

PROPOSED CEMETERY LANDS PART OF THETFORD PEN AND THARP PEN

PROJECT BRIEF



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Planning Department

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Background

Parish overview

St. Catherine, which lies west of St. Andrew, south west of St. Mary, South of St. Ann and East of Clarendon; is the fourth largest parish on the island with an approximate area of 1,192km², and a population of 518,345 (STATIN Population Census 2011). A four-lane highway connects Spanish Town with Kingston, the nation's capital. With the increase of the rural to urban migration, the Parish of St Catherine has played a role in offsetting some of the Short falls/ spill over from Kingston. This is evident in the development of Portmore and the expansion of Spanish Town and now Old Harbour (especially since the introduction of the East West corridor of High Way 2000).

Old Harbour has over the years grown as it relates to the expansions that have been made in the area as it relates to commercial activities and especially residential developments in recent years. Old Harbour has one of the highest and fastest growth rates in Jamaica and is projected to remain so in the future. In the 1970's the population was 5,097 and in 41 years later the town grew at a rate of approximately 14.2% and continues to grow.

Current Situation

The St Catherine Parish Council has the responsibility for the management of eight (8) public cemeteries with an additional seven (7) properties recently acquired to be operational at a later date. Despite the fact that the Council has eight (8) properties managing for the purpose of public cemetery, the bitter reality is that one is now closed (No. 5 Cemetery which serves the Spanish Town area), and the others are nearing their capacity. Consequently, the Council has decided to identify other properties that will be able to receive this overflow.

For the purpose of this report all discussions will be surrounding the property at Thetford Farms located in Church pen which is to serve for Spanish Town and Old Harbour. The towns' of Old Harbour and Spanish Town are served by:

Spanish Town

- ✓ **No. 5 Cemetery (Now Closed)**

Old Harbour

- ✓ **Church Pen (nearing Capacity)**
- ✓ **Old Harbour Bay (nearing Capacity)**

Project Details

The Saint Catherine Parish Council has decided to undertake a project with the aim of creating a public cemetery within the Thetford Pen Area geared towards providing an alternate site for the No. 5 cemetery in Spanish Town (closed) and the church pen and Old Harbour Bay cemeteries as these lands spaces have almost reached their threshold.

The development of the cemetery will be executed in five phases. The phase's composition is as follows:

