed Technician.
4. The tank will possess a spill containment system capable of accommodating 110% of the tanks volume. This spill containment system shall only accommodate fluids or liquids that are non-reactive.

For the operation of the Concrete Plant, we shall possess several concrete mixing trucks to facilitate the operation. Consequently, we shall have an above ground diesel storage tank and oil drums for maintenance of the trucks. In order to minimise the impacts of these liquids in the event of a spill, the following measures shall be implemented on site: -

a) **Regular Maintenance** – We shall conduct regular inspections on the tank and piping to verify the integrity of the system in place. Any parts that show signs of deterioration will be replaced as part of the preventative maintenance scheme.

b) **Trained Personnel** – We shall train our Technicians to handle these liquids and provide them with a copy of the Material Safety Data Sheet (MSDS).

c) **Spill Procedure** – We shall keep on site the appropriate spill response equipment to treat with any incidents. Such equipment includes oil socks, oil pads, gloves, drums, disposable containment bags and plastic bags. In the event of a suspected spill, the employee shall immediately report the incident to the Supervisor. The Supervisor will also immediately inform the Site Manager and the following actions will be taken: -

i) Block off any drains or access to drainage infrastructure
ii) Stop the leak through the use of temporary plugs
iii) Proceed to drain the remaining fluid in the designated containers
iv) Using the spill containment equipment, commence clean-up operations

The details of the spill will be recorded to carry out a post mortem on the incident. The information to be recorded may include date, time, location, circumstances of the spill, containment and clean up methods, disposal methods used, etc.

d) A Class B Fire extinguishers will be positioned near the storage area in the event of an emergency. Workers will also be trained in the proper use of the extinguisher.

e) Smoking will not be permitted within the vicinity of the fuel storage tank and appropriate signs will be posted in the close proximity to the tank. All signs will be regularly maintained to ensure they are all visible.

f) All discarded oils, fuels, lubricants, oil rags, etc. will be retained in designated containers for disposal. These containers shall be labelled and kept within the 'No Smoking' zone. All waste from these containers shall be disposed of by a Specialist Waste Disposal Contractor who possesses the appropriate license.

g) As part of the site policy, we will not permit any "hot work" such as welding and grinding, in close proximity to the fuel and chemical storage areas.

5.2.3 AIR QUALITY IMPACTS

The proposed Concrete Plant may generate and disperse dust during its routine operations based on the procedures used and local climatic conditions. Dust or particulate matter may be generated from the following actions: -

a) Delivery of cement into the Silos
b) Delivery and stock piling of aggregates
c) Aggregate and cement dispensing into trucks

Delivery of cement into the Silos

The Concrete Plant comprises of a pneumatic pump and compressor which blows cement from the loading bin into the Silo. All dust generated is trapped and recycled back into the Silo. The Concrete Plant has a filter vent which filters the air leaving the Silo while loading the cement into the Silo. The dust is collected and filtered back into the Bag House dust collection system.

Fabric Bags or Cartridge Filters are in place at the vents on top of the cement silos to capture dust that is generated as the Silos are being filled or drawn down. The plant also consists of a vacuum system that provides a suction at major point sources such as the truck mixer load point or at the cement hopper. The Bag House essentially consists of filtered cartridges that capture the dust for disposal. As previously indicated, the collected dust is then recycled back into the cement silo. No cement dust leaves the Bag House or escapes into the atmosphere, this process is 99.9% efficient.

Delivery and stock piling of aggregates

To minimise the dust emissions from the delivery and stock piling of aggregates, we intend to implement the following operating guidelines: -

1.) Minimise double handling of aggregates brought to the site, that is, ensure the transportation vehicles importing the aggregates offloads the material at the actual stock pile area
2.) Where possible, consider higher moisture content of aggregates when being delivered to the stock pile
3.) Stock pile aggregates to minimise the surface area exposed to the wind
4.) Erection of solid boundary fence around the stock pile area

Mitigation Measures

The following measures shall be institutionalised to ensure that the air quality impacts are mitigated: -

1.) We shall ensure the Bag House is properly maintained through the following: -

    a) Inspect the Bag House and replace any damaged or torn filter bags as required
    b) Verify that filter bags are fitted properly in accordance with manufacturers' specification
    c) Regularly carry out pulse cleaning operations. This will be done whenever the material is being loaded into the Silos. We shall ensure a minimum of ten (10) minutes of pulse cleaning after the loading operation is completed.
    d) We shall maintain a log of all inspections and maintenance carried out.

2.) **Site Management** - With regards to minimising dust emissions within the Plant, we will implement the following guidelines: -

    a) Construct concrete or asphalt pavement surfaces as far as possible
    b) Ensure all hard surfaces are regularly cleaned and maintained
    c) Dust suppression using water

3.) Diesel engine exhaust emissions will be controlled by ensuring all equipment including mixer trucks are properly maintained using a preventative maintenance programme.

4.) Ensure raw materials and aggregate trucks are covered when they enter an exit the Concrete Plant site.

5.2.4 NOISE IMPACTS

Noise may be generated by the Concrete Batching Plant, trucks or other heavy machinery within the compound.

Mitigation Measures

The impacts due to noise can be minimised through the following measures: -

1.) The Batching Plant will be restricted to regular working hours. The proposed working hours shall be 6:30 am to 6:00 pm.
2.) Plant and Equipment shall be regularly inspected and maintained in accordance with the manufacturer's recommended maintenance programme. The equipment shall be maintained to ensure there is no increase in noise from worn parts. All bearings and joints should be lubricated to reduce wear and tear and associated noise risks.
3.) Minimise where possible the free fall height of aggregates such as loading into the hoppers.
4.) Ensure that all trucks and delivery vehicles are equipped with exhaust mufflers. All mufflers must match the engine size of the vehicle.

5.2.5 WATER POLLUTION / SURFACE WATER IMPACTS

Batching Concrete

During the batching of materials required for concrete, the volume of water to be used shall be controlled and mitigated using the following methods: -

a) The use of metered or automated shut off valves on water supply lines used to fill the truck tanks. This will also assist in quality control of the mix design to ensure the accurate volume of water is being used to maintain the required water cement ratio.
b) The use of a chemical admixtures such as Super-Plasticizers, to reduce the overall amount of water required to achieve the concrete mix.
c) Using recycled water from the wash out ponds for various activities within the Plant. These include, wetting of aggregate stock piles, washing down of Plant during maintenance and reintegration into future concrete mixes

Washing Down of Trucks

After loading

For a dry mix plant such as the one proposed for use on this project, the aggregates, cement and other constituents are added to the concrete mixer truck. During dispensation of these materials into the truck from the overhead silos, there may be instances where dust and cement particles may fall to the ground.

When this occurs, water is used to clean the area and also to remove the dust from the trucks. The run off from this process is channelled into a drain and this flows into the settling pond. Refer to the following drawings in the Appendix:-

- Appendix #8 – Catch Pit / Pond (Plan and Detail) (Drawing No. CBP-14)
- Appendix #10 – Main Slush Pond (Plan, Foundation and Details) (Drawing No. CBP-16)
- Appendix #11 – Settling Pond (Plan, Foundation and Details) - Sheet 1 of 2 (Drawing No. CBP-17) and Sheet 2 of 2 (Drawing No. CBP-17a)

Upon Return from Job Site

After the concrete is offloaded onto the Site, the trucks return to the Concrete Plant compound and proceeds to wash out the inside of the mixer along with ancillary parts such as the chute of the truck. The washing out takes place at the primary Slush Pond that has three (3) additional Settling Ponds as follows: -

1. Slush Pond 1
2. Settling Pond 2
3. Settling Pond 3
4. Settling Pond 4

Water is pumped into the truck and all remnants from the truck is then washed out into the Slush Pond. The large particles in the Slush Pond settle to the base and the water then skims off the top and flows into the Settling Ponds. All effluence from Settling Pond 4 is then recycled and pumped into water tanks for re-use.

When the sediments in the Pond reaches 50% of the Pond's capacity, the sediments are then removed and placed on a drying bed. This base of this drying bed is concreted. When the material is fully dried, it is then removed and taken to an approved landfill site for disposal or reused as fill

6.0 MAINTENANCE PROGRAMME

The proposed Concrete Batching Plant shall be maintained in strict accordance with the manufacturer's recommended maintenance programme. As part of the maintenance for the Plant, the following checks shall be carried out on the Concrete Plant and Slush Pond to verify that the Plant processes are functioning as intended.

Concrete Plant Checklist

1. Ensure the Plant is cleaned from all aggregates
2. Clean air filter and compressor
3. Ensure all joint bearings are well lubricated
4. Inspect the Conveyor head and tail bearings
5. Inspect the Conveyor belt wear and tension
6. Check Conveyor splice for defects
7. Check Silo Safety Relief Valve
8. Check and adjust Conveyor rubbers and belt wipers
9. Check oil level in all gear reducers
10. Inspect and clean all aggregate bins

Slush Pond Checklist

1. Check Slush Pond level
2. Inspect all drain outs from each Pond
3. Test all piping return systems to verify proper working condition
4. Inspect integrity of slush drying bed containment system

Refer to Appendix #15 for a sample of our Maintenance Checklist for the Concrete Plant and Slush Pond.

7.0 PUBLIC PRECAUTIONARY MEASURES

ProBuild Hardware and Construction Inc. recognises the existing the community around the proposed development and as such, having due consideration given to the project area the following safety precautions will be implemented for the duration of the project. These measures are intended to minimise the likelihood of accidents and also bring awareness of the type of work that will be ongoing in the area: -

a) We shall post warning signs and hazard notices, such as, “Heavy Equipment Turning”, “Reduced Speed”, “Construction Activities Ahead”, etc. We shall ensure that these signs include illumination features thereby making it visible at night times as well.
b) Erection of Temporary Hoarding – We shall erect a temporary fence around the permitter of the project site to prevent unauthorized encroachments within or outside of the site.
c) Use of Traffic Wardens – When heavy equipment is entering or exiting the site, we shall have in place traffic wardens who will alert the existing motorists of the impending activity.

8.0 COMMUNITY RELATIONS

ProBuild Hardware and Construction Inc. will designate a Community Relations Officer who will be responsible for communicating with neighbouring residents related to the project. We shall post a sign to the front of the project site providing the name and contact information of the Officer. This Officer will be responsible for relaying information to and also receiving information or concerns of the community.

9.0 APPENDIX

1. APPENDIX 1 – Location Plan (*Drawing No. CAL-01b*)
2. APPENDIX 2 – Site Map (*Drawing No. CAL-01c*)
3. APPENDIX 3 – Site Plan (*Drawing No. CAL-01d*) & Drainage Plan (Drawing CAL-01a)
4. APPENDIX 4 – Cadastral Plan (*Drawing No. G.O.E-02a*)
5. APPENDIX 5 – Concrete Plant Layout (*Drawing No. G.O.E-02b*)
6. APPENDIX 6 – Septic Tank and Absorption Tank Details (*Drawing No. G.O.E-03*)
7. APPENDIX 7 – Diesel Station (Plan, Foundation and Details) (*Drawing No. CBP-13*)
8. APPENDIX 8 – Catch Pit / Pond (Plan and Detail) (*Drawing No. CBP-14*)
9. APPENDIX 9 – Stock Pile Area (Plan, Foundation and Details) (*Drawing No. CBP-15*)
10. APPENDIX 10 – Main Slush Pond (Plan, Foundation and Details) (*Drawing No. CBP-16*)
11. APPENDIX 11 – Settling Pond (Plan, Foundation and Details) Sheet 1 of 2 (*Drawing No. CBP-17*) and Settling Pond (Plan, Foundation and Details) Sheet 2 of 2 (*Drawing No. CBP-17a*)
12. APPENDIX 12 – Concrete Plant Model #LP427 Foundation Layout (*Drawing No. 11313-F1*) and Concrete Plant Model #LP427 30” Radial Stacker x 70’ Foundation Layout (*Drawing No. 11313-F2*)
13. APPENDIX 13 – Concrete Plant Manual
14. APPENDIX 14 – Retardant Data Sheet – Conplast RP264
15. APPENDIX 15 – Daily Plant and Slush Pond Checklist and Concrete Plant – Monthly Checklist
16. APPENDIX 16 – Certificate of Title – Phoenix Welding and Fabricating Inc.
17. APPENDIX 17 – Approval from NDC and Central Housing and Planning Authority (CHPA)
18. APPENDIX 18 – Identification of the Permit Applicant
19. APPENDIX 19 – Certificate of Incorporation – ProBuild Hardware and Construction Inc.

APPENDIX 1
Location Plan
(*Drawing No. CAL-01*)

Revision No.	00	01	02	03
Date:	26-June-2025			
Prepared By:	Amanda Dasrath			
Approved By:				

NOTES

1. Al dimensions are infeet & inches unless otherwise stated.
2. De not scale from ths drawing use figured dimensions only.
3. Al Measurements tobe field verified
4. Concrete 4000PSI Cylindrical Strength For Foundation
5. Concrete 3000PSI Cylindrical Strength For Block Infill & Column
6. Concrete Cover to Tcp and Sides of Foundation is 2"
7. Concrete to Bottom of Foundation is 3"
8. Al Containers are Portable
9. Al Arrows indicate the proposed grade of the Site

ISSUE	DATE	DESCRIPTION	INIT.
A	05/12/25	FIRST ISSUE	

CLIENT:
ProBuild Hardware & Construction INC.

JOB TITLE:
Plot lettered "CNH" comprising of tract lettered A of lot numbered 25 and portions of lots numbered 26,27 and 28 being parts of Caledonia, East Bank of Demerara

DRAWING TITLE:	DWG NO:
SITE LOCATION PLAN	CAL- 01b

JOB NO.:	DRAWN: A. Desouza
DATE:	CHECKED:
SCALE:	DESIGN: T. Persad

APPENDIX 2
Site Map
(*Drawing No. CAL-01*)

NOTES

1. Al dimensions are infeet & inches unless otherwise stated.
2. De not scale from ths drawing use figured dimensions only.
3. Al Measurements tobe field verified
4. Concrete 4000PSI Cylindrical Strength For Foundation
5. Concrete 3000PSI Cylindrical Strength For Block Infill & Column
6. Concrete Cover to Tcp and Sides of Foundation is 2"
7. Concrete to Bottom of Foundation is 3"
8. Al Containers are Portable
9. Al Arrows indicate the proposed grade of the Site

ISSUE	DATE	DESCRIPTION	INIT.
A	05/12/25	FIRST ISSUE	

CLIENT:
ProBuild Hardware & Construction INC.

