

WELLINGTON HARBOUR IMPROVEMENTS GENERAL PLAN

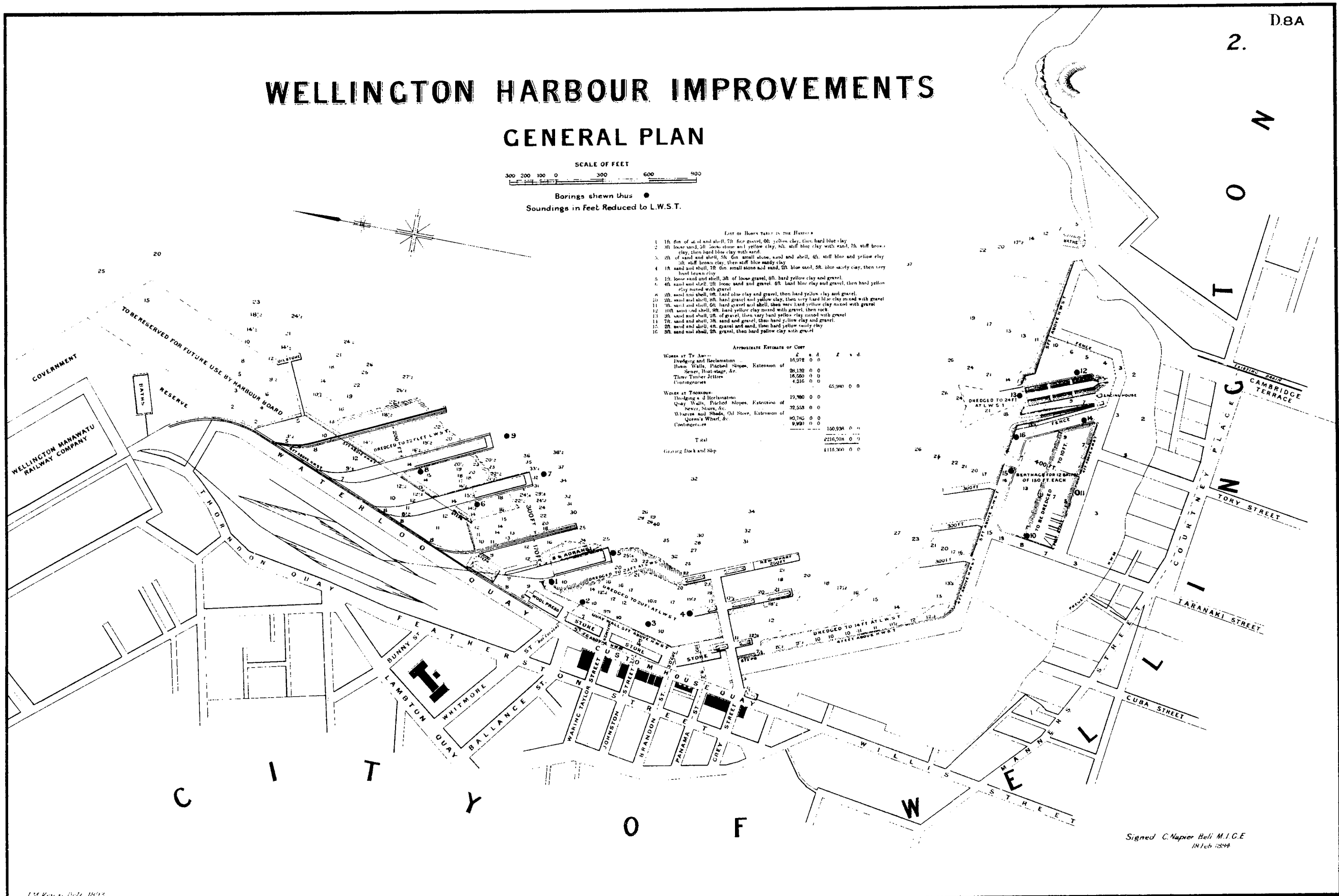
SCALE OF FEET
300 200 100 0 100 200 300 400

Borings shown thus ●
Soundings in Feet Reduced to L.W.S.T.

- LIST OF BORINGS TAKEN IN THE HARBOR
1. 16' fine sand and shell, 78' fine gravel, 66' yellow clay, then hard blue clay
 2. 30' loose sand, 20' coarse sand and yellow clay, 64' stiff blue clay with sand, 76' stiff brown clay, then hard blue clay with sand
 3. 20' of sand and shell, 56' fine small stone, sand and shell, 46' stiff blue and yellow clay, 56' stiff brown clay, then stiff blue sandy clay
 4. 18' sand and shell, 78' fine small stone and sand, 62' blue sand, 56' blue sandy clay, then very hard brown clay
 5. 18' loose sand and shell, 30' of loose gravel, 86' hard yellow clay and gravel
 6. 46' sand and shell, 56' loose sand and gravel, 86' hard blue clay and gravel, then hard yellow clay mixed with gravel
 7. 20' sand and shell, 10' hard blue clay and gravel, then hard yellow clay and gravel
 8. 20' sand and shell, 10' hard gravel and yellow clay, then very hard blue clay mixed with gravel
 9. 10' sand and shell, 66' hard gravel and shell, then very hard yellow clay mixed with gravel
 10. 10' sand and shell, 96' hard yellow clay mixed with gravel, then rock
 11. 20' sand and shell, 28' of gravel, then very hard yellow clay mixed with gravel
 12. 10' sand and shell, 56' sand and gravel, then hard yellow clay and gravel
 13. 20' sand and shell, 56' gravel and sand, then hard yellow sandy clay
 14. 50' sand and shell, 56' gravel, then hard yellow clay with gravel

APPROXIMATE ESTIMATE OF COST

	2 x 4	4 x 4
Works at T. A. R.	10,978 0 0	£ 1 4
Dredging and Reclamation	26,132 0 0	
Quay Walls, Piled Slopes, Extension of	18,260 0 0	
Waterside Buildings, etc.	4,516 0 0	
Three-Tier Jetties	65,980 0 0	
Contingencies	100,938 0 0	
Works at T. A. R.	19,980 0 0	
Dredging and Reclamation	22,568 0 0	
Quay Walls, Piled Slopes, Extension of	10,742 0 0	
Waterside Buildings, etc.	9,980 0 0	
Contingencies	216,278 0 0	
Total	1,115,300 0 0	
Graving Dock and Ship		



Signed C. Napier Bell M.I.C.E.
1914 Feb 12/94