

Walk-over Visual Inspections of Assets – Final Report

Prepared for
Scarborough Borough Council



A great place to live, work & play

July 2015

ch2m.SM

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Content Amendment Record

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0	Draft for review	A Parsons	June 2015	2 July 2015
0.1	Client comments incorporated	C Wightman / A Parsons	August 2015	10 September 2015

Asset Management Condition Survey

1.1 Disclaimer

Halcrow Group Ltd (CH2M) has prepared this report in accordance with the instructions of our client Scarborough Borough Council (SBC) for the client’s sole and specific use. CH2M has used reasonable skill, care and diligence in the collection of existing information and during the survey carried out and accepts no responsibility for the content, quality or accuracy of any Third party information provided either to them by SBC or, via SBC from a Third party source under this contract.

1.2 Outline

A detailed condition assessment was carried out in November 2014 by CH2M. The inspection involved visual assessment of cliff activity and coast protection assets. A similar approach was taken by the asset inspectors for this Scarborough Borough Council coastal frontage asset inspection. However the cliffs were not inspected on this occasion.

The Coastal Walkover inspection has been carried out over four days on 20th, 21st, 27th and 28th of May 2015. The inspection was planned to coincide with suitable tidal state to ensure maximum visibility of the structures. However the toe of defence assets around Castle Cliff and Scarborough Harbour are constantly submerged and therefore an inspection of only the visible elements from land has been undertaken. This also applies to the breakwaters at Whitby and Staithes. High beach levels also prevented visual inspections in places. Inspections were made from both the seaward and landward side of defence where possible.

As in previous years, assets were visually inspected, photographed, graded based on their condition as defined in Table 1, 2 and 3 and an estimate was made of their residual life and urgency of repair work. The grading assessment adopted below is as presented in the Scarborough Harbour – Asset Inspection – Condition Survey of Infrastructure dated October 2013.

A	Very Good	No Defects
B	Fair	Minor or cosmetic defects that will not reduce the overall performance of the asset
C	Poor	Defects that would reduce the performance of the asset
D	Very Poor	Severe defects resulting in complete performance failure

Table 1: Condition Assessment Score

1	Urgent	To prevent a closure of any part of the building or address a breach of health and safety legislation
2	Essential	Will be required within 2 years
3	Desirable	Required within 3 to 5 years
4	Long Term	Required outside 5 years, stating the estimated duration

Table 2: Condition Assessment Priority Score

Priority	1	Yellow	Red	Red	Red
	2	Yellow	Yellow	Yellow	Red
	3	Green	Yellow	Yellow	Red
	4	Green	Green	Yellow	Yellow
		A	B	C	D
		Condition			

Table 3: Condition Assessment ratings

1.3 Study Area

This report documents the condition of the coastal assets of the North Yorkshire coast from Staithes in the North, to Filey Bay in the South. The study area comprises Filey, Cayton Bay, Scarborough Harbour and South Bay, The Homs and Castle Headland, Scarborough North Bay, Robin Hood’s Bay, Whitby, Sandsend, Runswick Bay, Port Mulgrave and Staithes. An overview of the study area is provided in Figure 1 below.

Detailed maps of the SBC assets are in Appendix B.



Figure 1: Study Area

1.4 Condition Assessment


Generally, the condition of the defences has not changed dramatically since last year’s inspection except for minor supplementary damage or repairs undertaken. Repairs to a number of the assets were being carried out in Scarborough North and South Bay while the inspection was taking place.


It is recommended that regular yearly inspections and/or targeted surveys for specific assets are undertaken after a large tidal event or storm event where the stability and structural condition of these assets are most likely to be affected.


Appendix A - Condition Assessment Results


Staites


Asset locations detailed on drawing 457730-01


SBC Reference:	N/A		
NFCDD reference:	1221D901D0402C01		
	Asset Location:	NZ78271901, NZ78441906. North breakwater.	
	Asset Length:	370.8	
	Condition Assessment		
	Condition	Priority	Risk
	C	2	
	Brief Description		
	<p>Rock mostly tightly packed, but two of the stacked & pinned crest blocks missing, others have moved. Heavily corroded sheet piling, possible voids behind piling at head. Cracking to promenade and crest wall.</p> <p>Extensive rust stains on all vertical concrete faces with large cracks and spalling in places. Evident repairs to the promenade but concrete abraded in other places where not repaired. Capping of sheet pile retaining wall has failed and is now hanging on the wall (i.e. only attached at one end)</p>		
	Recommendations		
Repack rock armour at crest; replace sheet piles; grout voids in structure.			


SBC Reference:	N/A		
NFCDD reference:	1221D901D0402C02		
	Asset Location:	NZ78301893, NZ78271901. South of Northern breakwater.	
	Asset Length:	91.4	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	<p>Rock armour in generally good condition, but some units displaced near crest at North end by gap in Breakwater. Path has areas of damage from movement of rock armour. South end promenade eroded and exposed aggregate, cracking spalling blockwork.</p> <p>Concrete blockwork damaged / chipped presumably by rock armour installation and movement.</p>		
	Recommendations		
Re-pack cracked wall, re-profile rock crest at N end. Repair path.			


SBC Reference:	N/A		
NFCDD reference:	1221D901D0402C03		
	Asset Location:	NZ78251893, NZ78301893. RNLI slipway.	
	Asset Length:	55.3	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Exposed aggregate at the face of the wall, also horizontal cracks to wall. Slipway surface in good condition, but timber piles cracked and weathered. Gabion wall has presumably been replaced with a Conventional retaining wall with concrete capping. Guide rail to slipway corroded but in fair condition.		
	Recommendations		
	Monitoring and repairs cracks to wall.		


SBC Reference:	N/A		
NFCDD reference:	1221D901D0402C06		
	Asset Location:	Staithes, LB of River D/S of footbridge.	
	Asset Length:	100.3	
	Condition Assessment		
	Condition	Priority	Risk
	C	3	
	Brief Description		
	Promenade in fair condition. Wall has missing blocks and open joints. Toe armour, where present near ends not well packed. Vegetation at top of wall.		
	Recommendations		
	Replace missing blocks and grout open joints. Reinforce toe rock armour.		


SBC Reference:	N/A		
NFCDD reference:	1221D901D0402C04		
	Asset Location:	NZ78261889, NZ78301886. South bank from bridge.	
	Asset Length:	117.1	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Repair work to parts of wall evident. Cracking in upper masonry sections but lower sections repaired. Vegetation re growing in parts of the wall. Minor cracks evident thought wall. New wire gabion wall & berm upstream from bridge. Riparian sea walls only visible from the bridge and from the opposite bank.		
	Recommendations		
Monitor, repair cracks fill voids			


SBC Reference:	02-04-01		
NFCDD reference:	1221D901D0402C22		
	Asset Location:	Between slipway and groyne on South wall.	
	Asset Length:	47.7	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Repairs evident to cracks and missing blocks replaced. Undercutting of the toe in places. Groyne in good condition. Missing joints to slipway wall. Only visible from the adjacent slipway due to rising tides. No major damage apparent from a distance.		
	Recommendations		
Repairs to walls joints, cracks and toe.			


SBC Reference:	03-04-01		
NFCDD reference:	1221D901D0402C05		
	Asset Location:	NZ78301886, NZ78361882. Between East groyne and slipway.	
	Asset Length:	70.5	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Multiple cracks and spalling, but signs of multiple repair works. Void at root of slipway West side. Some loose blocks to slip walls. Cracks along promenade. Slipway very slippery. Additional toe berm placed along short length since 2012. Cope repair patches holding.		
	Recommendations		
	Continue to monitor and repair cracks and joints.		