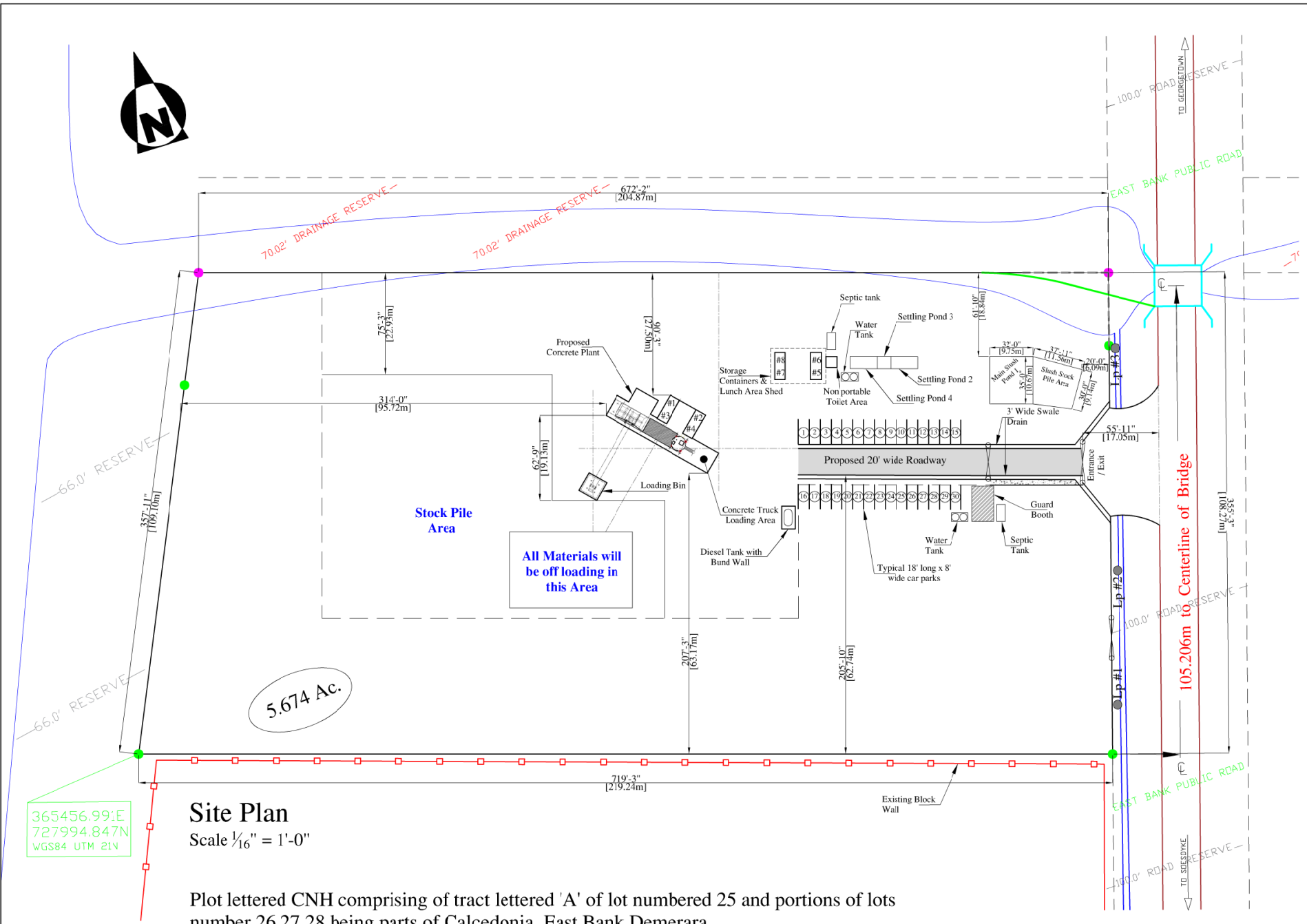
JOB TITLE:
Plot lettered "CNH" comprising of tract lettered A of lot numbered 25 and portions of lots numbered 26,27 and 28 being parts of Caledonia, East Bank of Demerara

DRAWING TITLE:	DWG NO:
SITE MAP	CAL- 01c

JOB NO.:	DRAWN: A. Desouza
DATE:	CHECKED:
SCALE:	DESIGN: T. Persad

APPENDIX 3
Site Plan
(*Drawing No. CAL-01*)

Revision No.	00	01	02	03
Date:	26-June-2025			
Prepared By:	Amanda Dasrath			
Approved By:				



Site Plan

Scale 1/16" = 1'-0"

Plot lettered CNH comprising of tract lettered 'A' of lot numbered 25 and portions of lots number 26,27,28 being parts of Calcedonia, East Bank Demerara

NOTES

1. Al dimensions are infeet & inches unless otherwise stated.
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3. Al Measurements tobe field verified
4. Concrete 4000PSI Cylindrical Strength For Foundation
5. Concrete 3000PSI Cylindrical Strength For Block Infill & Column
6. Concrete Cover to Tcp and Sides of Foundation is 2"
7. Concrete to Bottom of Foundation is 3"
8. Al Containers are Portable

#1- Top Container- Container (Control Room)
#2 Top Container- Container (Office)
#3 Base Container- Container (Storage)
#4 Base Container- Container (Storage)
#5 Base Container- Container (Storage)
#6 Top Container- Container (Storage)
#7 Base Container- Container (Storage)
#8 Top Container- Container (Storage)

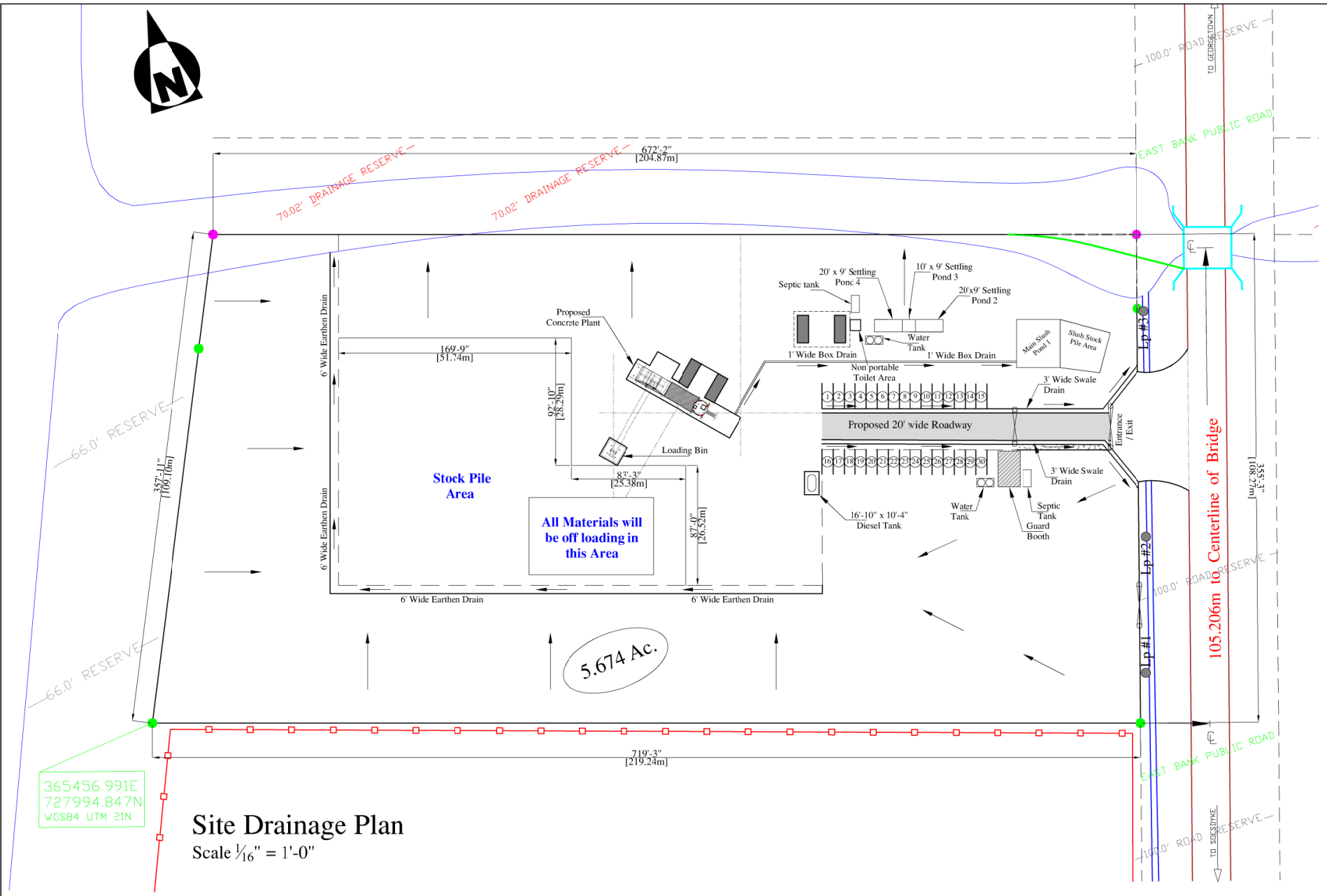
ISSUE	DATE	DESCRIPTION	INIT.
D	05/12/25	DRAIN ADDED	
C	14/11/25	REVISED	
B	06/11/25	REVISED	
A	14/10/25	FIRST ISSUE	

CLIENT:
ProBuild Hardware & Construction INC.

JOB TITLE:
Plot lettered "CNH" comprising of tract lettered A of lot numbered 25 and portions of lots numbered 26,27 and 28 being parts of Caledonia, East Bank of Demerara

DRAWING TITLE: SITE PLAN PROPOSED CONCRETE PLANT
DWG NO: CAL- 01

JOB NO.:
DRAWN: A. Desouza
DATE:
CHECKED:
SCALE: 1/16" = 4'-0"
DESIGN: T. Persad



Site Drainage Plan

Scale 1/16" = 1'-0"

NOTES

1. Al dimensions are infeet & inches unless otherwise stated.
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3. Al Measurements tobe field verified
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5. Concrete 3000PSI Cylindrical Strength For Block Infill & Column
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7. Concrete to Bottom of Foundation is 3"
8. Al Containers are Portable
9. Al Arrows indicate the proposed grade of the Site

ISSUE	DATE	DESCRIPTION	INIT.
A	05/12/25	FIRST ISSUE	

CLIENT:
ProBuild Hardware & Construction INC.

JOB TITLE:
Plot lettered "CNH" comprising of tract lettered A of lot numbered 25 and portions of lots numbered 26,27 and 28 being parts of Caledonia, East Bank of Demerara

DRAWING TITLE: SITE DRAINAGE PLAN
DWG NO: CAL- 01a

JOB NO.:
DRAWN: A. Desouza
DATE:
CHECKED:
SCALE: 1/16" = 4'-0"
DESIGN: T. Persad

APPENDIX 4
Cadastral Plan
(*Drawing No. CAL-01*)

PLAN

SHOWING

PLOT 'CNH'

COMPRISING *TRACT 'A' OF LOT 25 AND*

PORTIONS OF *LOTS 26, 27 AND 28*

~ PLN. CALCEDONIA ~

EAST BANK DEMERARA

IN THE COUNTY OF DEMERARA

GUYANA

SURVEYED AND PAALED AT THE REQUEST OF

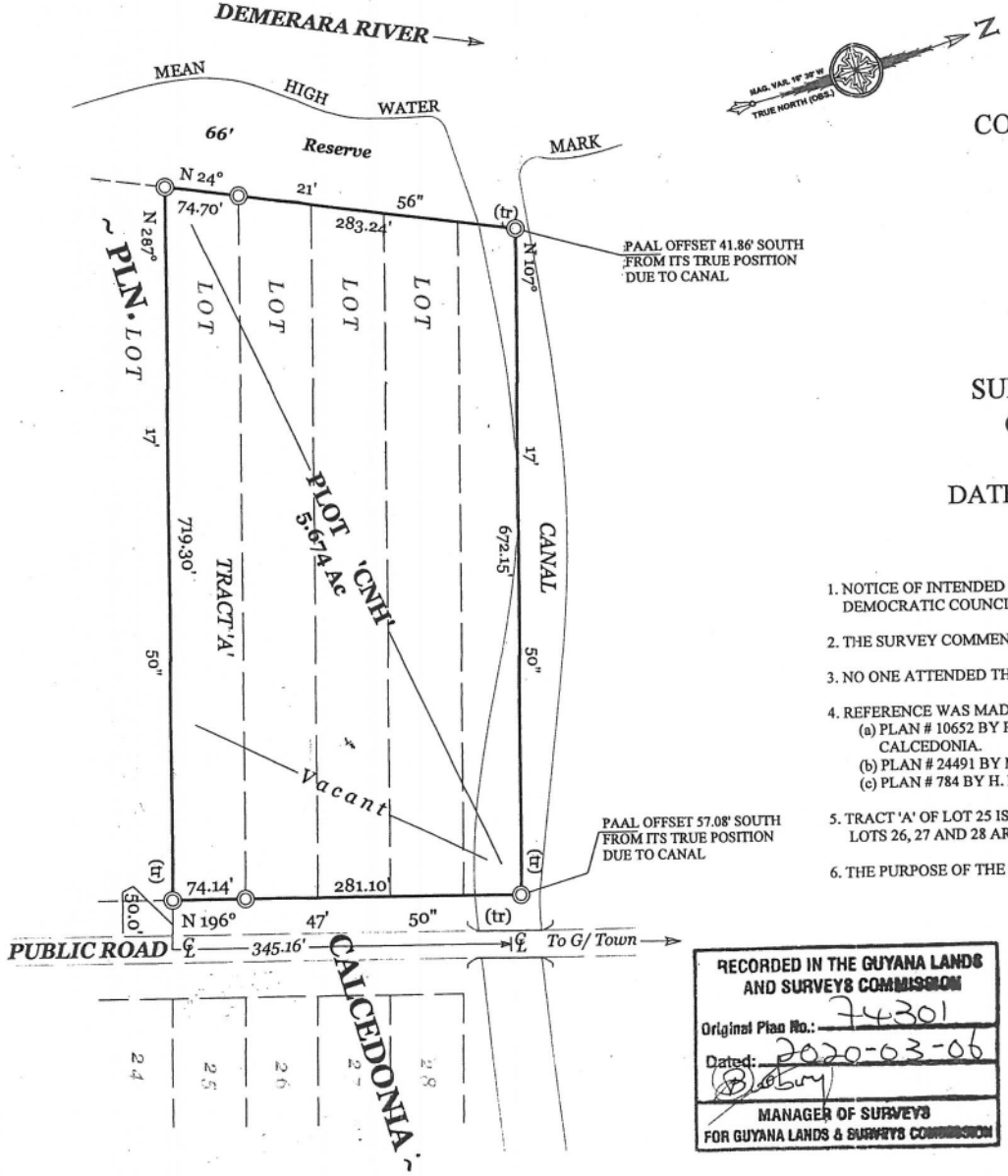
CNH ESTABLISHMENT INCORPORATED

BY

L.L. RUTHERFORD

S.L.S

DATE: 25-02-2020



MEMORANDUM

1. NOTICE OF INTENDED SURVEY WAS SERVED ON THE CHAIRMAN OF GOOD SUCCESS/ CALEDONIA, NEIGHBOURHOOD DEMOCRATIC COUNCIL AND THE EXECUTOR OF THE ESTATE OF MR. BACCHUS (DEC'D).

2. THE SURVEY COMMENCED ON THE 20-01-2020 AND WAS COMPLETED ON THE 18-02-2020.

3. NO ONE ATTENDED THE SURVEY, THERE WAS NO OBJECTION.

4. REFERENCE WAS MADE TO THE FOLLOWING PLANS ON RECORD AT THE GUYANA LANDS AND SURVEYS COMMISSION:-
   (a) PLAN # 10652 BY R. PREMSINGH, S.L.S, DATED 04-10-1962 WHICH DEFINED PORTION OF SARAH JOHANNA, UPPER PEARL AND CALCEDONIA.
   (b) PLAN # 24491 BY M.A. PHANG, S.L.S, DATED 06-08-1993 WHICH DEFINES TRACTS 'A' AND 'B' OF LOT 25.
   (c) PLAN # 784 BY H. RAINSFORD, S.L.S, DATED 07-03-1846.

5. TRACT 'A' OF LOT 25 IS HELD VIDE TRANSPORT # 2933/ 2003 BY CNH ESTABLISHMENT INCORPORATED.
   LOTS 26, 27 AND 28 ARE HELD VIDE TRANSPORT # 2933/ 2003 BY CNH ESTABLISHMENT INCORPORATED.