BLOCK A

Comprised of Sections **A-F** and **L-Q**

Appx 4,778 plots

BLOCK B

Comprised of Sections **T-Z** and **AA-AE**

Appx 5,537 plots

BLOCK C

Comprised of Sections **G-K** and **BB-BF**

Appx 4,277 plots

BLOCK D

Comprised of Sections **AQ-AZ** and **BA**

Appx 5,456 plots

BLOCK E

Comprised of Sections **BG** and **AF-AP**

Appx 5,503 plots

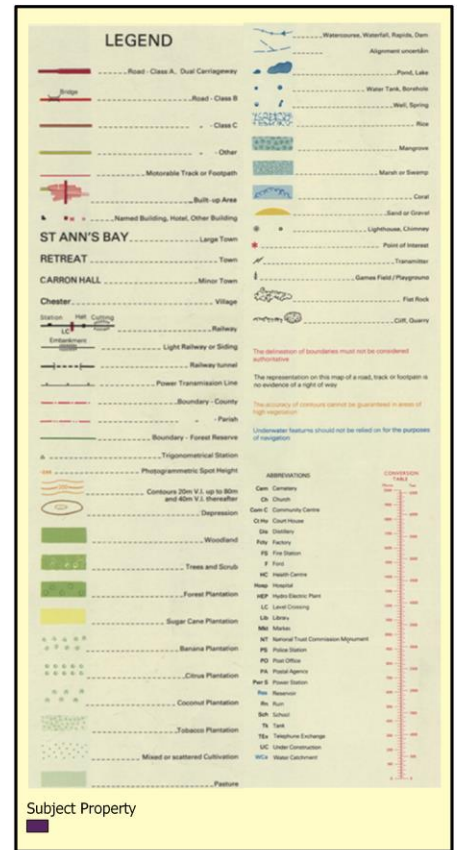
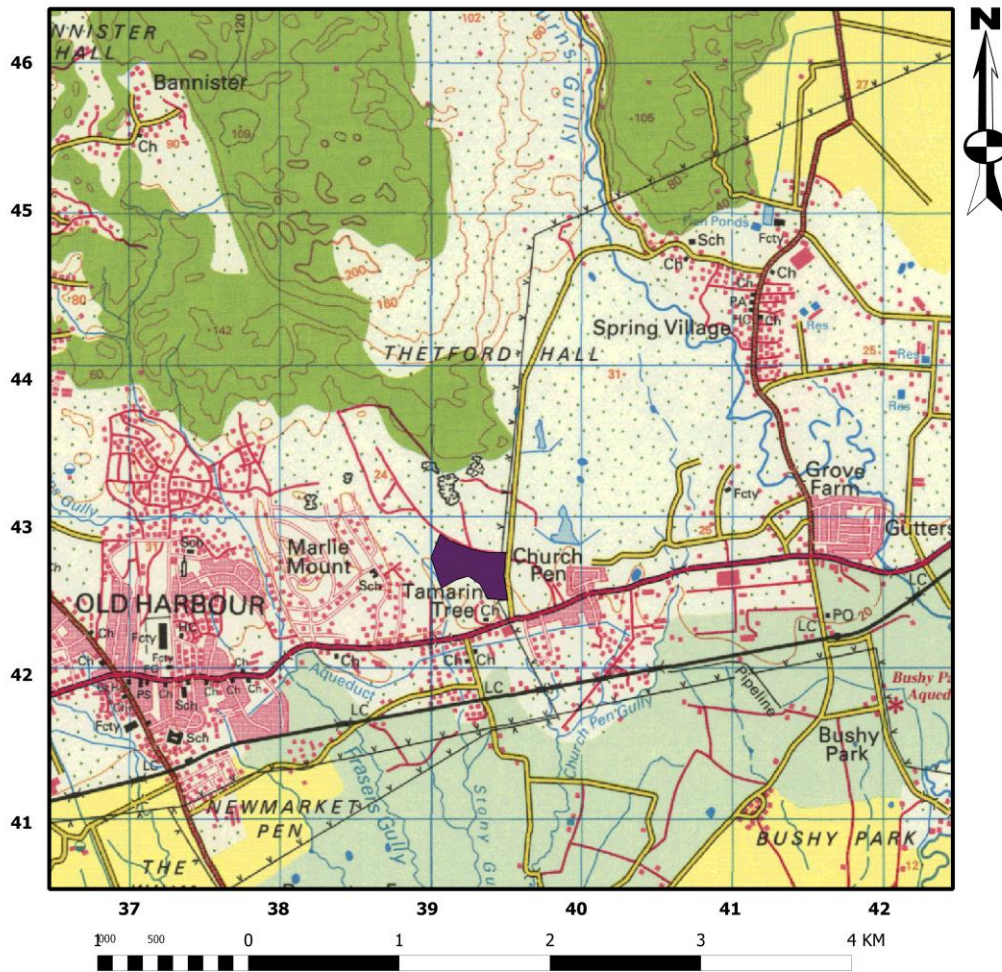
The Council is also in receipt of approval from the ministry of Agriculture and Fisheries and the Water Resources Authority (See attached). Light and water will be obtained through an application to the Jamaica Public Service Company Limited and the National Water Commission.

Site Location and Description

PART OF ST. CATHERINE- CHURCH PEN AND ITS ENVIRONS

SHEET1

1:50,000



Created by: St. Catherine Parish Council- Planning Department
Date : August 7, 2013
CRS : JAD2001

The property is located approximately 2.8 km from the town of Old Harbour and 0.2km from Church Pen community. The property is bounded as follows:

- ✓ North Runiate/ Sparse Residential
- ✓ East Runiate/ Sparse Residential
- ✓ West Residential
- ✓ South Runiate/Institution/Sparse Residential

The land is generally flat with a slight slope to the south-western section of the property. The natural drain of the property flows to the southern section of the property towards the earth drain.