SBC Reference:	N/A		
NFCDD reference:	1221D901D0403C07		
	Asset Location:	NZ78361882, NZ78381885. In-between South slipways.	
	Asset Length:	32	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Horizontal cracking to second step, rest of groyne in good condition, minor vegetation growth at seaward end. Vertical crack between second and third step on inner side Top concrete revetment crumbling in places.		
	Recommendations		
	Continue to monitor		

SBC Reference:	04-04-01		
NFCDD reference:	1221D901D0403C01		
	Asset Location:	NZ78361882, NZ78421880 South wall next to last slipway.	
	Asset Length:	73.1	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Vertical full height crack through the wall between stairs and groyne has been filled. Exposure of aggregate throughout wall. Vegetation re growing at top of wall. Cracking to promenade.		
	Recommendations		
Continue to monitor and repair crack to wall and promenade cracking			

SBC Reference:	N/A		
NFCDD reference:	1221D901D0403C02		
	Asset Location:		
	Asset Length:	~5	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Steps in fair condition.		
	Recommendations		
Continue to monitor			

SBC Reference:	N/A		
NFCDD reference:	1221D901D0403C05		
	Asset Location:	NZ78421881, NZ78441881 Next to cliff.	
	Asset Length:	26.8	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	>5
	Brief Description		
	Good condition no sign of defects visible, but partly covered with boats parked up along all over slipway, wall at top of slipway not inspected closely, but appears in fair condition.		
	Recommendations		
Continue to monitor			

SBC Reference:	N/A		
NFCDD reference:	1221D901D0403C04		
	Asset Location:	NZ78431886, NZ78461884 Behind South breakwater.	
	Asset Length:	39	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Good condition concrete breakwater, some cracking in top surface. Vegetation growth to walls. Beach has built up on West side. Largely covered in sea weed but looks in fair condition. Vertical crack at mid-section observed		
	Recommendations		
Continue to monitor			


SBC Reference:	N/A		
NFCDD reference:	1221D901D0403C03		
	Asset Location:	NZ78491884, South Breakwater.	
	Asset Length:	327.5	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Concrete crest units cracked in the middle of the length, repairs evident to chips and cracks. Rock armour mostly tightly packed but small limestone blocks scattered on top. Opening of construction joints to the old part of the wall (inner face). Steps are in fair condition although the side edges are chipped in places. Vertical crack (inner face) observed and continuous across the promenade.		
	Recommendations		
Repair cracks, replace joints			


Port Mulgrave


SBC Reference:	N/A		
NFCDD reference:	1221D901D0502C01		
	Asset Location:	NZ79871763, NZ79941769. Port Mulgrave pier.	
	Asset Length:	161.4	
	Condition Assessment		
	Condition	Priority	Risk
	D	1	
	Brief Description		
	2014 report: Very poor condition and considered redundant. Significant further damage since inspection in 2012. Still gives some protection to fishermen huts and base of cliff. Some large gabion baskets have been placed to limit erosion. NOT INSPECTED IN 2015		
	Recommendations		
	Not inspected - redundant		


Runswick Bay


Asset locations detailed on drawing 457730-02


SBC Reference:	07-07A-01		
NFCDD reference:	1221D901D0601C01		
	Asset Location:	NZ81081614, NZ81111619. Next to Upgarth Hill	
	Asset Length:	72.4	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Erosion and abrasion & undercutting to the wall toe in the mudstone. Cracks, erosion and spalling to capping beam. Wash out of the joints under the capping beam. Missing joints and filler joints in places on wall and prom. Prom slabs have dropped /moved		
	Recommendations		
	Repair joints, cracks and undercutting as well as the voids to wall		


SBC Reference:	07-07A-02		
NFCDD reference:	1221D901D0601C01 001		
	Asset Location:		
	Asset Length:	2	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	>5
	Brief Description		
	Function unknown - might be sewer outfall with protective concrete encasing.		
	Recommendations		
	Continue to monitor		


SBC Reference:	07-07A-03		
NFCDD reference:	1221D901D0601C06		
	Asset Location:	North side of Runswick Bay	
	Asset Length:	25.3	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Cracks to top of bagwork. Some horizontal cracks at base of toe. Repair work evident to large cracks. Cracks to wall, as well as repair work evident to previous cracks. Some missing masonry blocks.		
	Recommendations		
	Continue to monitor and repair cracks, replace blocks		


SBC Reference:	08-07A-01		
NFCDD reference:	1221D901D0601C03		
	Asset Location:	NZ81001604, NZ81081614. North of breakwater.	
	Asset Length:	91.3	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Washout of the joints to masonry block wall. Repairs to coping masonry and crest evident. Cracks to toe berm. Some cracks to promenade. Repairs to steps and toe being undercut. Beach low West of outfall exposing mudstone platform.		
	Recommendations		
	Repair cracks, voids and undercutting. Consider extending the rock scour protection.		


SBC Reference:	08-07A-02		
NFCDD reference:	1221D901D0601C03001		
	Asset Location:		
	Asset Length:	~7	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Steep and weathered stone block. Bottom half repaired with concrete. The last tread to the beach is noticeably high.		
	Recommendations		
	Continue to monitor		


SBC Reference:	08-07A-03		
NFCDD reference:	1221D901D0601C03002		
	Asset Location:		
	Asset Length:	~35	
	Condition Assessment		
	Condition	Priority	Risk
	C	2	
	Brief Description		
	Evident scattered concrete repairs to the stepped berm but deep horizontal cracks still remain with significant voids in places. Cracking to the repaired concrete section observed.		
	Recommendations		
	Repair cracks, voids and undercutting. Consider extending the rock scour protection		


SBC Reference:	08-07A-04		
NFCDD reference:	1221D901D0601C02		
	Asset Location:	NZ81011606, NZ81031605.	
	Asset Length:	26.1	
	Condition Assessment		
	Condition	Priority	Risk
	C	2	
	Brief Description		
	Breakwater / groyne. Large deep horizontal cracks through breakwater have worsened since 2012. Crest slab may have moved. Multiple patches and cracks. Smaller vertical cracks to breakwater at sea end. Poor condition overall		
Recommendations			
Patch repair where required.			


SBC Reference:	08-07A-05		
NFCDD reference:	1221D901D0601C07001		
	Asset Location:		
	Asset Length:	7	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	>5
	Brief Description		
	Corrosion to handrail standards, especially on steps. Minor surface damage to steps.		
Recommendations			
Treat handrails or replace. Continue to monitor			


SBC Reference:	08-07A-06		
NFCDD reference:	1221D901D0601C07		
	Asset Location:	Runswick Bay. Pumping station.	
	Asset Length:	33.3	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	>5
	Brief Description		
	Pumping station and associated sea wall and berm. Wall and berm in good condition. Some cracks around mortar starting to show. Corrosion to handrail		
Recommendations			
Continue to monitor			


SBC Reference:	09-07A-01		
NFCDD reference:	1221D901D0601C04		
	Asset Location:	NZ81011601. Lifeboat slipway.	
	Asset Length:	43.8	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Rotting timber supports to disused timber slipway - some planks recently replaced in deck. Cracks to side walls of smaller slipway. Southern slipway / ramp in good condition. Concrete revetment including timber grippers in good condition with joints recently repaired.		
	Recommendations		
	Repair cracks to slipway, replace rotten/missing timbers		

SBC Reference:	09-07A-02		
NFCDD reference:	1221D901D0601C04 ⁰⁰¹		
	Asset Location:		
	Asset Length:	~30	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	>5
	Brief Description		
	Southern slipway / ramp in good condition.		
Recommendations			
Continue to monitor			

SBC Reference:	10-07A-01		
NFCDD reference:	1221D901D0602C01		
	Asset Location:	NZ81051591, NZ81011601	
	Asset Length:	290	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	>5
	Brief Description		
	Rock armour mostly in very good condition and tightly packed		
	Recommendations		
Continue to monitor			


SBC Reference:	10-07B-01		
NFCDD reference:	1221D901D0602C01001		
	Asset Location:	NZ81051591, NZ81011601	
	Asset Length:	~50	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	>5
	Brief Description		
	Slipway in good condition. Filler joints missing		
	Recommendations		
Continue to monitor			