6. THE PURPOSE OF THE SURVEY IS TO ESTABLISH THE BOUNDARY OF PLOT 'CNH'.

RECORDED IN THE GUYANA LANDS AND SURVEYS COMMISSION
Original Plan No.: 74301
Dated: 2020-03-06
MANAGER OF SURVEYS
FOR GUYANA LANDS & SURVEYS COMMISSION

SURVEYS DIVISION
RECEIVED
2020-02-24
GLSC

LEGEND

- DENOTES G.A.L.V. PIPE IN CONCRETE PAAL
- DENOTES ROAD
- DENOTES DRAIN
- DENOTES BRIDGE

L.L.R

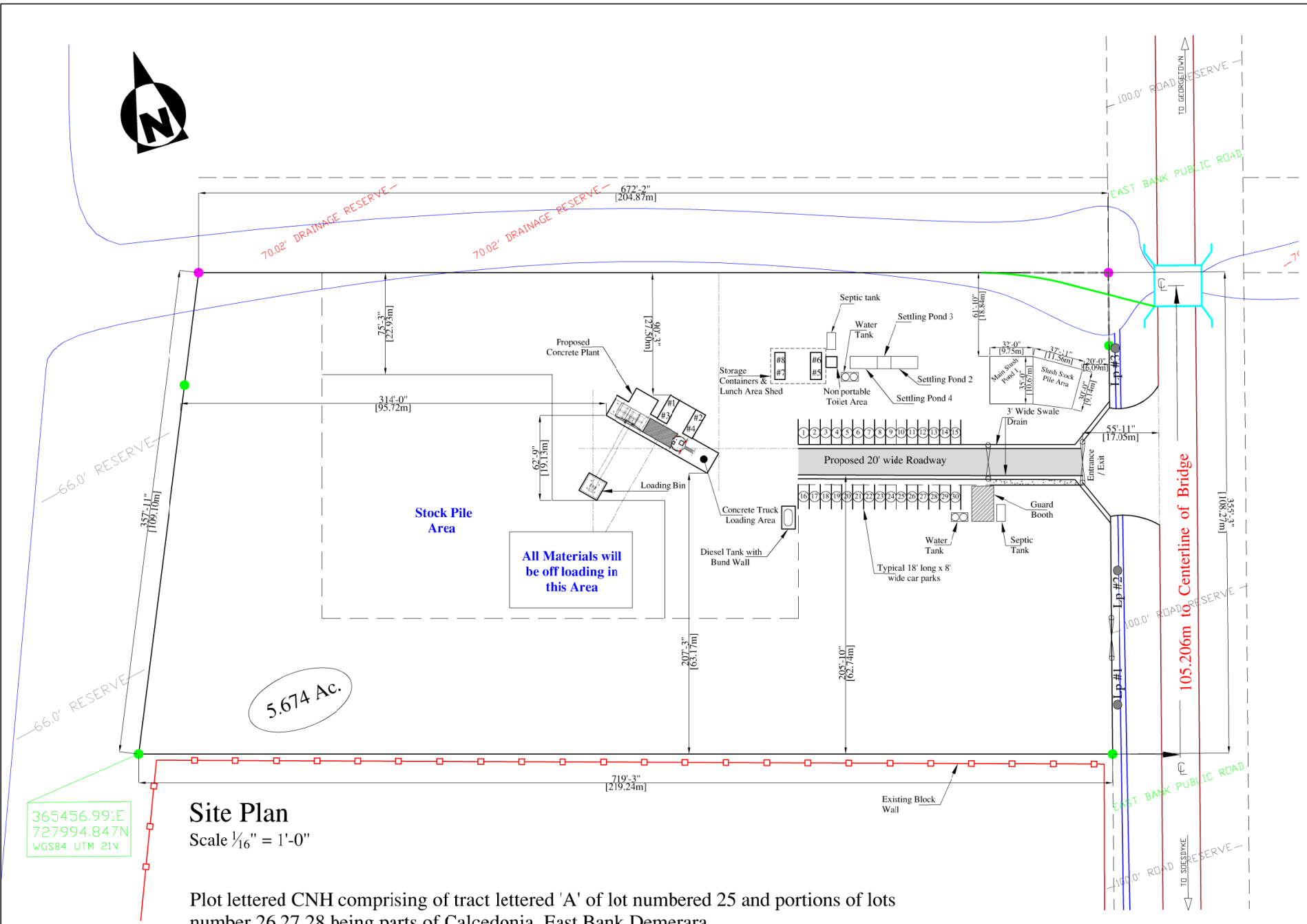
SCALE

120 60 0 120 240 360 480

1 INCH REPRESENT 120 FEET .

APPENDIX 5
Concrete Plant Layout
(*Drawing No. CAL-01*)

Revision No.	●	01	02	03
Date:	26-June-2025			
Prepared By:	Amanda Dasrath			
Approved By:				



Site Plan

Scale 1/16" = 1'-0"

Plot lettered CNH comprising of tract lettered 'A' of lot numbered 25 and portions of lots number 26,27,28 being parts of Calcedonia, East Bank Demerara

NOTES

1. Al dimensions are infeet & inches unless otherwise stated.
2. De not scale from ths drawing use figured dimensions only.
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5. Concrete 3000PSI Cylindrical Strength For Block Infill & Column
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7. Concrete to Bottom of Foundation is 3"
8. Al Containers are Portable

#1- Top Container- Container (Control Room)
#2 Top Container- Container (Office)
#3 Base Container- Container (Storage)
#4 Base Container- Container (Storage)
#5 Base Container- Container (Storage)
#6 Top Container- Container (Storage)
#7 Base Container- Container (Storage)
#8 Top Container- Container (Storage)

ISSUE	DATE	DESCRIPTION	INIT.
D	05/12/25	DRAIN ADDED	
C	14/11/25	REVISED	
B	06/11/25	REVISED	
A	14/10/25	FIRST ISSUE	

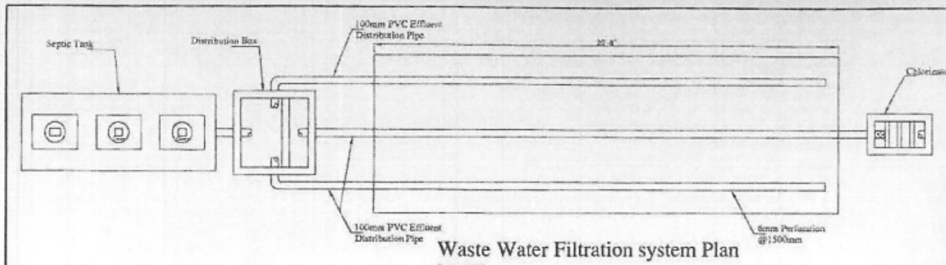
CLIENT:
ProBuild Hardware & Construction INC.

JOB TITLE:
Plot lettered "CNH" comprising of tract lettered A of lot numbered 25 and portions of lots numbered 26,27 and 28 being parts of Caledonia, East Bank of Demerara

DRAWING TITLE: SITE PLAN PROPOSED CONCRETE PLANT
DWG NO: CAL- 01

JOB NO.:
DRAWN: A. Desouza
DATE:
CHECKED:
SCALE: 1/16" = 4'-0"
DESIGN: T. Persad

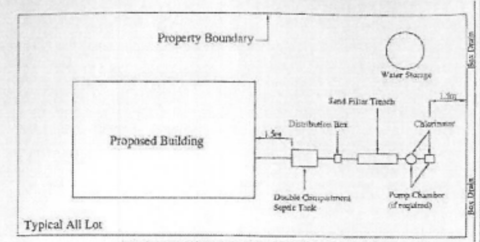
APPENDIX 6
Septic Tank and Absorption Tank Details
(*Drawing No. CAL-01*)



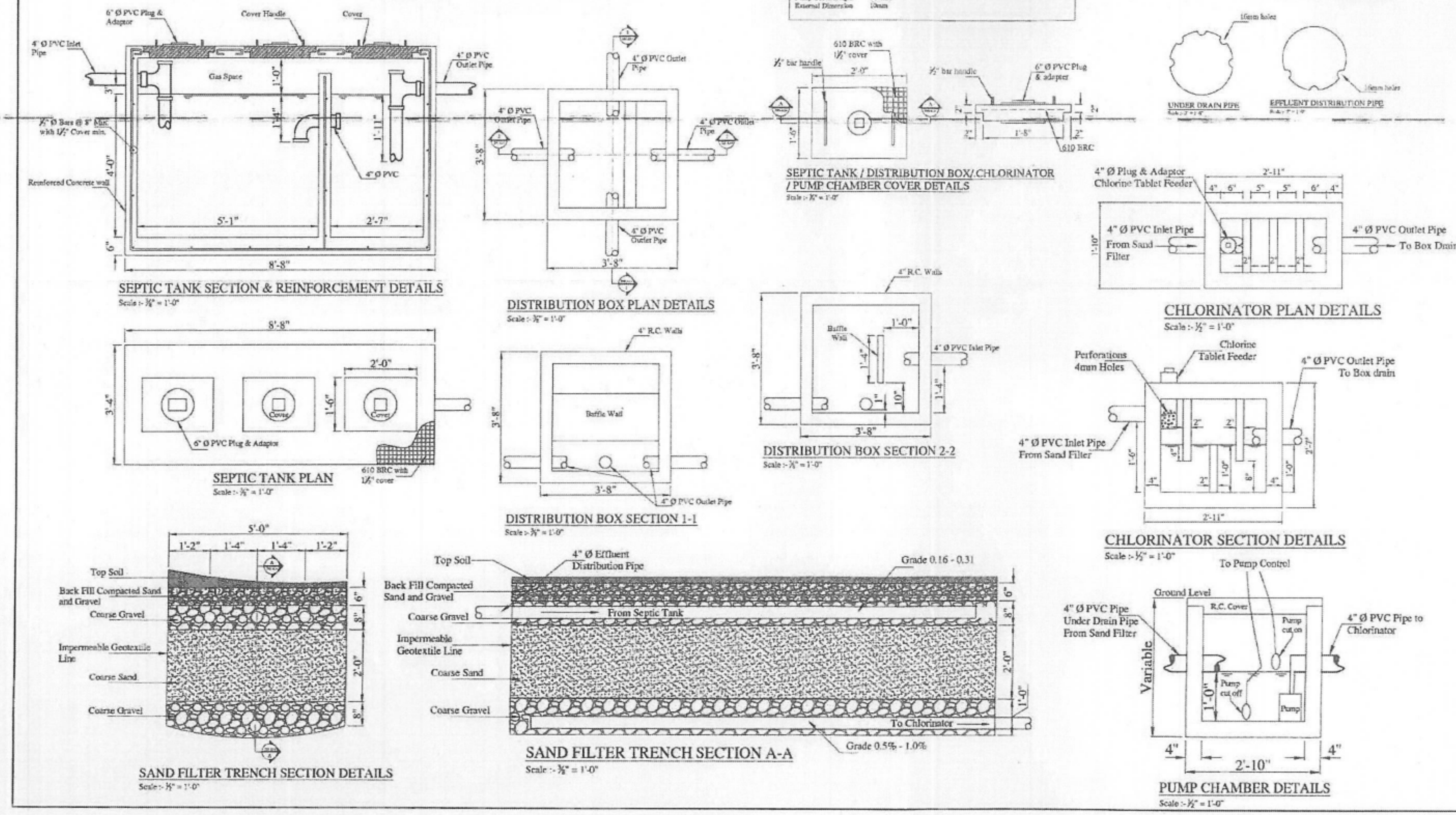
Waste Water Filtration system Plan
Scale:- NTS

WASTE WATER SYSTEM CALCULATION

SEPTIC TANK						
Volume	2.185m³					
Inlet Compartment	Length	1520mm	Width	900mm	Depth	1200mm
Outlet Compartment	Length	760mm	Width	800mm	Depth	1200mm
External Dimension	Length	2540mm	Width	1000mm	Depth	1750mm
FILTER TRENCH						
Loading Rate	81.5 Litres/m²					
Area Required	9.4m²					
Dimension	Length	6300mm	Width	1500mm	Depth	1150mm
CHLORINATOR						
Flow	365 L/day					
Detention Time	30 minutes					
Required Volume	0.016m³					
Dimension	Length	890mm	Width	550mm	Depth	300mm
PUMP CHAMBER						
Volume	0.016m³					
Dimension	Length	880mm	Width	550mm	Depth	1450mm
Pump Cut in Height	300mm					
External Dimension	10mm					



WASTE WATER DISPOSAL SYSTEM LAYOUT



NOTES

1. All dimensions are in feet & inches unless otherwise stated.
2. Do not scale from this drawing use figured dimensions only.
3. All Measurements to be field verified

A	[illegible]	FIRST ISSUE	[illegible]
ISSUE	DATE	DESCRIPTION	INT.

CLIENT: ProBuild Hardware & Construction INC.

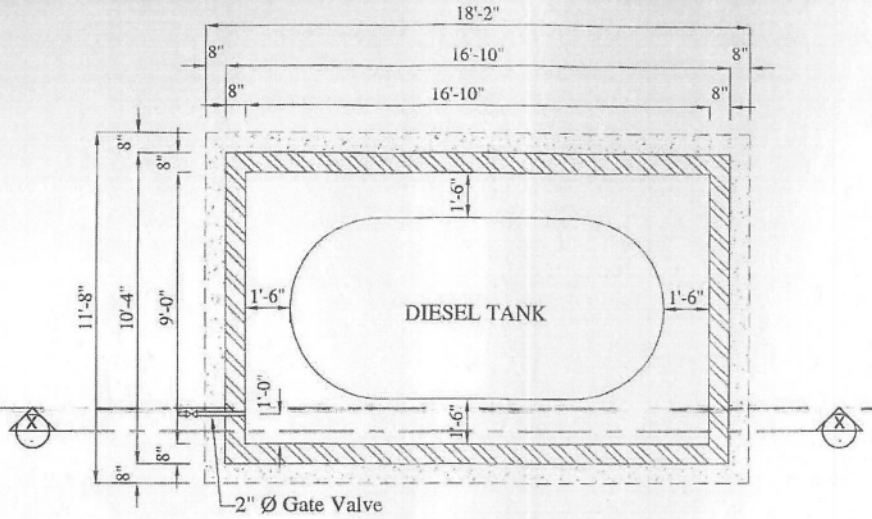
JOB TITLE: GUYANA PROJECT : GARDEN OF EDEN

DRAWING TITLE: SEPTIC TANK AND ABSORPTION TANK DETAILS

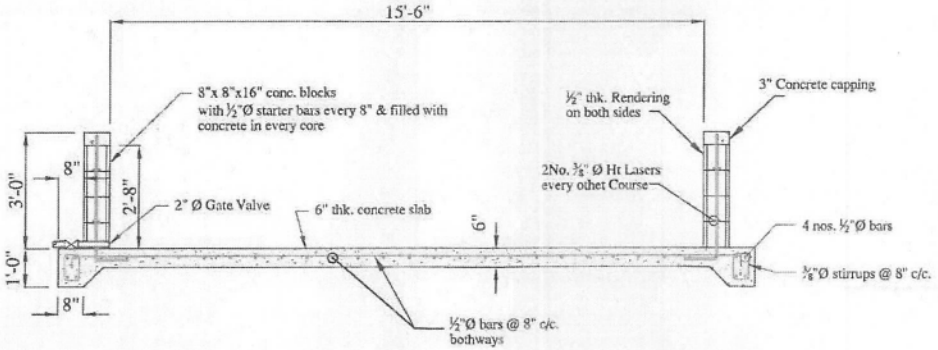
DWG NO: G.O.E- 03

JOB NO.:
DRAWN: A. Desouza
DATE:
CHECKED: N. Shah
SCALE: NTS
DESIGN: T. Persad

APPENDIX 7
Diesel Station
(Plan, Foundation and Details)
(*Drawing No. CBP-13*)



DIESEL TANK STATION
PLAN VIEW



DIESEL TANK STATION
SECTION X-X

NOTES:

(1) CONCRETE 3000 P.S.I. CYLINDRICAL STRENGTH
(2) CONCRETE COVER TO TOP AND SIDES OF FOUNDATION IS 2"
(3) CONCRETE COVER TO BOTTOM OF FOUNDATION IS 3"

