

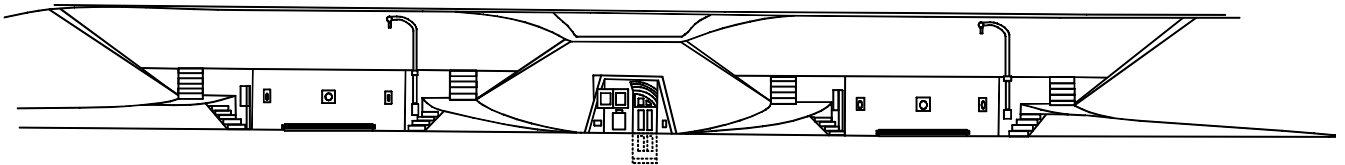
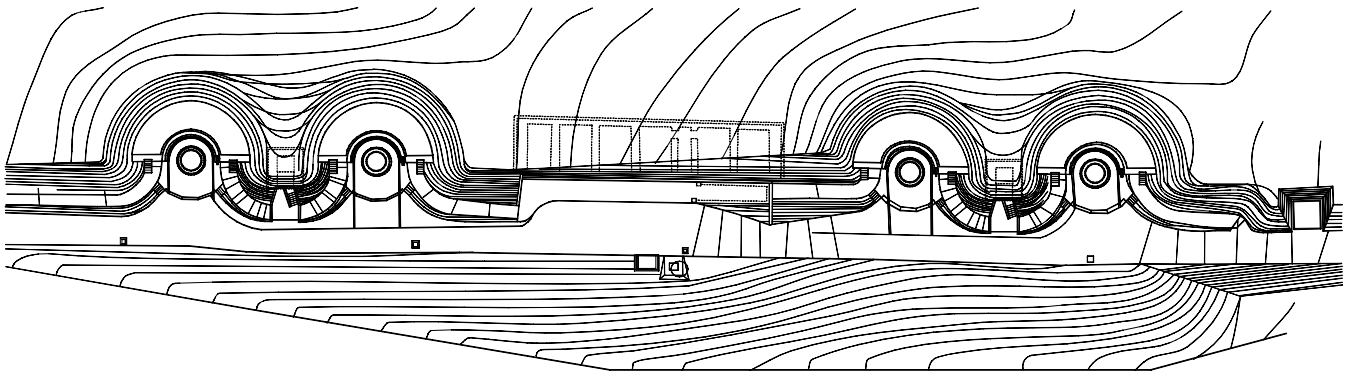
Tregantle Down High Angle Battery

<p>Commenced 18.8.1888 Completed 30.6.1894 Cost £ 4,231 Map Reference SX 391531 Position Whitesand Bay, Tregantle Down</p> <p>Type Coast Defence High Angle Battery Ditch None Guns 4 Barrack Accom. None Present use Demolished, site now a car park</p> <p>History</p> <p>Disposal Completely demolished Condition Nothing remains Access Open access to site</p> <p>Sources PRO plans WO78 4093, Precis of Correspondence for Plymouth prior to 1898 PFS Journal The Redan No.37</p>	<p>Armament</p> <p>1895 4 x 9-inch 12-ton HA RMLs</p> <p>Caponiers None Counterscarp galleries None Haxo casemates None Moncrieff Pits None</p>
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History and Description

After a series of trials from 1884 to 1886 with 9-inch 12-ton RMLs bored out, lined, polygrooved and mounted on high angle carriages, approval was given to equip batteries of high angles guns for coast defence at important harbours. They were to be employed in locations where it was possible for a fleet to lie at anchor and bombard important shore establishments whilst out of range of the normal guns. The guns themselves were to be hidden from the enemy by placing them back from the coast and out of direct line of sight. Tregantle Down high angle battery was constructed close to Tregantle Fort between 1888 and 1894, to mount four 9-inch 12-ton RMLs converted for use on high angle (up to 70 degrees) mountings. By 1895 all four guns were in place. Two more were proposed but never fitted. The guns were mounted in pairs with an expense cartridge store between. The no.1 & 2 guns were at a height of 291 ft. above sea level whilst the 3 & 4 guns were 301ft. above sea level. Between the two gun groups was a series of casemates built beneath the parapet of the battery. This consisted of, from left to right, the weighing room (later a shell store), a casemate with rifle rack for 56 rifles, the Royal Artillery store with stove, the main magazine with central entrance and shifting lobby leading to two cartridge stores, the shell store. At the extreme right hand end of the battery was an oil and paint store. There was no accommodation for troops, who were to be quartered in the nearby Tregantle Fort. Each gun emplacement had a davit for lifting the ammunition up to the loading trolley, which ran around the lip of the emplacement on rails. The 9-inch high angle RML fired a 257lb shell with a fixed charge of 50lb divided into quarters. The range was considered to be up to 11,000 yards.

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HA emplacement at Tregantle - Hogg