SBC Reference:	10-07B-02		
NFCDD reference:	1221D901D0602C01002		
	Asset Location:		
	Asset Length:	~48	
	Condition Assessment		
	Condition	Priority	Risk
	B	2	
	Brief Description		
	Rock armour mostly good condition but some movement / loose blocks at both ends by southern slipway. Cliff slumping and eroding to south.		
	Recommendations		
Continue to monitor			


SBC Reference:	N/A		
NFCDD reference:	1221D901D0602C05		
	Asset Location:	South end of bay.	
	Asset Length:	56.2	
	Condition Assessment		
	Condition	Priority	Risk
	C	2	
	Brief Description		
	Wall concrete toe not visible due to high beach level. Timber sleeper retaining wall has been undercut. Cracks throughout concrete tank blocks at South end of wall. Timber toe exposed at North end. Planks rotten		
	Recommendations		
Continue to monitor and repair/replace timber			


Sandsend


Asset locations detailed on drawing 457730-03


SBC Reference:	13-09A-01		
NFCDD reference:	1221D901D0701C02 001		
	Asset Location:	NZ86061286, NZ85981297. Wall protecting car park.	
	Asset Length:	~5	
	Condition Assessment		
	Condition	Priority	Risk
	C	3	
	Brief Description		
	Sheet piles retaining wall tied into the unprotected cliff. Remains of the mudrock can be seen on the sheet pile suggesting a possible erosion of the cliff and undermining of the sheet pile retaining wall. However no deflection / movement of the pile noticeable. Concrete capping appears in good condition.		
	Recommendations		
Continue to monitor			


SBC Reference:	13-09A-02		
NFCDD reference:	1221D901D0701C02		
	Asset Location:	NZ86061286, NZ85981297. Wall protecting car park.	
	Asset Length:	174.5	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Toe of wall exposed and undercut in many places. Toe armor displaced. Exposure of rebar to bottom of wall at North end. Bottom part of wall abraded exposing rebar. No rebar exposure observed in 2015 as the toe was covered by sand during the inspection except at the South end. Horizontal joint (half way up the wall) opened widely.		
	Recommendations		
Repair toe armour/undercutting to toe and cover exposed re bar. Replace missing blocks.			


SBC Reference:	13-09A-03		
NFCDD reference:	1221D901D0701C02002		
	Asset Location:		
	Asset Length:	~15	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Missing filler in joints to slipway. Revetment in good condition		
	Recommendations		
Continue to monitor			


SBC Reference:	14-09B-01		
NFCDD reference:	1221D901D0702C01		
	Asset Location:	NZ86061286, NZ86241268	
	Asset Length:	259.1	
	Condition Assessment		
	Condition	Priority	Risk
	C	2	
	Brief Description		
	Groynes derelict. Beach higher than 2012, apron part buried, assume still very poor. Timber planks & stakes next to apron missing and rotten. Missing joints filler under capping beam. Missing sealant in most joints in wall, with abrasion around joints.		
	Recommendations		
Re-seal joints between poured sections of sea wall, and replace apron			


SBC Reference:	14-09B-02		
NFCDD reference:	1221D901D0702C01001		
	Asset Location:		
	Asset Length:	~4	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Steps covered by vegetation. Handrail corroded with missing bottom rail at lower end. Concrete weathered in places.		
	Recommendations		
Replace handrail			


SBC Reference:	14-09B-03		
NFCDD reference:	1221D901D0702C01002		
	Asset Location:	Same as 14-09B-01	
	Asset Length:	Incl. in 14-09B-01	
	Condition Assessment		
	Condition	Priority	Risk
	C	2	
	Brief Description		
	Groynes derelict. Beach higher than 2012, apron part buried, assume still very poor. Timber planks & stakes next to apron missing and rotten. Missing joints filler under capping beam. Missing sealant in most joints in wall, with abrasion around joints.		
	Recommendations		
Re-seal joints between poured sections of sea wall, and replace apron			


SBC Reference:	14-09B-04		
NFCDD reference:	1221D901D0702C01003		
	Asset Location:		
	Asset Length:	~4	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Steps in fair condition		
	Recommendations		
Continue to monitor			


SBC Reference:	14-09B-05		
NFCDD reference:	1221D901D0702C01004		
	Asset Location:	Same as 14-09B-01	
	Asset Length:	Incl. in 14-09B-01	
	Condition Assessment		
	Condition	Priority	Risk
	C	2	
	Brief Description		
	Groynes derelict. Apron still very poor. Timber planks & stakes next to apron missing and rotten. Missing joints filler under capping beam. Missing sealant in most joints in wall, with abrasion around joints.		
	Recommendations		
Re-seal joint between poured sections of sea wall, and replace apron			


SBC Reference:	14-09B-06		
NFCDD reference:	1221D901D0702C01005		
	Asset Location:		
	Asset Length:	~4	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Fair condition with localised damage to concrete facing. Handrail corroded		
	Recommendations		
Replace handrail			


SBC Reference:	14-09B-07		
NFCDD reference:	1221D901D0702C01006		
	Asset Location:	Same as 14-09B-01	
	Asset Length:	Incl. in 14-09B-01	
	Condition Assessment		
	Condition	Priority	Risk
	C	2	
	Brief Description		
	Groynes derelict. Beach higher than 2012, apron part buried, assume still v poor. Timber planks & stakes next to apron missing and rotten. Missing joints filler under capping beam. Missing sealant in most very joints in wall, with abrasion around joints.		
	Recommendations		
Re-seal joints between poured sections of sea wall, and replace apron			


SBC Reference:	15-09B-01		
NFCDD reference:	1221D901D0702C04		
	Asset Location:	NZ86251264, NZ86241268. NE of East Row Bridge.	
	Asset Length:	42.1	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Beach higher than 2012 covering possible voids under apron. See 2012 insp. Toe piles exposed look very corroded. Groynes derelict. Vertical crack to masonry wall near pipe at centre of wall. Some mortar missing in some joints in masonry wall. Timber walkway being replaced.		
	Recommendations		
Expose and repair voids under toe apron.			


SBC Reference:	15-09B-02		
NFCDD reference:	1221D901D0702C03		
	Asset Location:		
	Asset Length:	~10	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Slipway in fair condition overall		
	Recommendations		
Continue to monitor			


SBC Reference:	15-09B-03		
NFCDD reference:	1221D901D0702C03001		
	Asset Location:	NZ86211252, NZ86251264. Wall extending from East Row Bridge	
	Asset Length:	232.4 total (15-09b-03 to 15-09b-05)	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Masonry blockwork wall to channel sides in fair to good condition. Minor abrasion to a few blocks, missing mortar in joints near cafe.		
	Recommendations		
Repoint wall. Continue to monitor			


SBC Reference:	15-09B-04		
NFCDD reference:	1221D901D0702C03 002		
	Asset Location:		
	Asset Length:	~4	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Fair overall condition. Edge capping stone missing. Toe below beach level		
	Recommendations		
Repair capping edge			

SBC Reference:	15-09B-05		
NFCDD reference:	1221D901D0702C03 003		
	Asset Location:		
	Asset Length:	232.4 total (15-09b-03 to 15-09b-05)	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Masonry blockwork wall to channel sides in fair to good condition. Low retaining stone wall is in a good condition on both banks.		
	Recommendations		
Continue to monitor			


SBC Reference:	15-09B-06		
NFCDD reference:	1221D901D0702C02		
	Asset Location:	NZ86281257, NZ86981226. North of Raven Hill.	
	Asset Length:	774.5 total (15-09b-06 to 17-10-02)	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	5
	Brief Description		
	Concrete revetment is in a fair condition with no particular defects observed. Toe covered by sand. Revetment material changes to masonry blockwork towards river crossing and is in good condition.		
	Recommendations		
Continue to monitor			