REFERENCE DRAWINGS | NUMBER

NO. | DATE | DESCRIPTION | BY | APP — REVISION

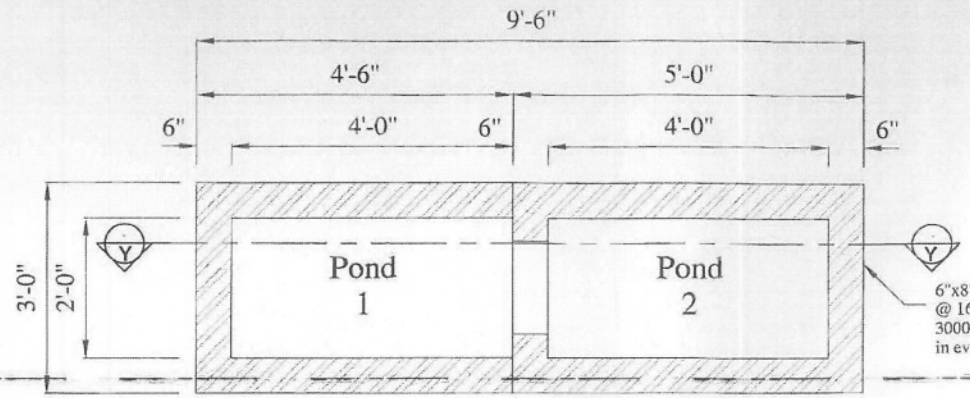
ISSUED FOR | ISSUED BY | DATE — AUTHORIZATION

DRAWN BY: -
REVIEWED BY
APPROVED BY
SUBMITTED BY
DATE:-

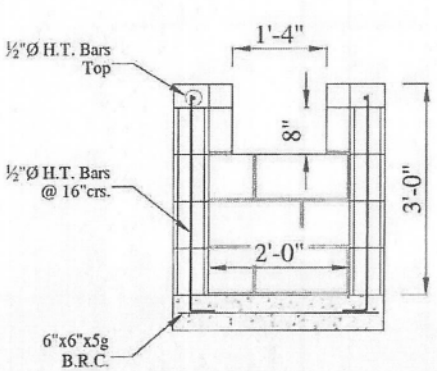
CLIENT:
PROJECT TITLE: Concrete Batch Plant
DRAWING TITLE: Diesel Station (Plan , Foundation and Details)
LOCATION
SCALE: N.T.S.
DRAWING NUMBER: CBP - 13
REV.NO: 00

APPENDIX 8
Catch Pit / Pond
(Plan and Detail)
(*Drawing No. CBP-14*)

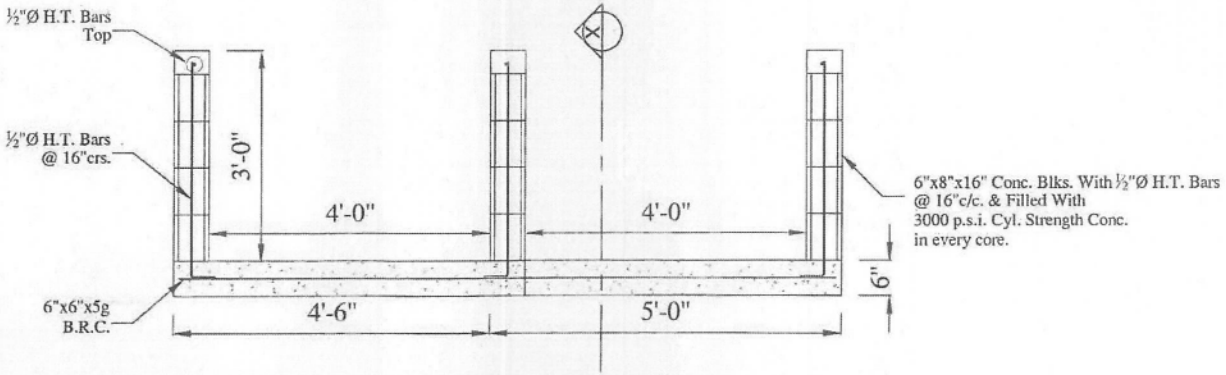
Revision No.	00	01	02	03
Date:	26-June-2025			
Prepared By:	Amanda Dasrath			
Approved By:				



POND 1 & 2
PLAN VIEW



SECTION X-X



SECTION Y-Y

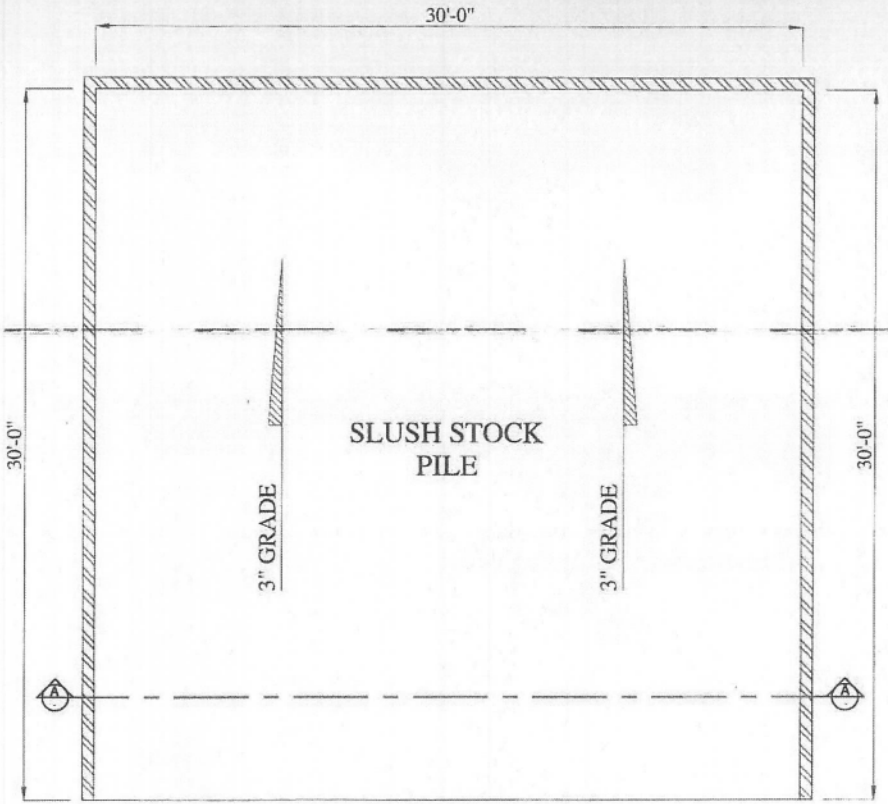
NOTES:

(1) CONCRETE 3000 P.S.I. CYLINDRICAL STRENGTH
(2) CONCRETE COVER TO TOP AND SIDES OF FOUNDATION IS 2"
(3) CONCRETE COVER TO BOTTOM OF FOUNDATION IS 3"

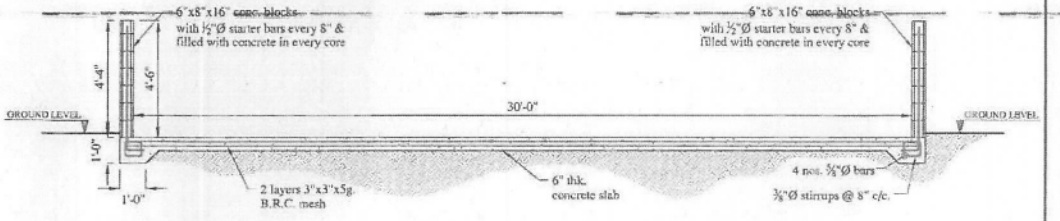
REFERENCE DRAWINGS | NUMBER | REVISION | AUTHORIZATION

PROJECT TITLE: Concrete Batch Plant
DRAWING TITLE: Catch pit / Pond (Plan and Detail)
DRAWING NUMBER: CBP-14
REV.NO: 00

APPENDIX 9
Stock Pile Area
(Plan, Foundation and Details)
(*Drawing No. CBP-15*)



SLUSH STOCK PILE AREA
PLAN VIEW



SLUSH STOCK PILE AREA
SECTION A-A

NOTES:

(1) CONCRETE 3000 P.S.I. CYLINDRICAL STRENGTH
(2) CONCRETE COVER TO TOP AND SIDES OF FOUNDATION IS 2"
(3) CONCRETE COVER TO BOTTOM OF FOUNDATION IS 3"

REFERENCE DRAWINGS | REMARKS

REVISION

AUTHORIZATION

CLIENT:

PROJECT TITLE: Concrete Batch Plant

DRAWING TITLE: Stock Pile Area (Plan, Foundation and Details)

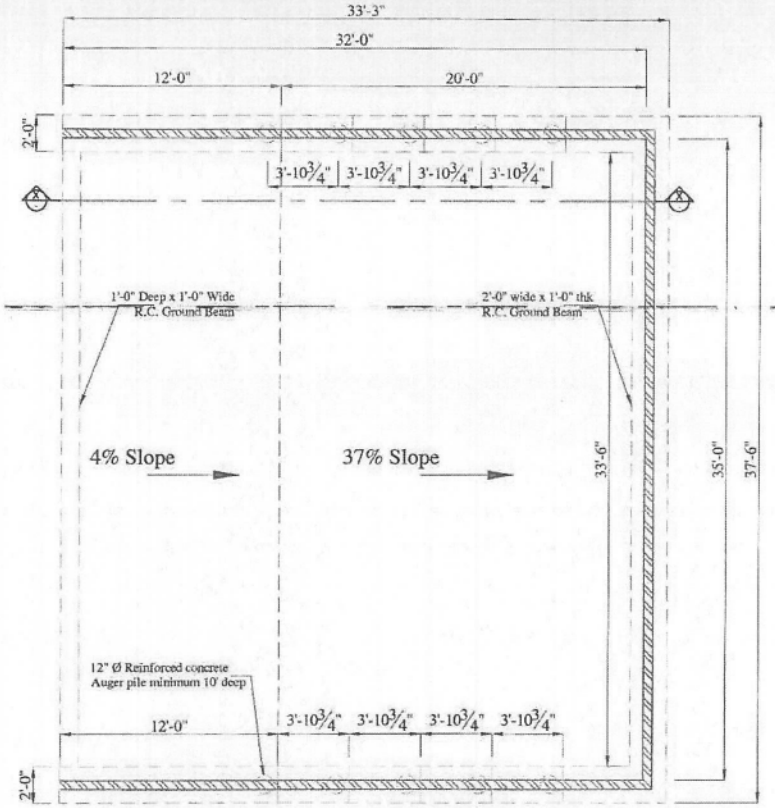
LOCATION:

SCALE: NTS

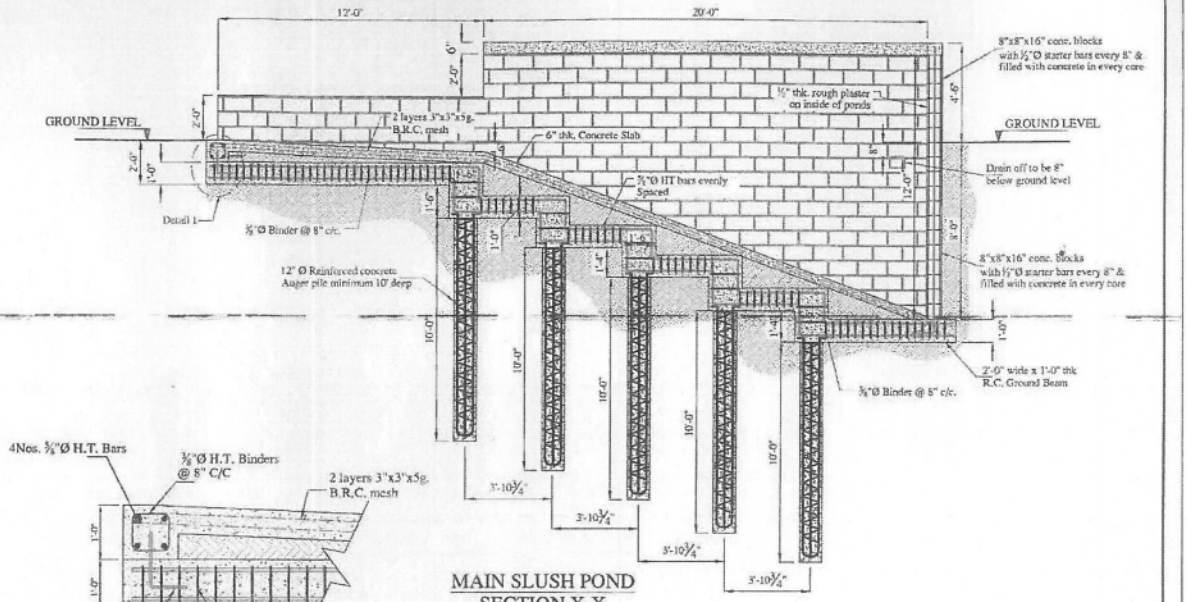
DRAWING NUMBER: CBP-15

REVISION: 00

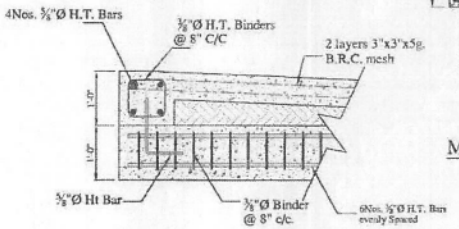
APPENDIX 10
Main Slush Pond
(Plan, Foundation and Details)
(*Drawing No. CBP-16*)



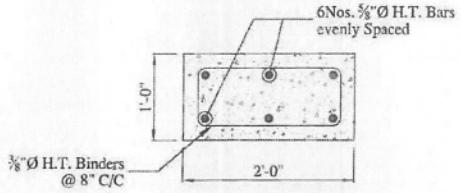
MAIN SLUSH POND
PLAN VIEW



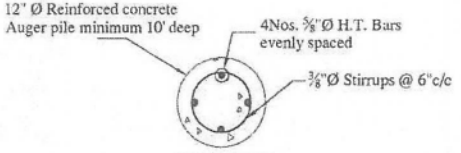
MAIN SLUSH POND
SECTION X-X



DETAIL 1



GROUND BEAM
DETAIL



PILE DETAIL

REFERENCE DRAWINGS | NUMBER

NOTES:

(1) CONCRETE 3000 P.S.I. CYLINDRICAL STRENGTH
(2) CONCRETE COVER TO TOP AND SIDES OF FOUNDATION IS 2"
(3) CONCRETE COVER TO BOTTOM OF FOUNDATION IS 3"

NO.	DATE	DESCRIPTION	BY	APP'D

REVISION

ISSUED FOR	ISSUED BY	DATE

AUTHORIZATION

DRAWN BY: -
REVIEWED BY
APPROVED BY
DESIGNED BY
DATE: -

C.O.P.

