

Appendix III



Florence Hall Housing Development Project Brief Diesel Storage Tank

The proposed storage tank will contain diesel fuel which will be supplied and installed by Cool Petroleum. Only one tank will be erected. The infrastructural design as shown on the engineer's blueprint includes a plan for the containment bund wall, elevations and details for a 3000 gallon storage tank. The tank will have a steel casing and will be located as an Above-ground Storage Tank (A.S.T.) compact with 3000 gallons of diesel fuel. The bund wall will be 3' 0" from ground level and the tank will be sited on a 6" thick well compacted marl and 6" thick C/C slab to support a pressure of 3000 psi. The slab detail includes a 6" block wall rendered, with each pocket filled with a 1:2:3 C/C mix.

The leak detection system for the diesel storage tank will combine the following elements.

1. Daily visual tank and bund inspections. The storage area and fuel tank will be monitored daily to check for leaks or spilt fuel.
2. Stock reconciliation. Fuel gauges will be read daily to track stock levels and ensure losses are negligible. If a spill were to occur the capacity of the containment bund is sized to accommodate more than the volume of the fuel that is stored within the tank, and to restrict fuel contamination.

All the details including the plan view of the bund wall and fuel tank, the cross-section, stiffener detail, slab detail, blockwall detail and elevation detail are shown on the blueprint. This facility will be used to supply diesel fuel for the concrete mixer trucks which will service the batching plant. The location of the A.S.T. will be to the north east of the property, at the location designated for the batching plant. The location is as indicated on the enclosed map.

Development Proposed by

Gore Developments Limited

2c Braemar Avenue

Kingston 10, Jamaica

Tel: 876-927-5323, 5816 Fax: 876-978-2970

Email: housing@goredevelopments.com

www.goredevelopments.com