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NH/440/H/01



METHOD STATEMENT
FOR THE DEMOLITION OF THE
SISTER'S QUARTERS
AT
OLD ST BERNARD'S HOSPITAL
CASTLE ROAD
GIBRALTAR

Client : **GOVERNMENT OF GIBRALTAR**
Project Manager : **MINISTRY OF EDUCATION**
Date : **MARCH 2013**

DIRECTORS: **M. E. BELILO** MBE EUR ING CEng FICE
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**METHOD STATEMENT FOR THE DEMOLITION OF THE OLD ST BERNARD'S HOSPITAL
SISTER'S QUARTERS**

SECTION A - GENERAL BACKGROUND INFORMATION

1.0 LOCATION:

The site of the demolitions covered by this Method Statement is located on the West side of Castle Road, to the North of Hospital Hill and South of the Old St. Bernard's Hospital

See Sketch No. 440/H/01, Location plan, which forms part of this Method Statement.

2.0 ACCESS:

Access to the site for the demolitions will be from Castle Road and Hospital Hill. See Sketch No. 440/H/01, Location plan

3.0 DOCUMENTS

This method Statement for the Demolition of the old St. Bernard's Hospital Sister's Quarters forms part of a Building Application for the said demolitions. This Method Statement is to be read in conjunction with the following documents:

- Building Application Form
- Location Plan No. 440/H/01
- Demolition Permit (to be issued)
- Demolition Contractor's, Health & Safety Plan & Risk Assessments (to be issued)

There were no record, construction or as-built drawings of the buildings available at the time of preparation of this Method Statement.

4.0 GENERAL INFORMATION:

This is a five storey building built to the back of the footway on the East and South side. There is a car park on the West side and the building is separated from the buildings on the North side by a narrow passageway. The building corresponds to part of Crown Property No 930.



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5.0 CONSTRUCTION:

In plan the building has a main rectangular section approximately 17m x 12m and a wing approximately 16m x 6m.

The building comprises brick/masonry walls. The main section has a conventional timber joist and purlin roof with profiled metal sheeting. The wing has a flat roof. It is considered that the foundations will be mass concrete and that the ground floor is a ground bearing concrete slab.

Internally the building is divided with brick/masonry partitions. The floors are timber boards on timber joists.

External windows are a mixture of relatively modern aluminium frames and timber frames.

Internal doors and frames are of woodwork construction.

6.0 INTENTION:

It is the Client's intention to demolish the building and to replace it with a new school building.

7.0 ENGINEER:

The Supervising Engineer for the demolitions will be a suitably qualified technical member of Belilos Ltd., Consulting Civil & Structural Engineers.

8.0 FOREMAN:

The demolition Contractor will require to have an experienced foreman in charge of the demolitions.

9.0 CLEARANCES:

Prior to the demolitions works proper, clearances must be obtained from the relevant utilities (Gibraltar Electricity Authority, AquaGib, Gibtelecom and the Establishment Works Consultant, representing the MOD), as to their respective services having been disconnected.



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10.0 HOARDINGS AND SCAFFOLD:

A scaffold will be erected on all four sides of the building to be demolished. On the South and East sides which abut the public highway hoarding will be erected and a protective fan attached to the scaffold.

Access from Hospital Hill to a public car park is required to be kept open at all times. This will require a scaffold to be designed and provided by a specialist contractor to span over the highway which at the entrance to the car park is not sufficiently wide to allow erection of a scaffold and to allow safe passage of vehicles.

11.0 NOTICES:

The Contractor will be required to provide and erect suitable "DANGER - Demolition in Progress" signs at the two ends of the demolition site along Queensway and Reclamation Road.

12.0 REMOVAL OF RUBBLE:

All rubble and debris is to be loaded on to tipper lorries by mechanical means, and carted away to tip.

13.0 AVOIDANCE OF NUISANCE:

The Contractor will be required to remove rubble from site as the demolitions proceed.

The Contractor will be required to maintain all Public Highways in the vicinity of the site, clean and swept on a daily basis. All demolition is to be carried out in such a manner to cause as little inconvenience to the general public. Debris is to be kept well watered during the works, to prevent excess dust.

14.0 MATERIALS:

All materials arising from the demolitions will become the property of the Contractor, and together with all debris and rubble is to be carted away to tip.



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15.0 HAZARDOUS MATERIALS:

No hazardous materials have to date been identified during the inspections carried out by the Client, or the Supervising Engineer. In the event that during the demolitions any hazardous materials were to be discovered, the Contractor will immediately inform the Supervising Engineer who will issue instructions on how to deal with the situation.

16.0 BURNING ON SITE:

Should the Contractor intend to carry out burning of combustible materials on site, he must seek the prior authority of the City Fire Brigade, and inform the Supervising Engineer.

17.0 ADJOINING BUILDINGS:

The scaffold on the North side of the building will be sheeted to protect the adjoining buildings which are part of the Old St. Bernard's Hospital



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6.0 ROOF STRUCTURES:

6.1 Roofing Sheets:

Cut off the roofing sheet bolts and carefully lower the profiled roofing sheets to ground level.

6.2 Flat Roof Structure:

The flat roof covering to be removed and taken to an approved tip. Secondary timber to be removed and taken to tip and then the main beams are to be carefully lowered to the ground.