PROJECT TITLE: Concrete Batch Plant

DRAWING TITLE: Main Slush Pond (Plan , Foundation and Details)

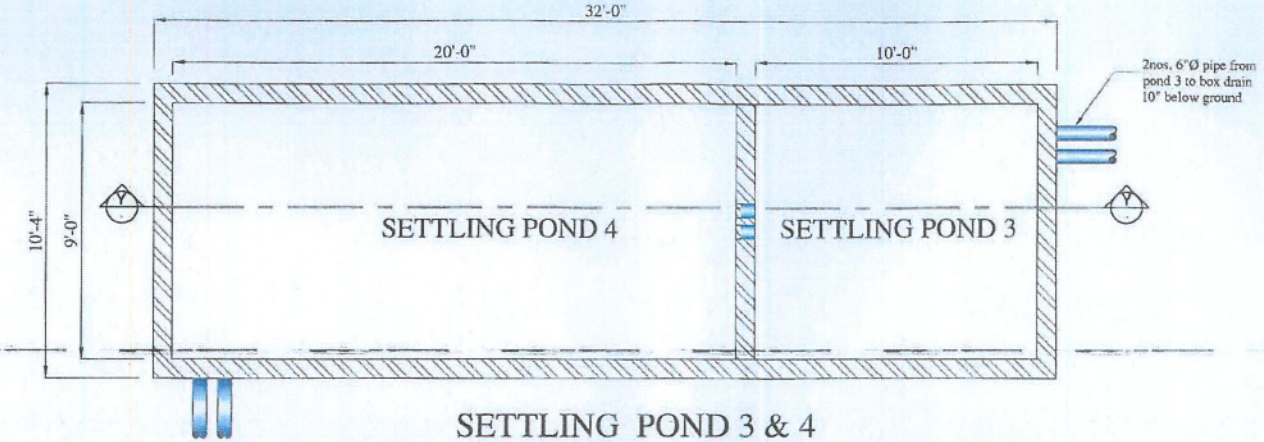
LOCATION

SCALE: NTS

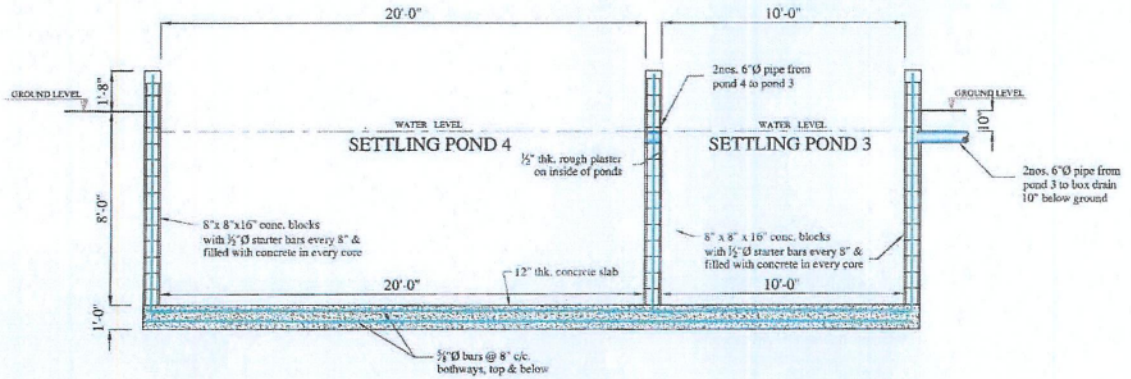
DRAWING NUMBER: CBP -16

REV.NO: 01

APPENDIX 11
Settling Pond
(Plan, Foundation and Details)
Sheet 1 of 2 (*Drawing No. CBP-17*)
Sheet 2 of 2 (*Drawing No. CBP-17a*)



SETTLING POND 3 & 4
PLAN VIEW



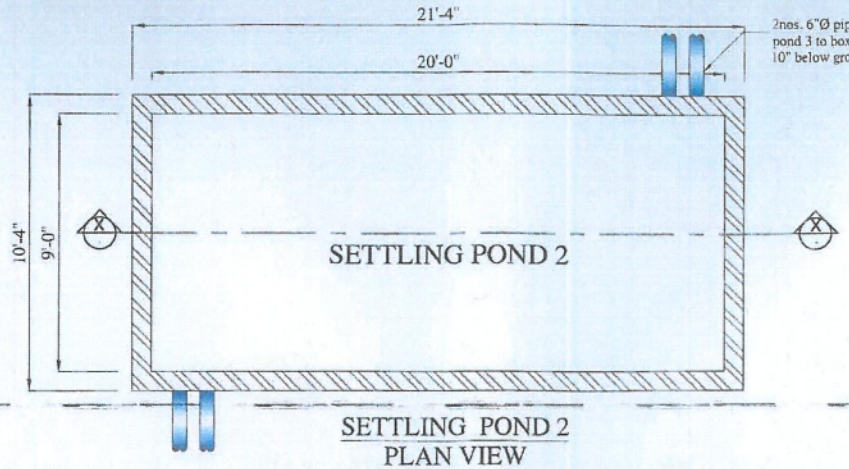
SETTLING POND 3 & 4
SECTION Y-Y

NOTES:

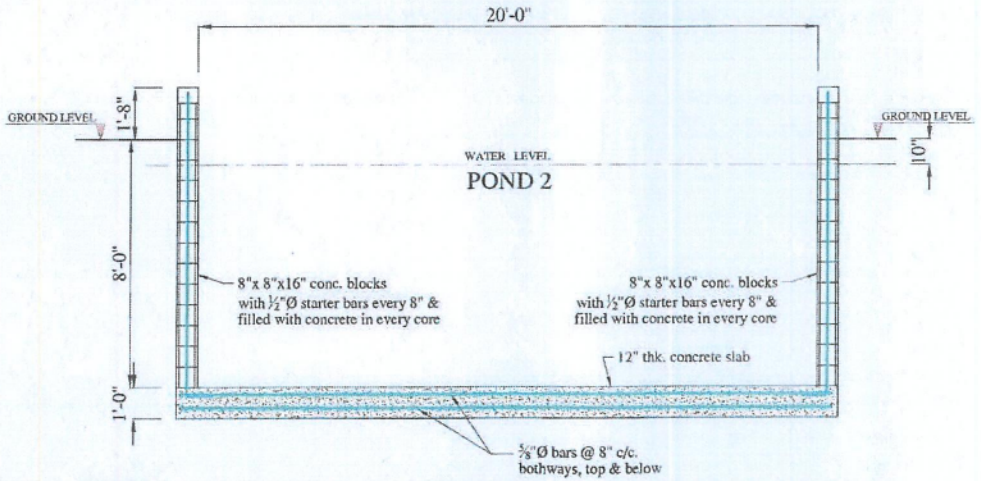
(1) CONCRETE 4000 P.S.I. CYLINDRICAL STRENGTH ON FOUNDATION
(2) CONCRETE COVER TO TOP AND SIDES OF FOUNDATION IS 2"
(3) CONCRETE COVER TO BOTTOM OF FOUNDATION IS 3"
(3) CONCRETE 3000 P.S.I. CYLINDRICAL STRENGTH FOR BLOCK INFILL

REFERENCE DRAWINGS | NUMBER | DESCRIPTION | REVISION | AUTHORIZATION

CLIENT:
PROJECT TITLE: Concrete Batch Plant
DRAWING TITLE: Settling pond (Plan , Foundation and Details) Sheet 1 of 2
DRAWN BY: -
REVIEWED BY:
APPROVED BY:
DESIGNED BY:
LOCATION:
SCALE: N.T.S.
DRAWING NUMBER: CBP -17
REV.NO: 01



SETTLING POND 2
PLAN VIEW



SETTLING POND 2
SECTION X-X

NOTES:

(1) CONCRETE 4000 P.S.I. CYLINDRICAL STRENGTH ON FOUNDATION
(2) CONCRETE COVER TO TOP AND SIDES OF FOUNDATION IS 2"
(3) CONCRETE COVER TO BOTTOM OF FOUNDATION IS 3"
(3) CONCRETE 3000 P.S.I. CYLINDRICAL STRENGTH FOR BLOCK INFILL

REFERENCE DRAWINGS | NUMBER | NO | DATE | DESCRIPTION | BY | APP | REVISION | ISSUED FOR | ISSUED BY | DATE | AUTHORIZATION

CLIENT:
PROJECT TITLE: Concrete Batch Plant
DRAWING TITLE: Settling pond (Plan , Foundation and Details) Sheet 2 of 2
DRAWING NUMBER: CBP -17a
REVISION NO: 01

APPENDIX 12

Concrete Plant Model #LP427 Foundation Layout (*Drawing No. 11313-F1*)

Concrete Plant Model #LP427 30" Radial Stacker x 70' Foundation Layout (*Drawing No. 11313-F2*)

11313	IBC 2018 & ASCE 7-16 FOUNDATION LOADS SUMMARY					
			X-DIRECTION		Y-DIRECTION	
			VERT	HORIZ	VERT	HORIZ
COLUMN	DEAD	LIVE	WIND	WIND	WIND	WIND
	D	L	+/- W	+/- W	+/- W	+/- W
F1	6.2	52.2	26.3	4.2	20.1	4.7
F2	6.5	52.3	26.3	4.2	20.1	4.7
A1	9.3	92.7	27.6	5.8	25.2	7.4
A2	9.5	92.7	27.8	5.8	25.2	7.4
B1	8.8	40.6	1.3	1.4	5.0	2.7
B2	8.8	40.5	1.5	1.4	8.0	2.7
C1	10.2	102.2	4.4	8.8	11.8	7.2
C2	10.2	102.2	4.4	8.8	11.6	7.2
E1	6.2	81.7	3.2	3.1	6.5	4.5
E2	6.2	81.7	3.3	3.1	6.8	4.6

Notes:
Loads per column shown.
Values are kips. 1 kip = 1000 pounds.
Risk Category I, V = 105 mph, Exposure C

1.) GRAVITY AND WIND LOADS ARE TABULATED ON THIS DRAWING.

2.) TABULATED LOAD UNITS ARE KIPS. 1 KIP = 1,000 POUNDS.

3.) TABULATED LOADS ARE COMPUTED AT THE BOTTOM OF BASE PLATES MANUFACTURED BY THE CONCRETE EQUIPMENT COMPANY (CON-E-CO).

4.) BASE PLATE HOLES MAY BE OVERSIZED. HEAVY PLATE WASHERS BY OTHERS.

5.) CON-E-CO DOES NOT ASSUME RESPONSIBILITY FOR FOUNDATION DESIGN.

6.) PERMANENTLY INSTALLED PLANTS CAN BE DESIGNED FOR ADDITIONAL FUTURE STORAGE. CONSULT FACTORY FOR INFORMATION AND REVISED FOUNDATION DRAWINGS.

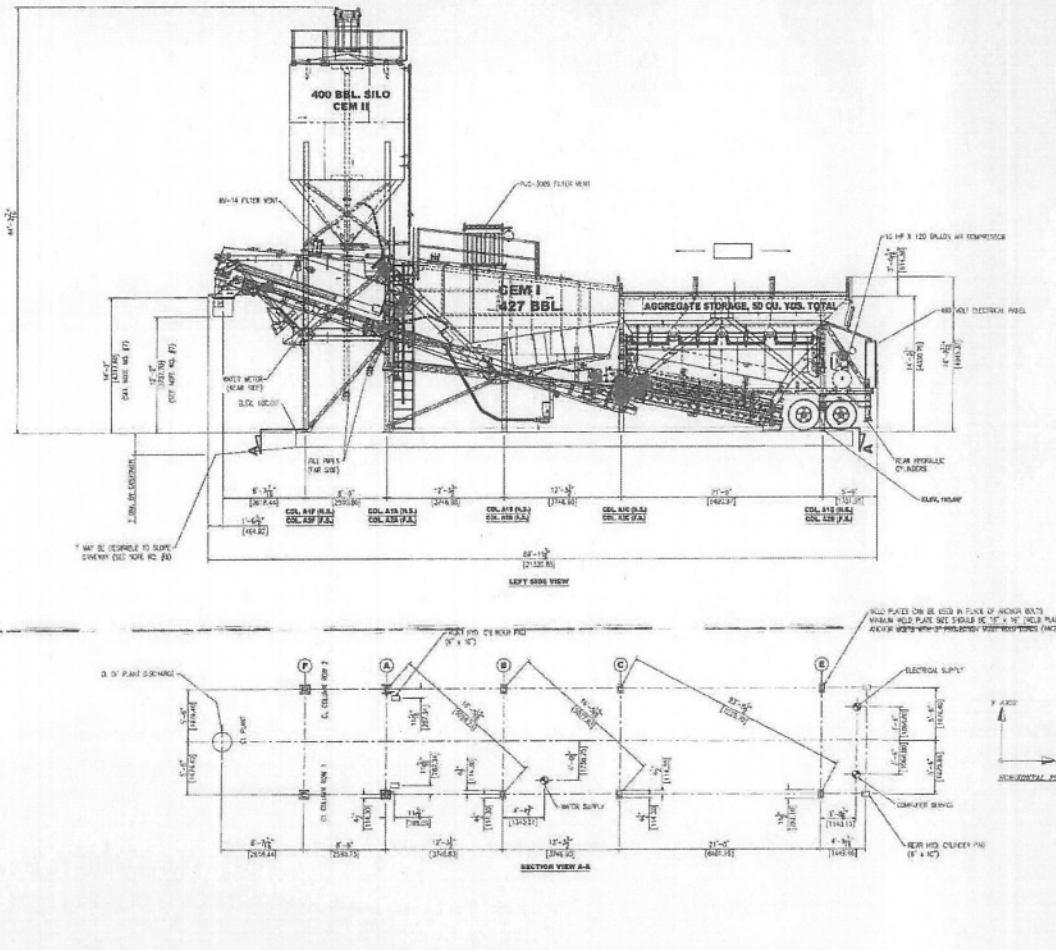
7.) VERIFY TRUCK HEIGHT PRIOR TO POURING DRIVEWAY - CLEARANCE FROM ELEVATION 100'-0" TO BOTTOM OF STEEL AT PLANT CONVEYOR DISCHARGE HOOD IS 14'-3", CLEARANCE FROM ELEVATION 100'-0" TO BOTTOM OF DISCHARGE SHROUD IS 100'-0".

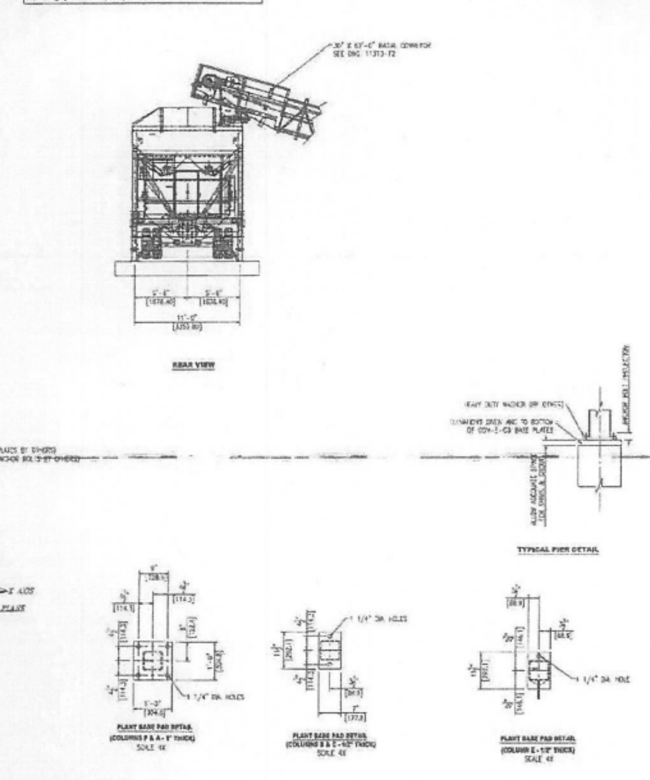
8.) MIXER TRUCK CHARGING MAY BE FACILITATED BY SLOPING MIXER TRUCK DRIVEWAY 18" IN HEIGHT OVER A RUN LENGTH EQUAL TO THE MIXER TRUCK LENGTH.

9.) VERIFY THAT ALL SERVICES (ELECTRICAL, WATER, COMPUTER, ETC.) ARE LOCATED ON THE CORRECT SIDE OF THE PLANT.

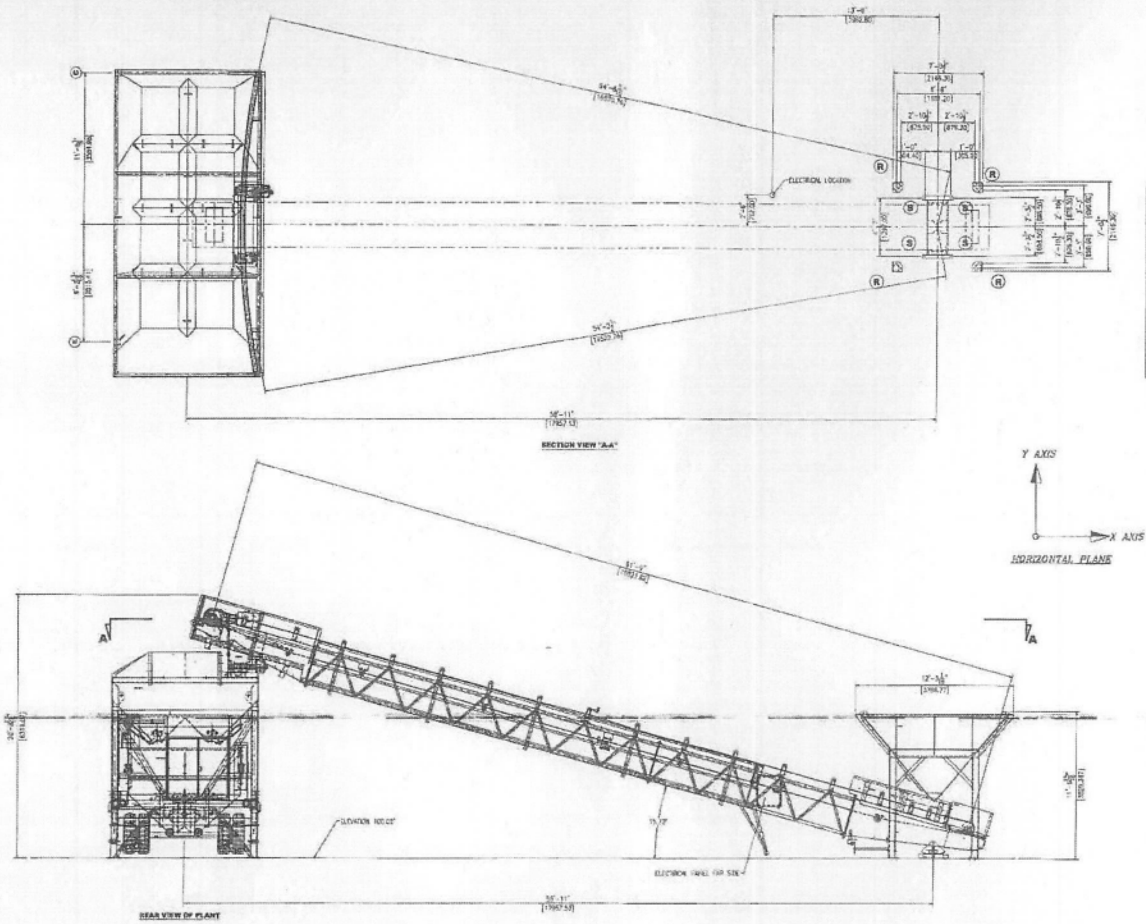
10.) CONVEYORS ARE NOT DESIGNED TO ACCEPT ANY CATWALK, DRIP PAN, OR OTHER APPURTENANCES WHICH ARE NOT EXPLICITLY SHOWN ON THESE DRAWINGS OR NOT EXPLICITLY DETAILED IN THE SALES ORDER.