SBC Reference:	15-09B-07		
NFCDD reference:	1221D901D0702C02001		
	Asset Location:		
	Asset Length:	774.5 total (15-09b-06 to 17-10-02)	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	>5
	Brief Description		
	Slipway in good condition - toe below beach level		
	Recommendations		
Continue to monitor			


SBC Reference:	16-09C-01		
NFCDD reference:	1221D901D0702C02002		
	Asset Location:		
	Asset Length:	774.5 total (15-09b-06 to 17-10-02)	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	5
	Brief Description		
	Good condition – Good revetment with toe below beach level		
	Recommendations		
Continue to monitor			


SBC Reference:	16-09C-02		
NFCDD reference:	1221D901D0702C02003		
	Asset Location:		
	Asset Length:	774.5 total (15-09b-06 to 17-10-02)	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Steps in good overall condition. Concrete revetment on the landing, weathered in places		
	Recommendations		
Continue to monitor			


SBC Reference:	16-09C-03		
NFCDD reference:	1221D901D0702C02004		


	Asset Location:		
	Asset Length:	774.5 total (15-09b-06 to 17-10-02)	
	Condition Assessment		
	Condition	Priority	Risk
	B	2	
	Brief Description		
	The gabion baskets have not filled completely with visible sagging on the bottom row. The top row has remained vertical but suggest this is monitored. Seems to be holding at the moment. Baskets founded on stone blocks visible at Northern end.		
	Recommendations		
Continue to monitor			


SBC Reference:	16-09C-04		
NFCDD reference:	1221D901D0702C02005		
	Asset Location:		
	Asset Length:	774.5 total (15-09b-06 to 17-10-02)	
	Condition Assessment		
	Condition	Priority	Risk
	C	2	
	Brief Description		
	Cracks throughout revetment and missing sections of concrete overlay exposing rubble and stone under layer and voids. Evidence of multiple repairs (presumably following surge in December 2013). Undercutting to bottom of revetment. Improvement scheme planned. Timber soldier piled wall (i.e. transition between the concrete revetment and the gabion baskets) appears in good condition.		
	Recommendations		
Keep patching up until scheme in place			

SBC Reference:	16-09C-05		
NFCDD reference:	1221D901D0702C02006		
	Asset Location:		
	Asset Length:	774.5 total (15-09b-06 to 17-10-02)	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Timber steps + 3 concrete steps on the bottom part Timber steps renewed recently		
	Recommendations		
Continue to monitor			

SBC Reference:	17-09C-01		
NFCDD reference:	1221D901D0702C02007		
	Asset Location:		
	Asset Length:	774.5 total (15-09b-06 to 17-10-02)	
	Condition Assessment		
	Condition	Priority	Risk
	C	2	
	Brief Description		
	Cracks throughout revetment and missing sections of concrete overlay exposing rubble and stone under layer and voids. Evidence of multiple repairs (presumably following surge in December 2013). Undercutting to bottom of revetment. Improvement scheme planned.		
	Recommendations		
Keep patching up until scheme in place			

SBC Reference:	17-09C-02		
NFCDD reference:	1221D901D0702C02008		
	Asset Location:		
	Asset Length:	774.5 total (15-09b-06 to 17-10-02)	
	Condition Assessment		
	Condition	Priority	Risk
	C	2	
	Brief Description		
	Mixed construction (bottom concrete + top timber) 8th tread (from beach) broken / missing. Concrete surfacing weathered		
	Recommendations		
Continue to monitor			


SBC Reference:	17-10-01		
NFCDD reference:	1221D901D0702C02009		
	Asset Location:		
	Asset Length:	774.5 total (15-09b-06 to 17-10-02)	
	Condition Assessment		
	Condition	Priority	Risk
	C	2	
	Brief Description		
	Cracks throughout revetment and missing sections of concrete overlay exposing rubble and stone under layer and voids. Evidence of multiple repairs (presumably following surge in December 2013) Improvement scheme planned. Toe below beach level but scour holes and undercutting present in many places.		
	Recommendations		
Continue patching up until scheme in place			


SBC Reference:	17-10-02		
NFCDD reference:	1221D901D0702C02010		
	Asset Location:		
	Asset Length:	774.5 total (15-09b-06 to 17-10-02)	
	Condition Assessment		
	Condition	Priority	Risk
	C	1	
	Brief Description		
	Timber toe exposed and rotten. Bank slip failure behind evident		
	Recommendations		
Incorporate into repair scheme for wall section 17-10-01			


Whitby


Asset locations detailed on drawing 457730-04


SBC Reference:	18-11A-01		
NFCDD reference:	1221D901D0801C01001		
	Asset Location:	NZ88161194, NZ88541185	
	Asset Length:	~10	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	>5
	Brief Description		
	Concrete edge of slipway chipped at construction joint. Overall good condition. Toe below beach level. Rock armour both sides tightly packed.		
	Recommendations		
Continue to monitor			


SBC Reference:	18-11A-02		
NFCDD reference:	1221D901D0801C01		
	Asset Location:	NZ88161194, NZ88541185	
	Asset Length:	439.3	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Rock armour gen good, well packed but movement in several local areas. Some smaller armour loosely packed on crest. Prom as in 2012, some slabs have settled. Localised damages to prom capping and rear 'splash' wall observed. Large crack on prom at mid-section left opened.		
	Recommendations		
Continue to monitor surface cracking in promenade			


SBC Reference:	18-11A-03		
NFCDD reference:	1221D901D0801C01002		
	Asset Location:		
	Asset Length:	~5	
	Condition Assessment		
	Condition	Priority	Risk
	C	3	
	Brief Description		
	Steps. Heavily corroded handrail Crack on bottom tread. Steps covered by vegetation (i.e. slippery)		
	Recommendations		
Treat or replace handrails. Continue to monitor			


SBC Reference:	18-11A-04		
NFCDD reference:	1221D901D0801C01003		
	Asset Location:	Part of 18-11A-02	
	Asset Length:		
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Rock revetment – remainder of 18-11A-02 Loosely / scattered rock armour at the end		
	Recommendations		
Reinforce rock revetment			


SBC Reference:	19-11A-01		
NFCDD reference:	1221D901D0802C01		
	Asset Location:	NZ88541185, NZ88671180	
	Asset Length:	136.6	
	Condition Assessment		
	Condition	Priority	Risk
	C	3	
	Brief Description		
	Concrete wall has extensive minor cracking. Heavy abrasion over whole lower part of wall. Toe not visible, but beach low. Local damage to capping. Promenade no major defects. Handrails have been repaired.		
	Recommendations		
Consider extending rock revetment			


SBC Reference:	70-11A-01		
NFCDD reference:	1221D901D0802C02		
	Asset Location:	NZ88671180, NZ88861170	
	Asset Length:	216.1 (inc 70-11a-01 to 70-11a-04)	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Rock armour in good condition, closely packed, and good coverage. Some smaller rocks on crest lost interlock. Promenade surface showing some signs of cracking and sealant loss between concrete sections.		
	Recommendations		
Replace joints. Continue to monitor			


SBC Reference:	70-11A-02		
NFCDD reference:	1221D901D0802C02 ⁰⁰¹		
	Asset Location:	Western promenade, Whitby	
	Asset Length:	216.1 (inc 70-11a-01 to 70-11a-04)	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Steps. Corroded handrail with vegetation cover on the bottom half. Concrete weathered		
	Recommendations		
Treat or replace handrails. Continue to monitor			


SBC Reference:	70-11A-03		
NFCDD reference:	1221D901D0802C02 ⁰⁰²		
	Asset Location:	Western promenade, Whitby	
	Asset Length:	216.1 (inc 70-11a-01 to 70-11a-04)	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Rock armour in good condition, closely packed, and good coverage. Some smaller rocks on crest lost interlock. Promenade surface showing some signs of cracking and sealant loss between concrete sections.		
	Recommendations		
Replace joints. Continue to monitor			