Design and Layout

The property will be served by four roads for which strategic intervals will be laid with square blocks for the foot path leading into each section. A sign directory is to be established with a graphical

Design and Layout Cont'd

display of the site identifying each section leading to each plot. Each section will have an inset map identifying the plots for ease of reference.

- ✓ The total area of land being to be utilized is 100,003.476sq.m (25Acres appx).
- ✓ The lot sizes range from 735.986sq.m to 3182.873sq.m.
- ✓ The property is divided into 59 sections/ Blocks for burial for which an estimated 25,551 plots (this figure will be increased when the apportionment of two tiered plots are established).

- **The Council has plans to undertake 2 tiered, and single plots for which**
 - 40 sections will be utilized for two (2) tiered burials (17,323 plots appx.)
 - 17 Sections will be utilized for one (1) tiered burials (7,362 plots appx)
 - 2 Sections Will be used for one (1) tiered burial that will accommodate sepulchres (866 plots appx)
 - Estimated total of vaults:
 - Double Vaults = 34,646^(+/- 10% of estimated quotation)
 - Single Vaults = 8,228^(+/- 10% of estimated quotation)

Total Estimated Vaults = 42,874^(+/- 10% of estimated quotation)

- **The Spatial allotment for the property is as follows:**
 - Total area reserved for Burial 77,501.149m² (19.1509Acres appx).
 - Total area reserved for Chapel and Parking 3,182.873 (0.7865 Acres appx)
 - Total area reserved for Reserved Road/ walkway 19,319.454 (4.7739 Acres appx)
- **Burial Density is 1,915 plots per Acre or 4,762 plots per Hectare (see calculation below)**

Estimate plot size with a ½ ft buffer all around = 6.5ft x 3.5ft

$$\text{i.e.} = 22.75\text{ft}^2 (2.1135\text{m}^2)$$

$$\text{Total Area allotted for Burial} = 77,501.149\text{m}^2 \text{ or } (19.15 \text{ Acres})$$

$$\text{Therefore Density} = \frac{77,501.149}{2.1135}$$

$$19.15$$

$$= \frac{36,669.576}{19.15} \text{ plots}$$

$$19.15$$

$$= \underline{\underline{1,915 \text{ plots / Acre}}} \text{ appx}$$

Design and Layout Cont'd

- ✓ The proposal for the reservation of the pauper sections is set at 5% of each section for which will be reviewed
- ✓ Phase two (2) onwards will commence upon 70% completion of the previous phase for which, the roads servicing same will be constructed.
 - The road surface will be concreted with a curb wall
- ✓ A 4ft 6Inch perimeter wall has been constructed to enclose the property
- ✓ A Chapel will be constructed for the purpose of hosting funeral services
 - Sewage treatment and disposal for the Chapel shall be effected as under
 - Septic Tank followed by Tile Field at a capacity of at least 50 persons
- ✓ Water Supply shall be effected via the National Water Commission (NWC)
- ✓ Solid waste disposal shall be effected through the services of the Municipal Parks and Markets (MPM) division within the National Solid Waste Management Authority (NSWMA)