11.) FOUNDATION DRAWING FOR PAD LOCATION & LOADS ONLY. PLEASE REFER TO ERECTION DRAWINGS FOR ASSEMBLY DETAILS.





SCALE	3/16"=1'-0"
DATE	7/12/2022
TITLE	LP427 FOUNDATION LAYOUT
	CON-E-CO.
SIZE	D
DWG NO.	11313-F1



1.) GRAVITY AND WIND LOADS ARE TABULATED ON THIS DRAWING.

2.) TABULATED LOAD UNITS ARE KIPS. 1 KIP = 1,000 POUNDS.

3.) TABULATED LOADS ARE COMPUTED AT THE BOTTOM OF BASE PLATES MANUFACTURED BY THE CONCRETE EQUIPMENT COMPANY (CON-E-CO).

4.) BASE PLATE HOLES MAY BE OVERSIZED. HEAVY PLATE WASHERS BY OTHERS.

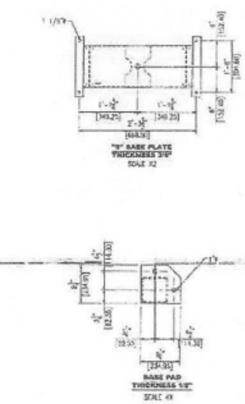
5.) CON-E-CO DOES NOT ASSUME RESPONSIBILITY FOR FOUNDATION DESIGN.

6.) VERIFY THAT ALL SERVICES (ELECTRICAL, COMPUTER, ETC.) ARE LOCATED ON THE CORRECT SIDE OF THE PLANT.

7.) CONVEYORS ARE NOT DESIGNED TO ACCEPT ANY CATWALK, DRIP PAN, OR OTHER APPURTENANCES WHICH ARE NOT EXPLICITLY SHOWN ON THESE DRAWINGS OR NOT EXPLICITLY DETAILED IN THE SALES ORDER.

11313	IBC 2018 & ASCE 7-16 FOUNDATION LOADS SUMMARY					
			X-DIRECTION		Y-DIRECTION	
COLUMN	DEAD D	LIVE L	VERT WIND +/-W	HORIZ WIND +/-W	VERT WIND +/-W	HORIZ WIND +/-W
R	6.0	9.4	2.4	1.4	2.4	1.4
S	5.0	4.3	0.1	0.4	1.8	0.9

Notes:
Loads per column shown
Values are kips, 1 kip = 1000 pounds
Risk Category I, V = 105 mph, Exposure C



SCALE	1/4"=1'-0"
TITLE	30" RADIAL STACKER X 70'-0" (308362) FOUNDATION LAYOUT
DATE	7/12/2022
DRAWN	DWL
CHECKED	US
SIZE	D
DWG NO.	11313-F2

CON·E·CO.

APPENDIX 13
Concrete Plant Manual

SITE - PREP

MODEL
LP427

SERIAL NUMBER

11313-L

DATE:
07-13-22

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WEBSITE: www.astecindustries.com

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ASTEC

FOOTING RECOMMENDATIONS

Adequate footings must be provided prior to set-up of plant. See plant assembly drawing, for column loadings, obtain a soil test and consult a professional Engineer for foundation design.

IMPORTANT:

BECAUSE OF THE RELATIVELY LARGE LOADS IMPOSED ON THE FOOTINGS, THE ALLOWABLE BEARING PRESSURE OF ALL UNDERLYING SOIL SHOULD BE DETERMINED AND OR CONFIRMED PRIOR TO AN APPROPRIATE FOOTING DESIGN. DUE CONSIDERATION FOR SETTLEMENT SHOULD BE INVESTIGATED INCLUDING THE POSSIBILITY OF A SOFT COMPRESSIBLE LAYER OF SOIL BENEATH THE TOP LAYER OF SOIL, AND ANY OTHER SOIL CHARACTERISTICS THAT MIGHT CAUSE EXCESSIVE SETTLEMENT. EXCESSIVE SETTLING OR THE LACK OF ADEQUATE UPLIFT RESTRAINT COULD CAUSE A DANGEROUS CATASTROPHE WITH COSTLY STRUCTURAL DAMAGE.

NOTE:

Portable footings may be used if a reputable professional engineer is consulted for design of the portable footings.

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SPECIAL BRACING REQUIREMENTS

CON-E-CO structural supports are designed for normal wind and adequate foundations. It may be necessary in some locations to provide additional bracing in order to comply with the design criteria of local codes for hurricane force winds or seismic loadings.

CHARGING RAMPS AND BUILDING

Charging ramps and buildings should be free standing and not dependent on the plant for structural support. CON-E-CO assumes no responsibility for damage to a plant caused by a charging ramp or building.

WATER REQUIREMENTS

The plant water may be obtained from city systems, well or surge tank. A minimum flow rate of approximately 100 to 150 GPM is advisable in order to maintain batching speed. CON-E-CO water meter will operate with much lower flow rates if required, approximately 30 GPM for 2" meter or 50 GPM for 3" meter. CON-E-CO recommends that a maximum pressure of 150 PSI not be exceeded. (The CON-E-CO water meter will handle water at temperatures ranging from 32 degrees F to 200 degrees F.) See foundation drawing for waterline location. (Location shown will work with or without CON-E-CO furnished water pump.)

GENERAL NOTES

CON-E-CO Structures are all designed to be mounted on level, rigid foundations. All foundations, permanent or temporary, must not allow more than 1/2" differential settlement or uplift between columns during or after repeated wind and/or live loads. Foundation loads are shown from specific plant configurations in site preparation drawings supplied by CON-E-CO. Added accessories such as cement silos, water tanks, conveyors, and dust control systems which are not shown on the plant's site preparation drawing cause higher stresses on the plant and larger foundation loads and/or uplifts. Consult CON-E-CO before adding anything to a plant not shown on its site preparation drawing.

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ASTEC

SPECIFICATIONS FOR MODEL 14-23 CEMENT BATCHER VENT

MODEL 14-23 SPECIFICATIONS

TOTAL CLOTH AREA	23 SQ. FT.
NUMBER OF BAGS	14
HOUSING HEIGHT	1'-10"
HOUSING WIDTH & LENGTH	0'-10" X 2'-11"
BAG CLEANING METHOD	REVERSE AIR FLOW (From batcher filling and emptying)
MAXIMUM OPERATING TEMPERATURE	170 DEGREES F
CAPACITY	180 CFM MAXIMUM
DISCHARGE SHAPE	(2) 2" X 12" SLOTS
CFM/FT² THROUGH BAGS	7.83 MAXIMUM
AIRSPEED OUT OF DEVICE	545 FT / MIN
DIRECTION OF AIR DISCHARGE	DOWN
DISCHARGE AREA	.33 FT ² (48 IN²)
NORMAL OPERATING TEMP & PRESSURE	AMBIENT
OUTLET MOISTURE CONTENT	IDEALLY ZERO

BAG SPECIFICATIONS

BAG DIAMETER	4-1/2" DIA.
BAG LENGTH	16"
CONSTRUCTION	3 X 1 TWILL
FIBER	POLYESTER
FINISH	GREIGE
WEIGHT	7.1 OZ./SQ. YD.
THICKNESS	0.019"
MULLEN BURST	275 PSI (Min)
PERMEABILITY RANGE (0.5" WATER)	30-55 CFM/SQ. FT.
BAG EFFICIENCY	99.9% (*)

BATCHER VENT	INTO BAGS
LB / HR	.00144 LB/YD ^{3} * ___YD^3/HR
GR / FT^3	.648 GR HR/LB FT ^{3} * ___LB/HR

OUT OF BAGS
FOR ALL OUT OF BAGS VALUES, MULTIPLY THE INTO BAGS VALUES BY 0.001.

* BASED ON TESTS BY THE UNIVERSITY OF TENNESSEE.

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CON-E-CO.
An Astec Industries Company

PJC Series Silo Filter Vent MAINTENANCE & OPERATION

OPERATION
The CON-E-CO Pulse Jet Cartridge Series Silo Filter Vents are designed for continuous operation and cleaning.

CARTRIDGE CHAMBER
Contaminated air enters from the bottom of the cartridge chamber and flows from the outside toward the inside of the cartridges, leaving dust particles on the outside of the cartridges. Clean air exits through the top.

CARTRIDGE CLEANING
Cleaning of the cartridges is done one row at a time. Pulse jet valves are mounted on a manifold on the filter vent and control air to the blowpipes located above the rows of pulse jet cartridges. Holes in the blowpipes centered over each cartridge opening direct air downward through a venturi into the cartridges.

Cleaning of the cartridges is accomplished by a jet of air directed downward into the cartridges. The jet of air is short duration, high velocity and directs enough air volume to reverse the flow of air for a very short time to dislodge the dust from the outside of the cartridge.

AIR PRESSURE
Air pressure at the manifold (located on the filter vent) should be maintained at 90 to 100 psi. Less than 90 psi will reduce cleaning efficiency: Greater than 100 psi will cause excessive cartridge wear.

CONTROL
The pulse jet valves are controlled by an adjustable solid-state timer board. (See timer instruction for technical and programming instructions) This timer board controls several functions as described below:

ON TIME — Pulse duration: Time that a pulse jet valve is open
ON TIME less than 100 milliseconds will result in ineffective bag cleaning
ON TIME greater than 200 milliseconds will result in excessive air usage

OFF TIME — Time between pulses:
Reducing the "OFF TIME" will keep the cartridge cleaner and decrease cartridge life.
Increasing the "OFF TIME" will allow more dust cake and increase cartridge life.

INITIAL SETTINGS
The filter vent timer control should initially be set as shown below. These settings should give the best balance of cleaning efficiency, air efficiency and cartridge life for most common applications.

ON TIME	150 milliseconds
OFF TIME	30 seconds

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FIELD OPERATION

Recommended operation of a PJC Series Silo Filter Vent

Pulse (Cleaning) Operation: The cleaning cycle of the filter vent should be activated whenever material is being loaded into silo/bin. Cleaning operation should continue for approximately five to ten minutes after loading operation has finished.

Blower Operation (if equipped): If the silo filter vent is equipped with a blower the blower will need to be activated during loading operation. Blower can be turned off once loading has been completed. To load a silo/bin with a blower on the filter vent the blower does not need to be activated to load but it will increase the speed at which loading takes place.

FILTER CARTRIDGE MAINTENANCE

The filter vent cartridges should be removed and inspected for tears or excessive buildup of material.

A visual inspection of the discharge air from the silo vent at the time a cement or flyash truck is unloading should be made on a daily basis. If it appears that dust is escaping the filter cartridges they should be removed for a visual inspection.

Filter vent equipped with a magnehelic gauge: A silo filter vent may be equipped with an optional magnehelic gauge to measure resistance to air flow through the cartridge filter media. If the filter vent is equipped with a magnehelic gauge the normal pressure should be observed and recorded at the time that a load of cement is being delivered. Normal pressure will vary between delivery trucks because the CFM of the blowers may differ. Therefore, gauge pressure for a given blower CFM needs to be recorded. After several recordings from trucks of a given CFM, a normal pressure will be determined. After the normal pressure is determined, the gauge pressure should be checked (at the time a truck is unloading) on a weekly basis to determine if the pressure is abnormally high or low (2 inches of water above or below the established normal pressure).

If the magnehelic gauge indicates a pressure out of the normal range as described above, the filter cartridges should be removed for a visual inspection.

Regular inspection of the filter vent should be at a maximum of six-month interval. General inspection of wiring, condition of door gaskets and caulked connections should be made. Also the filter cartridges should be removed for a visual inspection at this time.

SPARE PARTS

Parts should be ordered from manufacturer to insure compatibility. If parts are needed, obtain serial number from the name plate and call the factory. A complete detailed record of the vent is on file at CON-E-CO.

SAFETY INFORMATION

This CON-E-CO dust collector, like other industrial equipment, must be operated and maintained in accordance with our instructions and sound engineering practices. The user of this equipment must always be aware of the physical and chemical properties of the dust particles being collected. Materials or processes presenting such hazards must be identified by the user.

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CON-E-CO.
An Astec Industries Company

SPECIFICATIONS FOR MODEL PJC-300S CARTRIDGE DUST CONTROL

MODEL CON-E-CO-PJC-300S

NUMBER OF CARTRIDGES	8
NOMINAL CARTRIDGE DIAMETER	8"
NOMINAL CARTRIDGE LENGTH	40"
TOTAL FILTRATION AREA	304 SQ. FT.
MIN. DESIGN EFFICIENCY OF DUST COLLECTOR	99.9%
AIR TO CLOTH RATIO	5.0 TO 1.0 (CEMENT)
CAPACITY FOR CEMENT	1,500 C.F.M. (RECOMMENDED MAXIMUM)
CAPACITY FOR FYLASH	1000 C.F.M. (RECOMMENDED MAXIMUM)
DISCHARGE AREA	.67 SQ. FT.
DISCHARGE VELOCITY @1500 C.F.M.	38 FT. / SEC.
DIRECTION OF AIR DISCHARGE	DOWN WARD
DISCHARGE SHAPE	(2) 11/16 X 48" SLOTS (2) 5/8 x 30" SLOTS
NORMAL OPERATING DISCHARGE TEMP & PRESSURE	AMBIENT
OUTLET MOISTURE CONTENT	IDEALLY ZERO
CLEANING MECHANISM	PULSE JET
FREQUENCY OF CLEANING	VARIABLE

CARTRIDGE SPECIFICATIONS

CARTRIDGE DIAMETER	7 7/8" O.D.
CARTRIDGE LENGTH	39 1/4"
CONSTRUCTION	PLEATED
FIBER	SPUN BONDED POLYESTER
WEIGHT	8 OZ / SQ. YD.
PERMEABILITY (.5" WATER)	24 CFM/SQ FT

DISCHARGE INTO CARTRIDGES

CEMENT SILO	INTO CARTRIDGES
LB / HR	.177 LB/YD^3 * ___YD^3/HR
GR / FT^3	.078 GR HR/LB FT^3 * ___LB/HR
FLYASH SILO	INTO CARTRIDGES
LB / HR	.115 LB/YD^3 * ___YD^3/HR
GR / FT^3	.117 GR HR/LB FT^3 * ___LB/HR

OUT OF CARTRIDGES
FOR ALL OUT OF CARTRIDGES VALUES, MULTIPLY THE INTO CARTRIDGES VALUES BY .001

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ELECTRICAL REQUIREMENTS

11313

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It is very important to keep your electric utility company coordinated with your power requirements. The equipment listed below should be combined with other site loads such as area lighting, charging equipment, office HVAC, mixers, etc.

Setup for 460 Volt operation.