SBC Reference:	70-11A-04		
NFCDD reference:	1221D901D0802C02003		
	Asset Location:	Western promenade, Whitby	
	Asset Length:	216.1 (inc 70-11a-01 to 70-11a-04)	
	Condition Assessment		
	Condition	Priority	Risk
	C	3	
	Brief Description		
	Steps. Tread condition fair. Damaged capping and side wall corner - heavily abraded with missing blocks. Handrail corroded and loose fixing at the bottom		
	Recommendations		
	Treat or replace handrails. Repair capping and replace blocks		


SBC Reference:	71-11A-01		
NFCDD reference:	1221D901D0802C03		
	Asset Location:	NZ88861170, NZ89231154	
	Asset Length:	166.8	
	Condition Assessment		
	Condition	Priority	Risk
	C	2	
	Brief Description		
	Lower half of wall abraded/eroded. Toe exposed along whole length due to low sand level - heavily undercut/eroded & missing in part. Apron missing locally and in poor condition. Prom fair, signs of wave overtopping causing damage. Handrails anchor bolts corroding. The concrete toe has been repaired at the southern end.		
	Recommendations		
	Consider extending rock armour along this section		


SBC Reference:	71-11A-02		
NFCDD reference:	1221D901D0802C13001		
	Asset Location:	Western promenade, Whitby	
	Asset Length:	~ 4	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Tread repaired half way up the steps. Sheet pile toe is exposed with steel capping. The steel rise 'facing' on the bottom step has moved seaward. Handrail in generally good condition.		
	Recommendations		
Continue to monitor			


SBC Reference:	71-11A-03		
NFCDD reference:	1221D901D0802C13		
	Asset Location:	NZ88861170, NZ89231154	
	Asset Length:	158.4	
	Condition Assessment		
	Condition	Priority	Risk
	C	2	
	Brief Description		
	Horizontal cracks to wall visible near slipway East of beach cafe. Beach level higher than 2012, toe not exposed. Cracks in joint along prom 0.5m from edge. Handrail has been replaced. Some anchor bolts showing signs of corrosion. Concrete facing weathered with exposed aggregates near the toe of the wall.		
	Recommendations		
Repair cracks to wall near slipway. Fill/seal joint prom gaps. Repair Toe			


SBC Reference:	71-11A-04		
NFCDD reference:	1221D901D0802C13002		
	Asset Location:	Western promenade, Whitby	
	Asset Length:	~12	
	Condition Assessment		
	Condition	Priority	Risk
	C	2	
	Brief Description		
	Slipway. Loss of section of render on wing wall. Lower concrete revetment broken / missing. Toe below beach level.		
	Recommendations		
Continue to monitor			


SBC Reference:	71-11A-05		
NFCDD reference:	1221D901D0802C14		
	Asset Location:	NZ88861170, NZ89231154	
	Asset Length:	86.2	
	Condition Assessment		
	Condition	Priority	Risk
	C	2	
	Brief Description		
	Erosion/abrasion to lower half of wall. Minor damage throughout. Apron not visible. Minor cracking to prom throughout. Areas of chipping/cracking along top edge. Handrails have been replaced.		
	Recommendations		
Repair chipped areas approx. 0.5m from edge throughout			


SBC Reference:	20-11A-01		
NFCDD reference:	1221D901D0802C04001		
	Asset Location:	Western promenade, Whitby	
	Asset Length:	~7	
	Condition Assessment		
	Condition	Priority	Risk
	C	3	
	Brief Description		
	Steps. Weathered concrete revetment with exposed aggregates. Abraded side walls with large cracks. Handrail in fair condition.		
	Recommendations		
Repair cracks. Continue to monitor			


SBC Reference:	20-11A-02		
NFCDD reference:	1221D901D0802C04		
	Asset Location:	NZ89231154, NZ89291153	
	Asset Length:	65.4	
	Condition Assessment		
	Condition	Priority	Risk
	C	3	
	Brief Description		
	<p>Large horizontal crack below capping level at the northern end with concrete capping block missing locally and one vertical crack in southern third of wall. Erosion/abrasion to lower half of wall. Lower handrails have been replaced (set back from edge). Minor cracking to promenade.</p>		
	Recommendations		
	Repaint upper level hand rails, repair eroded front face. Repair cracks and replace blocks		


SBC Reference:	21-11A-01		
NFCDD reference:	1221D901D0802C07		
	Asset Location:	NZ89291153, NZ89361152	
	Asset Length:	71.9	
	Condition Assessment		
	Condition	Priority	Risk
	C	3	
	Brief Description		
	<p>Blockwork wall - cracking/loss of mortar and blocks in places locally poor. Joints and capping block missing locally. Generally stable although these points of weakness could cause failure. Higher concrete wall in a fair condition. Minor cracking in promenade. Corrosion to upper hand rails.</p>		
	Recommendations		
	Repair/replace damaged blocks and grout joints		


SBC Reference:	21-11A-02		
NFCDD reference:	1221D901D0802C07001		
	Asset Location:		
	Asset Length:	~30	
	Condition Assessment		
	Condition	Priority	Risk
	C	3	
	Brief Description		
	Slipway. Concrete deck replaced on the top half of the structure - bottom half abraded		
	Recommendations		
Continue to monitor			


SBC Reference:	22-11A-01		
NFCDD reference:	1221D901D0802C06		
	Asset Location:	NZ89361152, NZ89401152	
	Asset Length:	37.5	
	Condition Assessment		
	Condition	Priority	Risk
	C	3	
	Brief Description		
	Blockwork wall with many open joints. Abrasion and loss of blocks and mortar in lower section and under ramp. Water seeping through wall and leaking pipe as in 2012. Beach lower exposing toe structure which is abraded.		
	Recommendations		
Repair or encase toe. Repair cracking in masonry wall. Repair pipe			


SBC Reference:	22-11A-02		
NFCDD reference:	1221D901D0802C06001		
	Asset Location:		
	Asset Length:	30	
	Condition Assessment		
	Condition	Priority	Risk
	C	3	
	Brief Description		
	Slipway. Mixed construction. Settlement of toe remediated with concrete transition slope. Open joints between blocks revetment		
	Recommendations		
Repair joints. Continue to monitor			


SBC Reference:	22-11A-03		
NFCDD reference:	1221D901D0802C15		
	Asset Location:	Beneath red brick building.	
	Asset Length:	71.8	
	Condition Assessment		
	Condition	Priority	Risk
	C	3	
	Brief Description		
	Concrete toe showing signs of cracking, abrasion and loss of concrete and undercutting. Blockwork walls appear sound but some loss of mortar. Slips in cliff between upper wall and toe structure.		
	Recommendations		
Stabilise and repair cliff. Repair toe			


SBC Reference:	N/A		
NFCDD reference:	1221D901D0802C05		
	Asset Location:	NZ89401152, NZ89511152	
	Asset Length:	43.1	
	Condition Assessment		
	Condition	Priority	Risk
	C	3	
	Brief Description		
	Concrete toe seaward of timber breastwork is undercut with large voids beneath and breaking up. Blockwork walls above appear sound but slips / falls in cliff below and some loss of mortar.		
	Recommendations		
Urgent repairs to toe, more detailed survey to cliff and walls required			


SBC Reference:	24-11B-01		
NFCDD reference:	1221D901D0802C09		
	Asset Location:	NZ89541152, NZ89651151	
	Asset Length:	115.8	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	High sections of blockwork sea wall facing in between in-situ rock outcrops. Sections of masonry appear sound condition, some mortar loss, but worse than noted previously, in several locations tie in of edges to cliff getting outflanked / abraded.		
	Recommendations		
Repair edges of panels where tie in to cliff			