Appendix

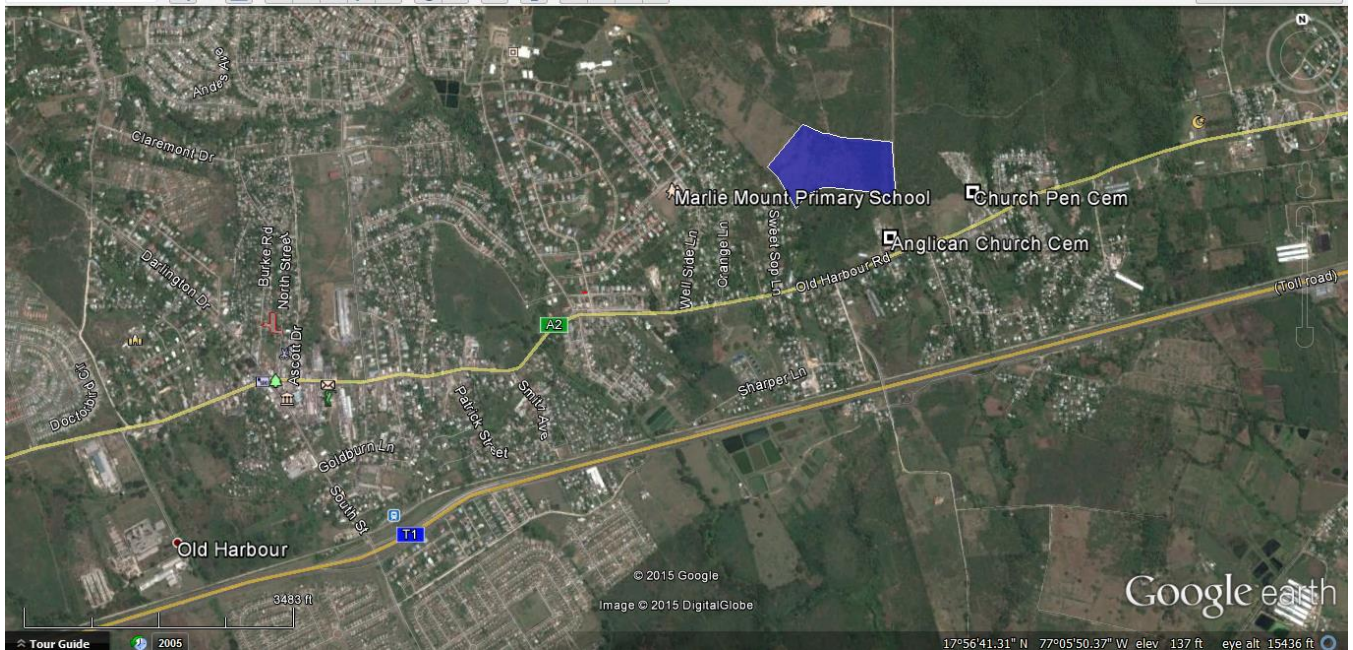


Figure 1-Highlighting Subject property in Blue

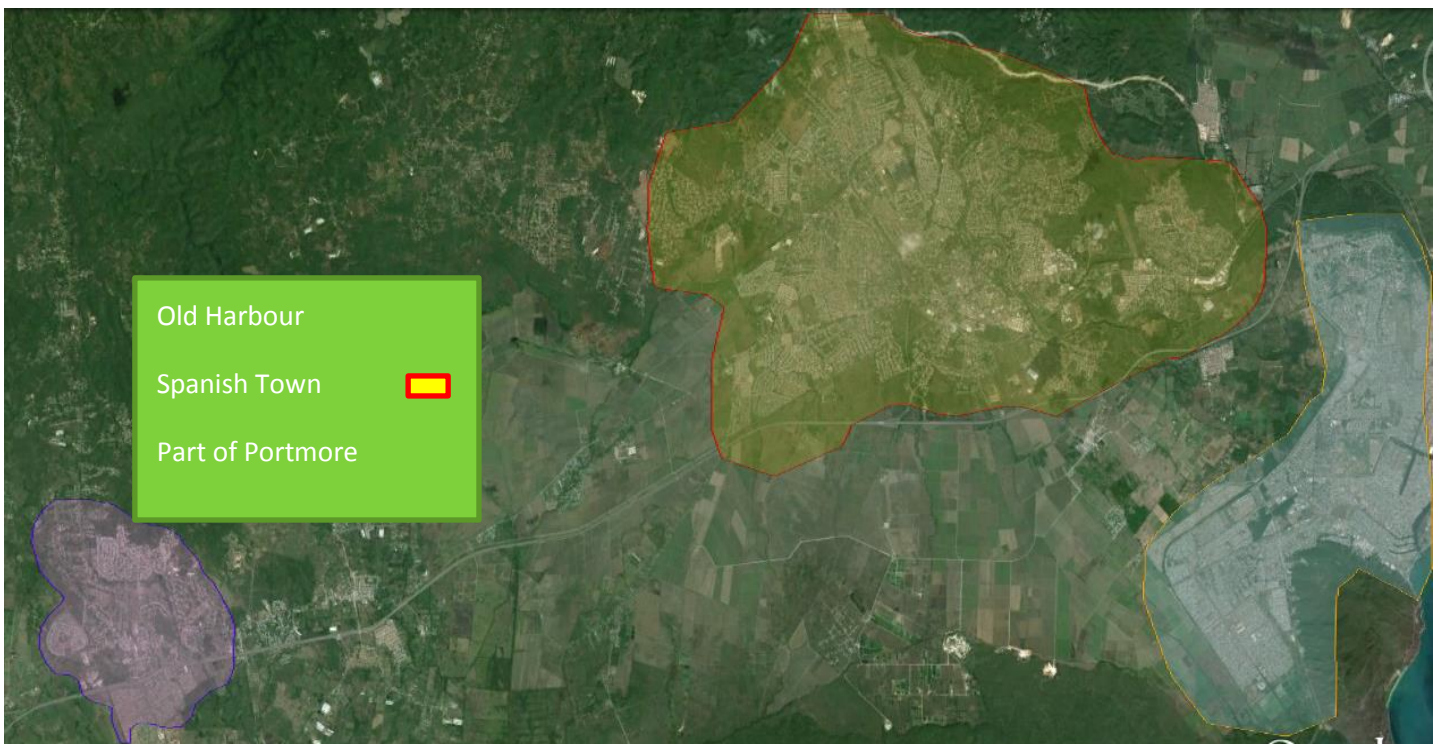


Figure 2. Wider base map: Location of Old Harbour in relation to other Towns.

(Google Earth)