CONCRETE BATCH PLANT	HP	FLA	CB	Str	Heater	Wire Size Min	Wire Size Normal
1.5 KVA Transformer		3.26					
Cement 1AFeed	15.00	21.00	45	#2	B32	10	4
Cement 1B Feed	15.00	21.00	45	#2	B32	10	4
Cement Batcher	15.00	21.00	45	#2	B32	10	4
Incline Conveyor	15.00	21.00	45	#2	B32	10	4
Agg Batcher	15.00	21.00	45	#2	B32	10	4
L.P. Blower	5.00	6.10	15	#0	B9.10	14	10
Airslide Blower	6.70	8.10	20	#1	B11.5	14	8
Water Pump	10.00	14.00	30	#1	B22	12	8
Air Compressor	10.00	14.00	30	#1	B22	12	8
Baghouse Blower	15.00	21.00	45	#2	B32	10	4
If not all motors run concurrently, *Amps not included in total.							
Total Connected	121.70	171.46					
+25% of Largest Mot	15.00	5.25				Actual	
Running Design Load		**176.71**	Running Design			140.79	KVA
+5 x Largest Motor		105.00					
Starting Design Load		281.71	Starting Design			224.44	KVA
150 KVA Transf. Volt Drop	5.46%	Starting, and			3.42%	when running.	
225 KVA Transf. Volt Drop	3.64%	Starting, and			2.28%	when running.	

ELECTRICAL REQUIREMENTS

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AUX. CHARGING CONVEYORS

	HP	FLA	CB	Str	Heater	Wire Size Min	Wire Size Normal
1.5 KVA Transformer		3.3					
Conveyor	20.00	27.0	60	#2	B40	8	8
Traversing Drive	2.00	3.4	15	#00	B4.15	14	12
Total Connected	22.00	33.66					
+25% of Largest Mot	20.00	6.75				Actual	
Running Design Load		**40.41**	Running Design			32.20	KVA
+5 x Largest Motor		135.00					
Starting Design Load		175.41	Starting Design			139.75	KVA

75 KVA Transf. Volt Drop	6.80%	Starting, and	1.57%	when running.
113 KVA Transf. Volt Drop	4.53%	Starting, and	1.04%	when running.

GRAND TOTAL

	HP	FLA			
Total Connected	143.70	205.12			
+25% of Largest Mot	20.00	6.75		Actual	
Running Design Load		**211.87**	Running Design	168.80	KVA
+5 x Largest Motor		135.00			
Starting Design Load		346.87	Starting Design	276.36	KVA

150 KVA Transf. Volt Drop	6.72%	Starting, and	4.11%	when running.
Note: This will create a	12.53%	continuous overload w/listed items.		
225 KVA Transf. Volt Drop	4.48%	Starting, and	2.74%	when running.
300 KVA Transf. Volt Drop	3.36%	Starting, and	2.05%	when running.

APPENDIX 14
Retardant Data Sheet – Conplast RP264

Revision No.	00	01	02	03
Date:	26-June-2025			
Prepared By:	Amanda Dasrath			
Approved By:				

Conplast RP264*

Retarding water reducing admixture

Uses

- To improve the effectiveness of the water content of a concrete mix.
- To help maintain the workability of readymixed concrete deliveries in hot weather.
- To extend working times of concrete.
- Particularly suitable for use in mixes with low cohesion.

Advantages

- Water reduction significantly improves compressive strengths at all ages and enhances durability.
- Controlled retardation extends working life and stiffening time for ease of construction.
- Control of stiffening improves slip forming and assists in preventing the formation of cold joints in large pours.
- Minimised transportation delay problems maintains placeability and reduces the risk of pump blockage.
- Slight air entrainment improves cohesion in mixes with poorly graded sands or a lack of fine material, minimising bleed and segregation.
- Allows specified strength grades to be met at reduced cement content or increased workability.
- Chloride free, safe for use in prestressed and reinforced concrete.

Standards compliance

Conplast RP264 conforms with BS 5075 Part 1, ASTM C494 as Type B and Type D and BSEN 934-2.

Description

Conplast RP264 is a chloride free water reducing admixture based on selected lignosulphonate materials. It is supplied as a brown solution which instantly disperses in water.

Conplast RP264 disperses the fine particles in the concrete mix, enabling the water content of the concrete to perform more effectively. The initial hydration of the cement is also delayed, resulting in a delay in the setting time of the concrete with no adverse effect on subsequent stiffening and strength gain.

Technical support

Fosroc provides a technical advisory service for on-site

Dosage

The optimum dosage of Conplast RP264 to meet specific requirements should always be determined by trials using the materials and conditions that will be experienced in use. The normal dosage range is 0.3 to 0.8 litres/100 kg of cementitious material, including PFA, GGBFS or microsilica.

Use at other dosages

Dosages outside the normal range quoted above can be used to meet particular mix requirements. Contact Fosroc for advice in these cases.

Properties

Appearance	:	Brown liquid
Specific gravity (BSEN 934-2)	:	1.17 @ 22°C ± 2°C
Water soluble chloride (BSEN 934-2)	:	Nil
Alkali content (BSEN 934-2)	:	Typically less than 3 g. Na2O equivalent / litre of admixture

Instructions for use

Retardation

The level of retardation obtained may be varied by altering the dosage of Conplast RP264 used, which will also alter the level of water reduction obtained. Retardation is also affected by factors other than the admixture, depending on the mix details and conditions involved. Major factors include the following:

a) Cement replacement materials and SRC cements will usually give greater levels of retardation than concrete mixes made with ordinary Portland cement at the same admixture dosage.
b) High temperatures will require increased dosages to obtain the same change in stiffening time compared to a control mix.
c) Changes in cement content, source or chemistry may lead to variations in the retardation obtained. The amount of tri-calcium aluminate in the cement has been identified as being one of the main contributory factors in this respect, with a lower level leading to greater retardation.
d) The use of a combination of admixtures in the same concrete mix may alter the setting time. Trials should always be conducted to determine such setting times.

Compatibility

Conplast RP264 is compatible with other Fosroc admixtures used in the same concrete mix. All admixtures should be added to the concrete separately and must not be mixed together prior to addition. The resultant properties of concrete containing more than one admixture should be assessed by trial mixes.

Conplast RP264 is suitable for use with all types of Portland cements, SRC cements and cement replacement materials such as PFA, GGBFS and microsilica.

Dispensing

The correct quantity of Conplast RP264 should be measured by means of a recommended dispenser. The admixture should then be added to the concrete with the mixing water to obtain the best results. Contact Fosroc for advice regarding suitable equipment and its installation.

Effects of overdosing

An overdose of double the intended amount of Conplast RP264 will result in a significant increase in retardation as compared to that normally obtained at the intended dosage. Provided that adequate curing is maintained, the ultimate strength of the concrete will not be impaired by increased retardation and will generally be increased. The effects of overdosing will be further increased if sulphate resisting cement or cement replacement materials are used.

Estimating - packaging

Conplast RP264 is available in 210 litre drums and bulk supply. For larger users, storage tanks can be supplied.

Storage

Conplast RP264 has a minimum shelf life of 12 months provided the temperature is kept within the range of 2°C to 50°C. Should the temperature of the product fall outside this range then contact Fosroc for advice.

Freezing point: Approximately -4°C

Precautions

Health and safety

Conplast RP264 does not fall into the hazard classifications of current regulations. However, it should not be swallowed or allowed to come into contact with skin and eyes.

Suitable protective gloves and goggles should be worn.

Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately - **do not** induce vomiting.

For further information consult the Material Safety Data Sheet available for this product.

Fire

Conplast RP264 is water based and non-flammable.

Cleaning and disposal

Spillages of Conplast RP264 should be absorbed onto sand, earth or vermiculite and transferred to suitable containers. Remnants should be hosed down with large quantities of water.

The disposal of excess or waste material should be carried out in accordance with local legislation under the guidance of the local waste regulatory authority.

Al Gurg Fosroc LLC
P. O. Box 657
Dubai
United Arab Emirates
TEL : (04) 285 8606
FAX : (04) 285 9649

REGIONAL SALES OFFICES IN :

DUBAI	ABU DHABI	BAHRAIN	KUWAIT	OMAN	QATAR
Al Gurg Fosroc	Al Gurg Fosroc	YBA Kanoo	Boodai	GETCO	Tadmur
TEL : 285 8787	TEL : 673 1779	TEL : 738200	TEL : 481 7618	TEL : 771 5080	TEL : 441 3628
FAX : 285 2023	FAX : 673 1449	FAX : 732828	FAX : 483 2124	FAX : 771 7554	FAX : 444 0812

FOSROC constructive solutions

SAFETY DATA SHEET
CONPLAST RP264

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name CONPLAST RP264

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Chemical admixtures for concrete

1.3. Details of the supplier of the safety data sheet

Supplier

Fosroc Chemical (India) Pvt. Ltd
Embassy Point, No 150, 2nd Floor,
Infantry Road,
Bangalore - 560001
+91 80 2355 1500/ 4252 1900
+91 80 2355 1510

1.4. Emergency telephone number

Emergency telephone +91 80 2355 1500/ 4252 1900

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Carc. 1B - H350

Environmental hazards Not Classified

2.2. Label elements

Hazard pictograms

Signal word Danger

Hazard statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H350 May cause cancer.

Precautionary statements

P302+P352 IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 IF exposed or concerned: Get medical advice/ attention.
P332+P313 If skin irritation occurs: Get medical advice/ attention.
P337+P313 If eye irritation persists: Get medical advice/ attention.
P501 Dispose of contents/ container in accordance with national regulations.

CONPLAST RP264

Supplementary precautionary statements

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing vapour/ spray.
P264 Wash contaminated skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P321 Specific treatment (see medical advice on this label).
P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P405 Store locked up.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

SODIUM HYDROXIDE <1%

CAS number: 1310-73-2 EC number: 215-185-5

Classification
Skin Corr. 1A - H314

FORMALDEHYDE <1%

CAS number: 50-00-0 EC number: 200-001-8 REACH registration number: 01-2119488953-20

Classification
Acute Tox. 3 - H301
Acute Tox. 3 - H311
Acute Tox. 3 - H331
Skin Corr. 1B - H314
Eye Dam. 1 - H318
Skin Sens. 1 - H317
Muta. 2 - H341
Carc. 1B - H350
STOT SE 3 - H335

METHANOL <1%

CAS number: 67-56-1 EC number: 200-659-6

Classification
Flam. Liq. 2 - H225
Acute Tox. 3 - H301
Acute Tox. 3 - H311
Acute Tox. 3 - H331
Carc. 2 - H351
STOT SE 1 - H370

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

CONPLAST RP264

4.1. Description of first aid measures

General information	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Inhalation	Rinse nose and mouth with water.
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting.
Skin contact	Remove contaminated clothing. Wash skin thoroughly with soap and water.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	May cause coughing and difficulties in breathing.
Ingestion	May cause stomach pain or vomiting.
Skin contact	May cause severe skin irritation as well as skin sensitisation
Eye contact	Severe irritation, burning and tearing.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards	No specific hazard known.
Hazardous combustion products	Does not decompose when used and stored as recommended.

5.3. Advice for firefighters

Protective actions during firefighting	Containers close to fire should be removed or cooled with water. Fight fire from safe distance or protected location.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear suitable protective clothing, gloves and eye/face protection. Avoid contact with contaminated tools and objects.

6.2. Environmental precautions

Environmental precautions	Prevent entry into drains, sewers and water courses.

6.3. Methods and material for containment and cleaning up

CONPLAST RP264

Methods for cleaning up Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place.

Storage class Chemical storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

SODIUM HYDROXIDE

Short-term exposure limit (15-minute): WEL 2 mg/m³

FORMALDEHYDE

Long-term exposure limit (8-hour TWA): WEL 2 ppm 2.5 mg/m³
Short-term exposure limit (15-minute): WEL 2 ppm 2.5 mg/m³

METHANOL

Long-term exposure limit (8-hour TWA): WEL 200 ppm(Sk) 266 mg/m3(Sk)
Short-term exposure limit (15-minute): WEL 250 ppm(Sk) 333 mg/m3(Sk)
WEL = Workplace Exposure Limit

SODIUM HYDROXIDE (CAS: 1310-73-2)

DNEL Workers - Inhalation; Long term local effects: 1 mg/m³

FORMALDEHYDE (CAS: 50-00-0)

DNEL
Workers - Inhalation; Long term systemic effects: 9 mg/m³
Workers - Inhalation; Long term local effects: 0,5 mg/m³
Workers - Inhalation; Short term local effects: 1 mg/m³
Workers - Dermal; Long term systemic effects: 240 mg/kg/day
Workers - Dermal; Long term local effects: 37 µg/cm2

PNEC
- Fresh water, marine water; 0.47 mg/l
- STP; 0.19 mg/l
Water, Intermittent release; 4,7 mg/l
Sediment (Freshwater), Sediment (Marinewater); 2,44 mg/kg
Soil; 0,21 mg/kg

8.2. Exposure controls

CONPLAST RP264

Protective equipment

Appropriate engineering controls	Provide adequate general and local exhaust ventilation.
Eye/face protection	Chemical splash goggles and face shield.
Hand protection	Nitrile gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable.
Other skin and body protection	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Wear apron or protective clothing in case of contact.
Hygiene measures	When using do not eat, drink or smoke.
Respiratory protection	Gas filter, type A2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Brown.
pH	4.5-6.5
Initial boiling point and range	>100° C
Upper/lower flammability or explosive limits	The product is not flammable.
Relative density	~ 1.14 @ 1.2°C
Solubility(ies)	Completely soluble in water.
Explosive properties	Not considered to be explosive.
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	Does not meet the criteria for classification as oxidising.

9.2. Other information

Other information	Not determined.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability	Hazardous polymerisation will not occur.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No potentially hazardous reactions known.

10.4. Conditions to avoid

Conditions to avoid	Avoid excessive heat for prolonged periods of time.

CONPLAST RP264

10.5. Incompatible materials

Materials to avoid Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 13,888.89

Acute toxicity - dermal

ATE dermal (mg/kg) 34,316.38

Acute toxicity - inhalation

ATE inhalation (gases ppm) 363,825.36

ATE inhalation (dusts/mists mg/l) 250.0

Inhalation May cause coughing and difficulties in breathing.

Ingestion May cause stomach pain or vomiting.

Skin contact May cause Skin irritation as well as skin sensitisation.

Eye contact Severe irritation, burning and tearing.

Target organs Skin Eyes

SECTION 12: Ecological information

12.1. Toxicity

Toxicity Not considered toxic to fish.

Ecological information on ingredients.

FORMALDEHYDE

Acute aquatic toxicity

Acute toxicity - fish LC_{50}, 96 hours: 41 mg/l, Brachydanio rerio (Zebra Fish)

Acute toxicity - aquatic invertebrates EC_{50}, 24 hours: 42 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC_{50}, 72 hours: 3,48 - 4,89 mg/l, Algae

12.2. Persistence and degradability

Persistence and degradability Expected to be not readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

Mobility Soluble in water.

CONPLAST RP264

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information The generation of waste should be minimised or avoided wherever possible.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations The Manufacture, storage and import of hazardous chemicals rules 1989.

EU legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration,Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Guidance Workplace Exposure Limits EH40.

CONPLAST RP264

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information	For professional use only. Only trained personnel should use this material.
Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	10/01/2020
Revision	4A
Supersedes date	09/10/2015
SDS number	23381
Hazard statements in full	H225 Highly flammable liquid and vapour. H301 Toxic if swallowed. H311 Toxic in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H331 Toxic if inhaled. H335 May cause respiratory irritation. H341 Suspected of causing genetic defects. H350 May cause cancer. H351 Suspected of causing cancer. H370 Causes damage to organs .

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.

APPENDIX 15

Daily Plant and Slush Pond Checklist
Concrete Plant – Monthly Checklist

ProBuild Hardware and Construction Inc.

