

MARINE SCOTLAND

CONSTRUCTION LICENCE APPLICATION

Section 6a – Deposits – Custom House Quay

Type of Deposit	Description	Quantity and Dimensions	
Steel	Sheet Piles	No	688
		Dimensions	AZ 40-700N (19m Long)
		Volume	318.9568m ³
		Weight	2550 Tonnes
Steel	Ground Anchors	No	156
		Dimensions	45m Long
		Volume	22.23m ³
		Weight	180 Tonnes
Steel	Wailing Beam	No	2
		Dimensions	406x178x98
		Volume	460m Length
		Weight	110 Tonnes
Steel	Miscellaneous Steel (Brackets, bolts, additional pipes etc)	No	-
		Dimensions	-
		Volume	-
		Weight	80 Tonnes
Concrete (Above MHWS)	Quay Wall Cope	No	
		Dimensions	1000x650mm
		Volume	300m ³
		Weight	730 Tonnes
Steel	Access Ladders	No	17
		Dimensions	Approx 8.5m Height
		Volume	6.7m ³
		Weight	54 Tonnes
Steel	Chain Holds	No	15
		Dimensions	Approx 8.5m Height
		Volume	0.13m ³
		Weight	1 Tonne
Concrete (Above MHWS)	Bridging Structure – Bridge Deck	No	1
		Dimensions	Approx. 24x7.5x0.4m
		Volume	64.939m ³
		Weight	165 Tonnes
Concrete (Above MHWS)	Bridging Structure - Prestressed Beams	No	3
		Dimensions	SML-Y5 @ 23.5m
		Volume	31.741m ³
		Weight	81 Tonnes
Concrete (Above MHWS)	Bridging Structure – Bespoke Bridge Beam	No	1
		Dimensions	1.6x1.1x23.5m
		Volume	41.331m ³
		Weight	105 Tonnes

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Concrete	Bridging Structure – RC Crosshead Beams	No	2
		Dimensions	1.6x1.0x11.1m
		Volume	35.60m ³
		Weight	87 Tonne
Steel	Bridging Structure - Piles	No	4
		Dimensions	CHS762x25 @ 18.5m
		Volume	4.296m ³
		Weight	34 Tonnes
Steel	Bridging Structure – Sheet Piles	No	26
		Dimensions	AZ-28-700N (12m long)
		Volume	6.3m ³
		Weight	58 Tonnes
Steel	Anodes	No	344
		Dimensions	2m long
		Volume	-
		Weight	35 Tonnes
Polymer	Flap Valves	No	7
		Dimensions	495x1264x1330mm
		Volume	
		Weight	0.6 Tonnes
Concrete	Infill (Footbridge Section)	No	
		Dimensions	2m x 7m x 13m
		Volume	182 m ³
		Weight	445 Tonnes
Infill Material	Sand or Gravel	No	
		Dimensions	4.5m x 7m x 450m
		Volume	14,175m ³
		Weight	28,900 Tonnes
Rock Revetment	Rock Revetment	No	-
		Dimensions	-
		Volume	70m ³
		Weight	142 Tonnes
Steel	Steelwork at Bridging Structure	No	-
		Dimensions	-
		Volume	-
		Weight	50 Tonnes

Section 6a – Removals – Custom House Quay

Type of Deposit	Description	Quantity and Dimensions	
Concrete (Above MHWS)	Existing Quay Wall Cope	No	-
		Dimensions	336.6m Long
		Volume	116.11m ³
		Weight	284 Tonnes
Concrete	Existing Quay Wall	No	-
		Dimensions	-
		Volume	20.46m ³
		Weight	50 Tonnes
Brick/Block	Existing Quay Wall	No	-
		Dimensions	-
		Volume	18.54m ³
		Weight	36 Tonnes
Timber	Existing Fenders	No	85
		Dimensions	300x300x8000mm
		Volume	61.2m ³
		Weight	81 Tonnes
Concrete	Historic Extension Cope	No	-
		Dimensions	175.27m Long
		Volume	54.67m ³
		Weight	139 Tonnes
Steel (Above MHWS)	Custom House Footbridge Handrailing	No	-
		Dimensions	37.1m Long
		Volume	m ³
		Weight	5 Tonnes
Concrete	Custom House Footbridge Deck	No	-
		Dimensions	-
		Volume	18.53m ³
		Weight	47 Tonnes
Concrete	Custom House Footbridge Piles	No	3
		Dimensions	450mm \varnothing
		Volume	5.41m ³
		Weight	13 Tonnes
Steel	Existing Ladders	No	10
		Dimensions	Approx. 8m Height
		Volume	0.52m ³
		Weight	4 Tonnes

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Steel	Fender System	No	-
		Dimensions	-
		Volume	-
		Weight	2.5 Tonnes
Timber	Fender System	No	-
		Dimensions	-
		Volume	-
		Weight	2 Tonnes