SBC Reference:	25-11B-01		
NFCDD reference:	1221D901D0802C10		
	Asset Location:	NZ89771147, NZ89781150. West side of West Pier.	
	Asset Length:	26.8	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	In situ concrete retaining wall. Opened joints with exposed aggregates. Fair condition overall.		
	Recommendations		
Continue to monitor. Grout joints			


SBC Reference:	25-11B-02		
NFCDD reference:	1221D901D0802C12 002		
	Asset Location:	NZ89781150, NZ89861150	
	Asset Length:	~7	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Landing area has evidence of repairs and repointing to upper blocks		
	Recommendations		
Continue to monitor			


SBC Reference:	25-11B-03		
NFCDD reference:	1221D901D0802C12 003		
	Asset Location:	NZ89781150, NZ89861150	
	Asset Length:	~7	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Steps abraded and chipped on the top section with several horizontal cracks. Handrail corroded Wing wall in fair condition.		
	Recommendations		
Continue to monitor			


SBC Reference:	26-11B-01		
NFCDD reference:	1221D901D0802C12		
	Asset Location:	NZ89781150, NZ89861150 Start of west pier at slipway.	
	Asset Length:	87.7	
	Condition Assessment		
	Condition	Priority	Risk
	B	2	
	Brief Description		
	Battery wall. Deep voids between blockwork, few blocks vertically cracked. Voids between corners of blocks. Slipway wall capping beam and wall to W eroded, with displaced block. Prom in fair condition.		
	Recommendations		
Continue to monitor and repair deep voids, Cracks and monitor abrasion			


SBC Reference:	26-11B-02		
NFCDD reference:	1221D901D0802C12 001		
	Asset Location:	NZ89781150, NZ89861150	
	Asset Length:	~12	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Slipway in fair condition. Toe below beach level		
	Recommendations		
Continue to monitor			




SBC Reference:	27-11B-01		
NFCDD reference:	1221D901D0803C02		
	Asset Location:	NZ89861145, NZ89931173 West pier.	
	Asset Length:	639.7	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Inspection from crest side in generally fair condition. Some local movement and cracking of blocks. Prom has cracking between slabs. Handrails showing rust stains but intact. Where visible inner toe OK.		
	Recommendations		
Investigate and repair displaced/missing blocks			


SBC Reference:	N/A		
NFCDD reference:	1221D901D0803C01		
	Asset Location:	NZ89921172, NZ89921187 West breakwater arm.	
	Asset Length:	315.5	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Limited inspection as toe covered in water at low tide. Rust to handrail. Some timber planks in prom have ends rotting. Abrasion to edges of concrete structure and exposure of aggregate. Timber supporting structure weathered.		
	Recommendations		
Continue to monitor and replace planks in prom as necessary. Detailed inspection required			


SBC Reference:	N/A		
NFCDD reference:	1221D901D0803C06		
	Asset Location:	West bank, Whitby Harbour	
	Asset Length:	215.4	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	5
	Brief Description		
	Timber edge beam and fenders recently replaced. Deck support piles corroding. Original wall viewed from ends, looks fair. Some voids to blockwork. Deck support piles corroding.		
	Recommendations		
Detailed inspection of supporting piles to deck required			


SBC Reference:	N/A		
NFCDD reference:	1221D901D0803C07		
	Asset Location:	West bank, Whitby Harbour	
	Asset Length:	157.4	
	Condition Assessment		
	Condition	Priority	Risk
	C	3	3
	Brief Description		
	Timber fenders along length, vegetation to upper part of wall. Promenade in good condition. Lower wall obscured by seaweed. Steps cracked and open joints at mid-length. Concrete steps repaired but cracking and abrasion still evident. No handrail. Corrosion to floating pontoon supports at steps.		
	Recommendations		
Repair and repoint joints at steps			


SBC Reference:	N/A		
NFCDD reference:	1221D901D0803C10		
	Asset Location:	East bank, D/S of Whitby Bridge	
	Asset Length:	135.2	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Looks fair - some joint washout to riparian walls. Area of damage to blocks 20m d/s of bridge. Limited access, visual inspection from RNLI and bridge. Concrete apron near to the bridge appears in fair condition including the sheet pile toe.		
	Recommendations		
	Continue to monitor – repair washed out joints to wall		

SBC Reference:	N/A		
NFCDD reference:	1221D901D0803C08		
  	Asset Location:	West bank, Whitby Harbour RNLI Station and Pier.	
	Asset Length:	391.3	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Very weathered blocks with gaps on South side of old RNLI pier and displacement of facing/crack to deck slab at end. Void under SW corner.		
	Capping block missing on the slipway but fair overall condition.		
	Walls between piers of mixed construction, fair to poor condition. Missing mortar between blocks and cracked blocks.		
	Breakwater wall with deep joints and block eroding. Steps weathered with corroding handrail. Top revetment in fair condition		
Recommendations			
Fill voids, cracks and open joints			

SBC Reference:	N/A		
NFCDD reference:	1221D901D0803C09		
	Asset Location:	South of Collier Hope and Mussel Beds	
	Asset Length:	154.9	
	Condition Assessment		
	Condition	Priority	Risk
	C	3	
	Brief Description		
	Riparian walls in various conditions, some quite poor. Protected by sand and cobble beach. Spalling to the render and exposure of the aggregate. Slipway and steps weathered with missing joints.		
	Recommendations		
Continue to monitor, repoint where needed. Replace missing blocks			


SBC Reference:	N/A		
NFCDD reference:	1221D901D0803C05		
	Asset Location:	NZ90171146, NZ90421143. East side of pier.	
	Asset Length:	420.7	
	Condition Assessment		
	Condition	Priority	Risk
	C	1	
	Brief Description		
	Rock armour inside harbour very poor - evidence of wave damage to slope above revetment & failed / displaced /missing rock - cliff eroding above rock. Geogrid slope revetment undermined and obsolete. Outside harbour - section of rock armour washed out to sea leaving toe of cliff exposed to wave action.		
	Recommendations		
Add rock armour outside and inside harbour			


SBC Reference:	N/A		
NFCDD reference:	1221D901D0803C03		
	Asset Location:	NZ90161146, NZ90001174. East Pier.	
	Asset Length:	637	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Signs of many repairs to deck, but some open joints seen. Erosion to capping beams. Voids & settled blockwork at NE bend, inside face. Large cracks at several locations. Loose blocks at S end by rock armour. Toe piles corroded. Settled blocks on E face. Timber edge protection at Eastern end rotten.		
	Recommendations Continue to monitor and patch up pending capital repair scheme		


SBC Reference:	N/A		
NFCDD reference:	1221D901D0803C04		
	Asset Location:	NZ90041172, NZ89971186. East breakwater.	
	Asset Length:	330.9	
	Condition Assessment		
	Condition	Priority	Risk
	C	3	
	Brief Description		
	Limited visibility due to tide level and no access. Eroded joints and gaps in wall. Timber structure in poor condition. Corroded toe piles. Repair completed in 2012, more needed.		
	Recommendations Repair further sections of toe pile. Detailed inspection required		


Robin Hood's Bay


Asset locations detailed on drawing 457730-05


SBC Reference:	32-16A-01		
NFCDD reference:	1221D901D1002C02		
	Asset Location:	Robin Hood's Bay.	
	Asset Length:	59.4	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	>5
	Brief Description		
	Rock armour remains tightly packed and in good condition. Installed in 2001.		
	Recommendations		
	Continue to monitor		


SBC Reference:	32-16A-02		
NFCDD reference:	1221D901D1003C01001		
	Asset Location:	Robin Hood's Bay.	
	Asset Length:	~70	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	>5
	Brief Description		
	Slipway. Mixed construction in fair condition		
	Recommendations		
	Continue to monitor		