DAILY PLANT AND SLUSH POND CHECKLIST

DATE: FROM _____ TO _____ SITE LOCATION _____ PLANT # _____

NO.	ITEM	STATUS						
		SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	Inspect all Safety Equipment							
2	Check Lubricant Level in Air Lubricators							
3	Drain Water from Air Compressor Tank							
4	Check Oil Level in Air Compressor							
5	Listen for Plant Silo Filter House Venting Sequence							
6	Listen for Auxillary Silo Filter House Venting Sequence							
7	Listen for Cement Scale Filter House Venting							
8	Inspect all Conveyor Rollers, making sure they turn when belt is running							
9	Check Belt Tracking while Belt is running and Belt Fasteners for wear							
10	Listen for unusual noise (Air Leaks, Gear Grinding, Rollers Squeaking)							
11	Check Plant Catch Pit Level							
12	Check Truck Washout Slush Pond Level and Drain Out Clearance							
13	Check Slush Stockpile Level							
14	Check Water Tank Level							
	SIGNATURE:							

REV #00
FORM NO. PB/DPSPC00

ProBuild Hardware and Construction Inc.

CONCRETE PLANT - MONTHLY CHECKLIST

NO.	ITEM	DATE						
1	WASH OFF ALL SAND FROM ENTIRE PLANT							
2	CLEAN AIR FILTER ON COMPRESSOR							
3	LUBE AGGREGATE GATE SLEEVE BEARINGS							
4	LUBE ALL PIVOT JOINTS							
5	LUBE CONVEYOR HEAD AND TAIL BEARINGS							
6	CHECK BELT WEAR AND TENSION IF NECESSARY							
7	CHECK CONVEYOR SPLICE FOR FLAWS							
8	CHECK SILO SAFETY RELIEF VALVE							
9	CHECK AIR CYLINDERS FOR SIGNS OF WEAR							
10	CHECK AND ADJUST IF NECESSARY CONVEYOR SHIRT RUBBER AND BELT WIPERS							
11	CHECK MOISTURE TRAP AUTO DRAIN ON DUST VENT FOR FREEDOM OF DRAIN							
12	CHECK OIL LEVEL IN ALL GEAR REDUCERS							
13	CLEAN AND INSPECT ALL AGGREGATE BINS							
	INSPECTED / VERIFIED BY:							
	EVERY SIX (6) MONTHS							
1	CHANGE OIL IN AIR COMPRESSOR							
2	LUBRICATE MOTORS							
3	GREASE WATER PUMP BEARINGS							

REV #00
FORM NO. PB/CPMC00

APPENDIX 16

Certificate of Title –

AMAZON HOLDINGS INC.

&

RENTAL AGREEMENT –

PROBUILD HARDWARE AND CONSTRUCTION

1088/2024

Receipt No. 380221 AB		**Receipt No. 380222 AB**	
1/2 Fee	**$2,362,000.00**	**1/2 Fee**	**$2,362,000.00**
1/2 Duty	**$9,450,000.00**	**1/2 Duty**	**$9,450,000.00**

Transport.

10.

8. 6. 2024.

Guyana,
County of DEMERARA

JR *Before* Zanna Frank, Deputy *Registrar of Deeds of Guyana aforesaid*
Be it known that on this day the 12th *day of* June *in the Year Two Thousand* and Twenty-four *appeared*
CNH ESTABLISHMENT INC., a company incorporated in Guyana under the Provisions of the Companies Act of Guyana 29 of 1991 with its registered office is situate at Lot 4 Smyth Street, Georgetown, Guyana.

which appearer _____ *declared by these presents to Cede, Transport, and in full and free property to make over to and in favour of* AMAZON HOLDINGS INC., a company incorporated in Guyana under the Provisions of the Companies Act of Guyana 29 of 1991 with its registered office is situate at Lot 13 Peter's Hall, East Bank Demerara, its representatives and assigns.

R.P.

Plot lettered "CNH" comprising of tract lettered A of Lot numbered 25 (twenty-five) and portions of Lots numbered 26 (twenty-six), 27 (twenty seven) and 28 (twenty-eight) being parts of Caledonia, within the Good Success/Caledonia Local Government District, situated on the east bank of the Demerara River, in the County of Demerara, in the Republic of Guyana, bounded on the north by a piece of land known as Upper Pearl and on the South by T' Huits-Coverden, the said lots numbered 25 (twenty five), 26 (twenty-six), 27 (twenty-seven) and 28 (twenty-eight) being shown on a plan by Henry Rainsford, Sworn Land Surveyor, dated the 7th day of March, 1846 and deposited in the Deeds Registry on the 12th day of August, 1847, the said tract lettered A containing an area of 1.216 (one decimal two one six) of an acre being laid down and defined on a plan by M. A. Phang, Sworn Land Surveyor, dated 6th August, 1993 and recorded in the Department of Lands and Surveys on the 9th day of September, 1993, as Plan No. 24491 and deposited in the Deeds Registry at Georgetown on the 8th day of September, 1998 save and except those pieces of the back lands parts of the said lots transported to the East Demerara water conservancy Board on the 30th December, 1947 No. 1507, subject to an agreement for 450 feet as way leave for Electric Transmission Line executed in favour of Guyana Electricity Corporation on the 7th June, 1976, No. 230 the said plot lettered "CNH" containing an area of 5.674 (five decimal six seven four) of an acre being shown on a plan by L.L Rutherford, Sworn Land Surveyor dated the 25th day of February, 2020 and recorded in the Guyana Lands and Survey Commission on the 6th day of March, 2020 as Plan No. 74301 and deposited in the Deeds Registry at Georgetown on the 20th day of December, 2023.

Being of the value of **NINE HUNDRED AND FORTY FIVE MILLION**

Dollars of the current money of Guyana aforesaid

transported on the **28th October, 2003 - No. 2933**

The appearer ____ *acknowledging to be fully paid and satisfied for the same*

And appeared at the same time Amanda Dasrath, Director, for and on behalf of Amazen Holdings Inc. by Resolution.

who declared to accept of the foregoing Transport and to be satisfied therewith.

In testimony whereof the parties have hereunto set their hands and

I, the said Deputy *Registrar of Deeds, together with the Transport Clerk,*

have countersigned the same, the day and year first above written.

The seal of the Court being affixed hereto

The original of which this is a true copy is duly signed.

[L.S.]

Quod Attestor

J. Roberts

Asst- *Sworn Clerk ~~and Notary Public~~*

24th June, 2024.

REPUBLIC OF GUYANA

COUNTY OF DEMERARA

AGREEMENT OF TENANCY

THIS AGREEMENT OF TENANCY made and entered into the 01st day of January, 2025, Georgetown, Demerara, Guyana, by and between **AMAZON HOLDINGS INC.** of Lot 213 Republic Gardens, Peter's Hall, East Bank Demerara (hereinafter called "the Landlord") of one part and **PROBUILD HARDWARE AND CONSTRUCTION INC.** of Lot 213 Republic Gardens, Peter's Hall, East Bank Demerara (hereinafter called "the Tenant") of the other part.

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

The Landlord agrees to rent to the tenant and the tenant agrees to rent from the Landlord premises situated at Lot 25 – 28 Plantation Calcedonia, East Bank Demerara, Guyana.

1. The tenancy is for a term of three (3) years with rights to renewal for a similar period starting from 01st January, 2025 and ending 31st December, 2028.

2. That the tenant agrees to keep the internal and external parts of the said premises clean and in sanitary condition during the said tenancy and leave the same in such condition at the termination of the tenancy.

3. The tenant shall not permit or suffer to be done at the said premises anything which is a nuisance to the owners of the occupiers of adjourning premises.

4. That the tenant shall not sublet, assign or part with possession of the said premises without the Landlord's consent in writing which shall not be unreasonably withheld.

5. Any damages done to the fixtures including toilet, bath or sinks by the tenant, the tenant will be responsible for such damages.

6. One (1) month notice shall be given by either party of the other to terminate the said tenancy.

7. Any breach of the aforesaid clauses shall constitute grounds for termination of the said tenancy.

8. The tenant agrees to pay utility bills

9. That the Landlord pay the Rates and Taxes for the said premises.

10. The Landlord / Agent is entitled to inspect the premises at his own will with reasonable notification.

11. Upon giving up, all the bills must be cleared upon the date of moving.

THUS DONE AND SIGNED at the City of Georgetown, datum ut supra, in the presence of the subscribing witnesses.

.....

Landlord
AMAZON HOLDINGS INC.

.....

Tenant
PROBUILD HARDWARE AND CONSTRUCTION INC.

WITNESSES

1. .....
2. .....

Commissioner of Oaths
ABUSHAMEER KHAN J.P
Date: 07 JAN 2025
to Affidavits

APPENDIX 17
Certificate of Incorporation

PROBUILD HARDWARE AND CONSTRUCTION

Company No. 10,541

COMPANIES ACT OF GUYANA

CERTIFICATE OF INCORPORATION

PROBUILD HARDWARE AND CONSTRUCTION INC.

I hereby certify that the above-mentioned Company, Articles of Incorporation of which are attached, was incorporated under the Companies Act of Guyana on the 27th day of January, 2020.

For Registrar of Companies (Ag)

Dated this 29th day of January, 2020

REGISTRAR OF COMPANIES GUYANA

R: 399917
fee $6000
Notices $300
copies $300
$6300
27/1/2020

COMPANIES ACT OF GUYANA

(Section 5)

ARTICLES OF INCORPORATION

1. Name of Company – PROBUILD HARDWARE AND CONSTRUCTION INC.

2. The classes and any maximum number of shares that the Company is authorised to issue –

   Share Capital $1,000,000
   10,000 Ordinary Shares of the value of $100.00 each.

3. Restriction, if any, on share transfers.

   The restrictions with amendments set out in the Third Schedule (By-Laws) to the Companies Act 1991 are incorporated in the Articles of Incorporation.

4. Number (or minimum and maximum number) of Directors -

   Minimum number: one (1) - Maximum number: ten (10)

5. Restrictions if any on business the Company may carry on.

   None

6. Other provisions if any.

   The Provisions set out in the Third Schedule aforesaid.

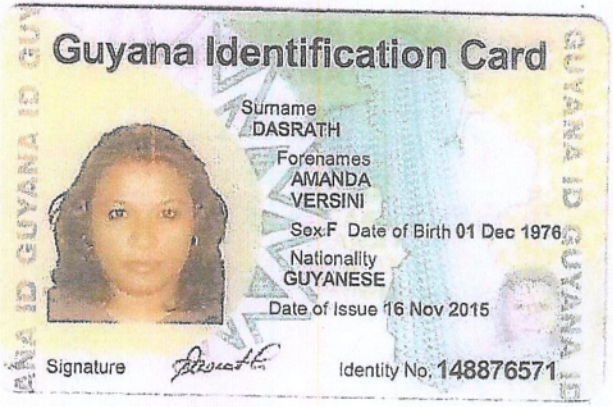
REGISTRAR OF COMPANIES GUYANA

7. Incorporator Date: 22nd January 2020

Names	Address	Signature
SACHIN MONESH RAM	1108 Section "A" Block "X" Diamond East Bank Demerara.	X

Certified a True Copy
Certifying Clerk
30/1/20

APPENDIX 18
Identification of the Permit Applicant



Guyana Identification Card

Surname
DASRATH

Forenames
AMANDA
VERSINI

Sex F Date of Birth 01 Dec 1976

Nationality
GUYANESE

Date of Issue 16 Nov 2015

Signature

Identity No. 148876571

Replacement

Identity No.
148876571

Height 161 cm

Colour of Eyes BROWN

Distinguishing Marks
NONE

Commissioner,
National Registration

APPENDIX 19
Approval from NDC and Central Housing and Planning Authority (CHPA)

CENTRAL HOUSING & PLANNING AUTHORITY
41 Brickdam and United Nations Place,
Stabroek, Georgetown.
Tel: 226-2265 Fax:225-4991
Email: info@chpa.gov.gy

Tel: (592) -227-7233

December 3, 2025

Amanda Dasrat *for*
Probuild Hardware and Construction Inc.
Lot 213 Republic Gardens
East Bank Demerara

Dear Sir/Madam:

RE: PLANNING PERMISSION FOR BUILDING WORKS

Please be advised that your **Application No. ID-4B/0010/2025** dated **October 13, 2025** for planning permission to **establish** a **Concrete Batching Plant (ONLY)** at **Plot lettered "CNH" comprising of tract lettered A of Lot numbered 25 and portions of Lots numbered 26 , 27 and 28 being parts of Caledonia, East Bank of Demerara,** has been **APPROVED** by the Central Housing and Planning Authority at its meeting held on **November 28, 2025.**

Please note the following:

1. You are required to comply with the regulations and by-laws enforced by the other relevant agencies relating to the operation of **Concrete Batching Plant.**
2. In the event that you propose to use the building for a different purpose or to intensify the scale of the development hereby permitted for this location, you **must** apply to the Central Housing and Planning Authority for further approval.
3. In the event that you fail to establish the **Concrete Batching Plant** within **two (2) years** of this approval, you **must** re-apply to the Central Housing and Planning Authority for planning permission for the property.

Note 1: ***Approval is granted on the following conditions:***

1. **The developer shall adhere to the mitigation measures stipulated by the Environmental Protection Agency.**
2. **All activities pertaining to the operation of the development must be done within the confines of the lot.**
3. **At no time must the operation of the development be a nuisances to the surrounding area in relation to noise, odor, dust or encumbrances of roadways, road reserves and driveway of neighboring properties.**

Note 2: ***Failure to adhere to the above conditions may result in revocation of this approval.***

Yours sincerely,

Rajesh Ramgolam
Secretary
Central Housing and Planning Authority

Caledonia - Good Success Neighbourhood Democratic Council

Lot 401 School Street Craig, East Bank Demerara
Tel#: 592- 266- 2239
Email Address: cgsndc@gmail.com

June 30, 2025

The Chairman

Central Housing & Planning Authority

Lot 41 Brickdam &

United Nation Place

Georgetown.

Dear Sir,

RE: NO OBJECTION TO CONSTRUCT AND OPERATE A CEMENT BATCHING PLANT.

With reference to the above caption, the Caledonia/Good Success Neighbourhood Democratic Council has NO OBJECTION for Probuild Hardware and Construction INC. to construct and operate a Concrete Batching Plant at lots 25 to 28 Caledonia, East Bank Demerara within the Caledonia/Good Success Neighbourhood Democratic Council District, as per Agreement of Tenancy dated January 01, 2025, by and between Probuild Hardware and Construction INC. of Lot 213 Republic Gardens, Peter's Hall, East Bank Demerara, herein after called the Tenant and Amazon Holdings INC., herein after called the Landlord of 213 Republic Gardens, Peter's Hall, East Bank Demerara.

NB: This NO OBJECTION is hereby issued with the understanding that the Applicant: Probuild Hardware and Construction INC. adhere to all the rules and regulations of all the relevant Agencies.

All for your information and guidance.

Yours Sincerely,

Dwarka Nauth

Chairman
Caledonia Good Success
Neighbourhood Democratic Council

Dwarka Nauth

Chairman

Caledonia - Good Success Neighbourhood Democratic Council

Lot 401 School Street Craig, East Bank Demerara

Tel#: 592- 266- 2239

Email Address: [redacted]

June 27, 2025

TO WHOM IT MAY CONCERN

This is to certify that the Caledonia/Good Success Neighbourhood Democratic Council has NO OBJECTION for Probuild Hardware and Construction Inc. of Lot 213 Republic Gardens, E.B.D to construct and operate a Concrete Batching Plant at plot Lettered 'CNH' compromising of tract lettered 'A' of lots numbered 25 (twenty-five) and portions of Lots numbered 26 (twenty-six), 27 (twenty-seven) and 28 (twenty-eight) being parts of Caledonia, within the Caledonia/Good Success Neighbourhood Democratic Council District, East Bank Demerara, as per Agreement of Tenancy, dated January 01, 2025 between Amazon Holdings Inc. of lot 213 Republic Gardens, Peter's Hall, E.B.D (herein after called the Landlord) of one part and Probuild Hardware and Construction Inc. of lot 213 Republic Gardens, Peter's Hall, E.B.D (herein after called the Tenant) of the other part. This NO OBJECTION is hereby issued with the understanding that the Applicant adhere to all the rules and regulations of all the relevant agencies.

All for your information and guidance.

Yours Sincerely,

Dwarka Nauth

Chairman
Caledonia Good Success
Neighbourhood Democratic Council

Dwarka Nauth

Chairman