Figure 3 highlighting the proposed head stones

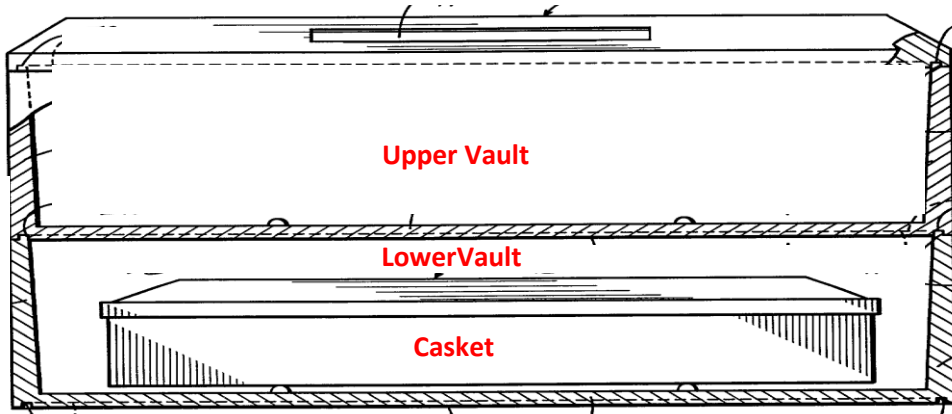


Figure 4- Tier 2 Burial Plots side elevation

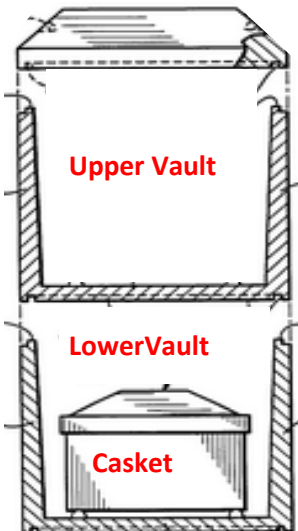


Figure 5- Tier 2 Burial Plot front Elevation