SBC Reference:	33-16A-01		
NFCDD reference:	1221D901D1003C01		
	Asset Location:	NZ95340504, NZ95270520	
	Asset Length:	183.4	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	>5
	Brief Description		
	Wall was built in 2001. Rock armour in good condition with good coverage. Some movement of rocks near centre apparent. Slipway ramp in good condition, some abrasion to slab and joints near toe. Wall very good condition, although starting to become exposed at Southern end tie in.		
	Recommendations		
	Continue to monitor. Repair S end tie into undefended cliff		


SBC Reference:	33-16A-02		
NFCDD reference:	1221D901D1003C02		
	Asset Location:	NZ95330488, NZ95310502	
	Asset Length:	150.5	
	Condition Assessment		
	Condition	Priority	Risk
	C	2	
	Brief Description		
	Toe not visible high beach levels. Concrete wall poor - displaying surface cracking, loss of surface, rust staining and mineral encrustation. Wall crest showing more cracking and repair work. Recent concrete spalling evident. Signs of recent repairs and repainting on crest wall. Prom fair.		
	Recommendations		
Continue to monitor. Undertake capital repairs			


SBC Reference:	34-16A-01		
NFCDD reference:	1221D901D1003C04		
	Asset Location:	NZ95320486, NZ95330488	
	Asset Length:	29.3	
	Condition Assessment		
	Condition	Priority	Risk
	C	3	
	Brief Description		
	Wall displaying surface erosion and joint washout. Recent repairs evident. Voids and open joints in masonry near tie in to concrete wall. Loose render on upper wall.		
	Recommendations		
Grout voids, repair render, repoint joints, re-inspect toe when beach lower			


SBC Reference:	35-16B-01		
NFCDD reference:	1221D901D1003C05		
	Asset Location:	NZ95310485, NZ95320486	
	Asset Length:	15.6	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Slipway in gen good condition. Some cracking but appears stable at present. Several missing cobbles near to toe and stream outfall. Some cracks/ missing joints.		
	Recommendations		
Continue to monitor , investigate and fill voids, repoint as necessary			


SBC Reference:	36-16B-01		
NFCDD reference:	1221D901D1003C06		
	Asset Location:	NZ95310481, NZ95310485	
	Asset Length:	51.9	
	Condition Assessment		
	Condition	Priority	Risk
	C	2	
	Brief Description		
	Patchwork of repairs/repointing throughout. Void / undercutting to S end of concrete toe. Some open joints and voids between blocks in south part near tie in. Deep horizontal cracks in low level berm with southern extremity previously repaired. Vertical crack in the repaired concrete section.		
	Recommendations		
Continue to monitor and repoint/repair			

SBC Reference:	36-16B-02		
NFCDD reference:	1221D901D1003C10		
	Asset Location:	NZ95320468, NZ95310481	
	Asset Length:	29.2	
	Condition Assessment		
	Condition	Priority	Risk
	C	3	
	Brief Description		
	Cracks and spalling to capping beam. Damage to previous repairs to South end of wall. Rock armour at toe in good condition. Rust staining below capping beam. Rock armour tightly packed.		
	Recommendations		
Continue to monitor. Repair spalling and joints where necessary			

SBC Reference:	36-16B-03		
NFCDD reference:	1221D901D1003C09001		
	Asset Location:	NZ95320468, NZ95310481	
	Asset Length:	~10	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	5
	Brief Description		
	Steps in good overall condition. No handrail.		
	Recommendations		
Continue to monitor			


SBC Reference:	37-16C-01		
NFCDD reference:	1221D901D1003C09		
	Asset Location:	NZ95320468, NZ95310481	
	Asset Length:	62	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	>5
	Brief Description		
	Rock armour is generally tightly packed and good cover. Some smaller rocks show signs of movement. Promenade in good condition. Overall good.		
	Recommendations		
Monitor armour for need to re-profile in future			


SBC Reference:	37-16C-02		
NFCDD reference:	1221D901D1003C07001		
	Asset Location:	NZ95320468, NZ95310481	
	Asset Length:	~20	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	>5
	Brief Description		
	Slipway in good condition.		
	Recommendations		
	Continue to monitor		


SBC Reference:	37-16C-03		
NFCDD reference:	1221D901D1003C07		
	Asset Location:	NZ95320468, NZ95310481	
	Asset Length:	54.3	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Rock armour mostly well packed, but cliffs slumping from rear over top of revetment has damaged and displaced rock, particular just South of slipway / ramp.		
	Recommendations		
	Re-profile armour near end of slipway		


Scarborough North Bay & Holms and Castle Headland


Asset locations detailed on drawing 457730-06


SBC Reference:	39-20A-01		
NFCDD reference:	1221D901D1201C02001		
	Asset Location:	TA03549057, TA03569082 next to Sea Life Centre.	
	Asset Length:	~10	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	>5
	Brief Description		
	Steps. Localised concrete abrasion with chipped tread but overall fair condition		
	Recommendations		
Continue to monitor			


SBC Reference:	39-20A-02		
NFCDD reference:	1221D901D1201C02		
	Asset Location:	TA03549057, TA03569082. Wall and promenade next to Sea Life Centre. Extends to Southern steps (40-20a-01)	
	Asset Length:	327.2	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	>5
	Brief Description		
	Vertical cracks either side of the 90deg corner at the slipway indicating movement. Spalling / damaged block facing and missing joints in places. Exposed aggregate in places to wall. Wall toe getting undercut to N & S. Sheet piling visible in places holes in piles where visible. Cracks to splash wall but looks sound. Prom good cond.		
	Recommendations		
Continue to monitor crack movement, refill joints			


SBC Reference:	39-20A-03		
NFCDD reference:	1221D901D1201C02002		
	Asset Location:	TA03549057, TA03569082. Wall and promenade next to Sea Life Centre.	
	Asset Length:	~15	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Slipway at S not usable due to toe erosion. Evident revetment repairs seaward on the top half.		
	Recommendations		
Continue to monitor			


SBC Reference:	39-20A-04		
NFCDD reference:	1221D901D1201C02003		
	Asset Location:	Between slipway and steps	
	Asset Length:	Part of overall wall length (327.2)	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Blockwork in fair condition.		
	Recommendations		
Continue to monitor			


SBC Reference:	40-20A-01		
NFCDD reference:	1221D901D1201C02004		
	Asset Location:		
	Asset Length:	~5	
	Condition Assessment		
	Condition	Priority	Risk
	D	1	
	Brief Description		
	Very poor condition. Asset in needs of major repairs. To be closed off as hazardous to Public. Abutments and steps dilapidated. (I.e. Missing and broken steps, limited edge protection from prom). Toe piling only exposed at steps at N end.		
	Recommendations		
Close off to public. Consider removing completely			

SBC Reference:	40-20A-02		
NFCDD reference:	1221D901D1201C03		
	Asset Location:	TA03589031, South of Sea Life Centre.	
	Asset Length:	120.6	
	Condition Assessment		
	Condition	Priority	Risk
	C	3	
	Brief Description		
	Erosion of external blockwork throughout sea wall. Vertical crack to sea wall at south end of stretch. Corroded handrails. Cracking and spalling to prom slabs and some missing sealant between slabs. Discontinuous handrail Damaged splash beam and significant spalling of concrete block facing.		
	Recommendations		
Continue to monitor and repair cracks to wall			


SBC Reference:	40-20A-03		
NFCDD reference:	1221D901D1201C03001		
	Asset Location:	TA03589031, South of Sea Life Centre.	
	Asset Length:	~5	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Weathered concrete revetment but fair condition overall. The South abutment wall has been repaired but the North wall would also need attention as damaged in places. Treads in fair condition		
	Recommendations		
Repair northern wall. Continue to monitor			


SBC Reference:	40-20A-04		
NFCDD reference:	1221D901D1201C24		
	Asset Location:	TA03589031, TA03549057	
	Asset Length:	65	
	Condition Assessment		
	Condition	Priority	Risk
	C	3	
	Brief Description		
	Exposed aggregate and erosion / spalling to capping beam and facing blockwork. Cracks throughout promenade. Repairs evident in rear revetment.		
	Recommendations		
Continue to monitor. Repair damaged capping beam and cracks in promenade			