7.0 DEMOLITION PROCEDURE:

- 7.1 All demolitions will be carried out using hand held tools starting at the top level and working down sequentially floor by floor. Large items will be lowered to the ground using hoists or block and tackle. Shutes will be used to bring brick rubble to the ground.
- 7.2 The rubble generated by the demolitions will be scooped up by means of a mechanical shovel and loaded onto tipper lorries, and carted away to an approved tip.
- 7.3 Once the building has been demolished to the level of Hospital Hill the Engineer will assess the extent of support to Hospital Hill provided by the external walls of the ground floor at the West elevation. This assessment may result in temporary propping being required to allow demolition of the ground floor and may require new structures to be provided to secure the retaining wall to allow construction of the new buildings.
- 7.4 On completion of all demolition works the Contractor will thoroughly sweep up the whole site. Removal of hoardings and erection of fencing will be reviewed near to the end of the demolition works and will depend upon the use of the site for the proposed Car Park. This will form the basis of a future Building Application.

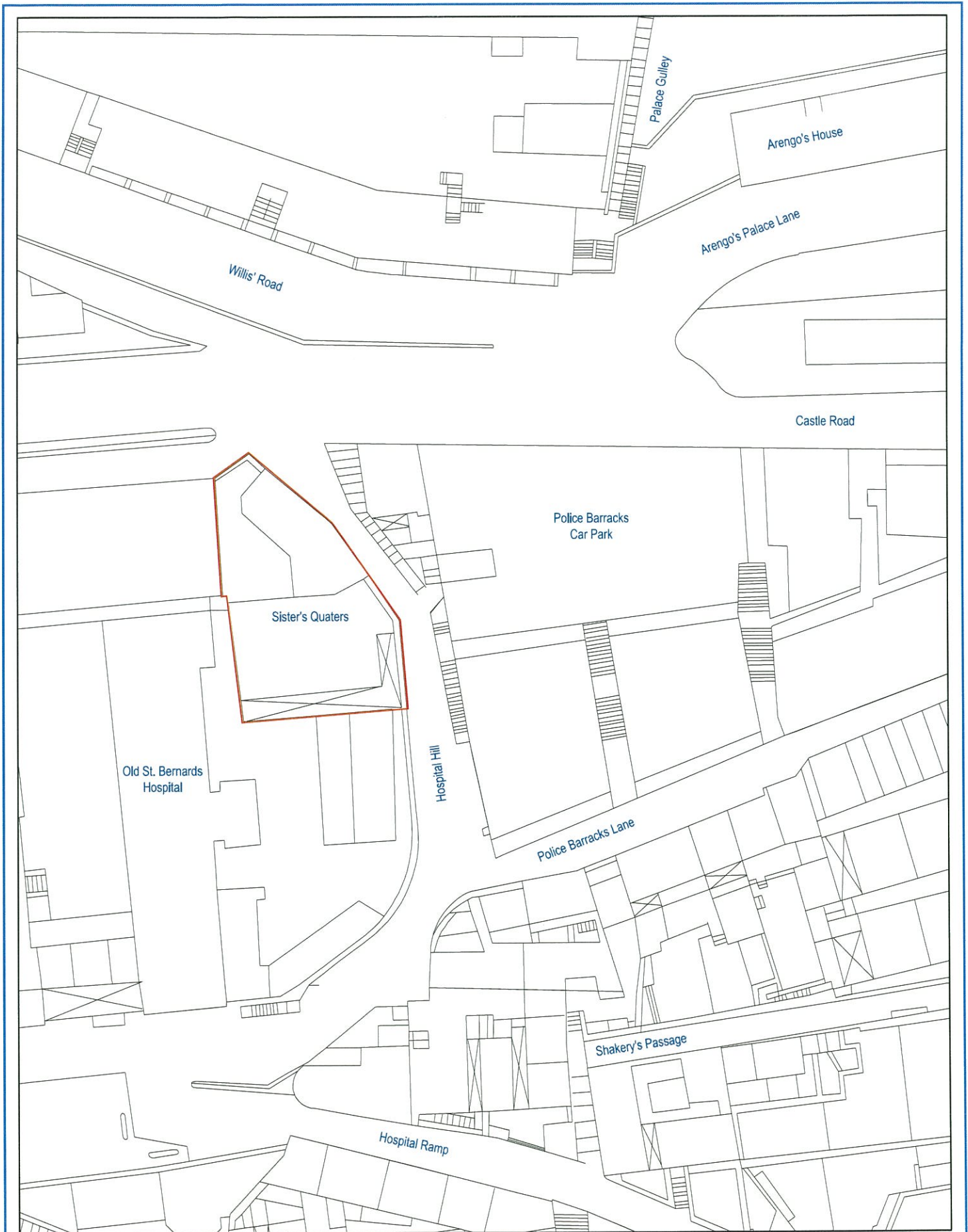


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APPENDIX

- 1. LOCATION PLAN**

- 2. PHOTOGRAPHS**



Engineer: **N. Higgins**

Drawn: *C.S. Freyone*

Drawing Status: **For Report purposes**

Date: **06. March 2013**

Scale: **1:500**

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Project: **Old St. Bernard's Hospital Sister's Quarters**

Project N°: **440 / H**

Drawing title: **Site Demolition Plan**

Drawing N°: **/ 01**



East Elevation



West Elevation



North Elevation



Intersection with Hospital Hill retaining wall