SBC Reference:	40-20A-05		
NFCDD reference:	1221D901D1201C24 ⁰⁰¹		
	Asset Location:		
	Asset Length:	~5	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	>5
	Brief Description		
	Abutment wall abraded on one side (bottom half only) Steps in fair condition overall		
	Recommendations		
Continue to monitor			


SBC Reference:	40-20A-06		
NFCDD reference:	1221D901D1201C25		
	Asset Location:	TA0357690349 North of slipway and beach huts.	
	Asset Length:	73.8	
	Condition Assessment		
	Condition	Priority	Risk
	C	3	
	Brief Description		
	Face loss with exposed aggregates. Cracking to parts of promenade. Revetment to rear of prom appears in good condition, recently repaired.		
	Recommendations		
Repair face of wall and cracks in promenade			


SBC Reference:	41-20A-01		
NFCDD reference:	1221D901D1201C04 001		
	Asset Location:		
	Asset Length:	~6	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Slipway. Spalling coping on side wall. Missing joints on revetment		
	Recommendations		
Replace missing joints			
SBC Reference:	41-20A-02		

NFCDD reference:	1221D901D1201C04		
	Asset Location:	TA03599020, TA03589031 At North end of beach huts.	
	Asset Length:	99.1	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Repairs appear to be holding. Beach high covering lower wall. Promenade in good condition. Missing joints at the North end where not repaired.		
	Recommendations		
Continue to monitor repair cracks and coping			


SBC Reference:	41-20A-03		
NFCDD reference:	1221D901D1201C10 001		
	Asset Location:	TA03599020, TA03589031	
	Asset Length:	~4	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Slipway. Joints to block paving missing Capping beam to side wall abraded and chipped		
	Recommendations		
Replace joints. Continue to monitor			


SBC Reference:	41-20A-04		
NFCDD reference:	1221D901D1201C10		
	Asset Location:	TA03599020, TA03589031	
	Asset Length:	13	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Few cracks appear on capping beam, adjacent to N ramp to prom. High beach level, toe not visible. Promenade in good condition. Visible repair to block facing and capping but localised spalling to splash wall in places.		
	Recommendations		
Repair spalling to splash wall			


SBC Reference:	42-20A-02		
NFCDD reference:	1221D901D1201C26		
	Asset Location:	TA03758981, TA03599020	
	Asset Length:	13.7	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	5
	Brief Description		
	Sea wall mostly buried by sand. Spalling in poured concrete capping to wall, promenade in fair condition.		
	Recommendations		
Continue to monitor and maintain			


SBC Reference:	42-20A-03		
NFCDD reference:	1221D901D1201C26 ⁰⁰¹		
	Asset Location:		
	Asset Length:		
	Condition Assessment		
	Condition	Priority	Risk
	B	4	5
	Brief Description		
	Damaged abutment with exposed aggregates Rounded and chipped steps but fair condition overall.		
	Recommendations		
Continue to monitor			


SBC Reference:	42-20A-04		
NFCDD reference:	1221D901D1201C11		
	Asset Location:	TA03758981, TA03599020	
	Asset Length:	58.7	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	5
	Brief Description		
	Beach high. Evidence of repairs to capping. Abrasion to wall blocks. Cracks and chipped concrete capping to wall, promenade in good condition. Rear revetment looks fair.		
	Recommendations		
Continue to monitor			


SBC Reference:	42-20A-05		
NFCDD reference:	1221D901D1201C11001		
	Asset Location:	TA03758981, TA03599020	
	Asset Length:	~3	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	5
	Brief Description		
	New abutment walls either side. Steps in fair condition		
	Recommendations		
Continue to monitor			


SBC Reference:	42-20A-06		
NFCDD reference:	1221D901D1201C12		
	Asset Location:	TA03758981, TA03599020	
	Asset Length:	58.4	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	5
	Brief Description		
	Sea wall mostly buried by sand. Section of coping to wall have been repaired, promenade in good condition but some spalling adjacent to coping. Rear revetment in fair condition.		
	Recommendations		
Continue to monitor			
SBC Reference:	42-20A-07		
NFCDD reference:	1221D901D1201C12001		


	Asset Location:		TA03758981, TA03599020
	Asset Length:		~3
	Condition Assessment		
	Condition	Priority	Risk
	B	4	5
	Brief Description		
	Steps: Abutment rebuilt both sides Lower steps rounded but good condition overall		
	Recommendations		
Continue to monitor			


SBC Reference:	42-20A-08		
NFCDD reference:	1221D901D1201C13		
	Asset Location:		TA03758981, TA03599020
	Asset Length:		58.2
	Condition Assessment		
	Condition	Priority	Risk
	B	4	>5
	Brief Description		
	Beach high, only top row of blocks and capping visible. Some spalling to joints between sections of capping, erosion to capping exposing aggregate. Missing joints in grouted revetment to rear.		
	Recommendations		
Continue to monitor. Replace joints			


SBC Reference:	42-20A-09		
NFCDD reference:	1221D901D1201C13 ⁰⁰¹		
	Asset Location:		TA03758981, TA03599020
	Asset Length:		~3
	Condition Assessment		
	Condition	Priority	Risk
	B	4	>5
	Brief Description		
	Most steps below beach level. Rounded steps. Fair condition overall		
	Recommendations		
Continue to monitor			


SBC Reference:	42-20A-10		
NFCDD reference:	1221D901D1201C14		
	Asset Location:	TA03758981, TA03599020	
	Asset Length:	58.4	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	5
	Brief Description		
	Cracks to capping with some erosion exposing aggregate in places, Some capping slabs repaired, but remaining showing signs of damage. High beach at time of inspection. Rear revetment fair condition.		
	Recommendations		
Monitor and repair spalling to wall capping			


SBC Reference:	42-20A-11		
NFCDD reference:	1221D901D1201C14001		
	Asset Location:	TA03758981, TA03599020	
	Asset Length:	~3	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	>5
	Brief Description		
	Most steps below beach level. Rounded and chipped steps. Abutments walls in good condition		
	Recommendations		
Continue to monitor			


SBC Reference:	42-20A-12		
NFCDD reference:	1221D901D1201C15		
	Asset Location:	TA03758981, TA03599020	
	Asset Length:	31.9	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	>5
	Brief Description		
	Only concrete capping of wall visible due to high beach, wall capping and promenade in good condition, no visible defects. Rear wall - ramp below beach management centre appears near new condition, some rust staining at fixings.		
	Recommendations		
Continue to monitor			


SBC Reference:	42-20A-13		
NFCDD reference:	1221D901D1201C15001		
	Asset Location:	TA03758981, TA03599020	
	Asset Length:	~3	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	5
	Brief Description		
	Fair condition overall. Rounded steps and new abutment walls		
	Recommendations		
Continue to monitor			


SBC Reference:	42-20A-14		
NFCDD reference:	1221D901D1201C16		
	Asset Location:	TA03758981, TA03599020. In front of Beach Management Centre.	
	Asset Length:	32	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	5
	Brief Description		
	Only capping visible due to high beach. Some missing mortar to first (North) slab, cracking to capping at joints as well as the edges. Chipped capping at North end. Promenade in good condition. Rear revetment has been repaired		
	Recommendations		
Repair damage to capping and inspect at low beach height			


SBC Reference:	42-20A-15		
NFCDD reference:	1221D901D1201C16001		
	Asset Location:	TA03758981, TA03599020.	
	Asset Length:	~3	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	5
	Brief Description		
	Steps: Fair overall condition		
	Recommendations		
Continue to monitor			


SBC Reference:	42-20A-16		
NFCDD reference:	1221D901D1201C05		
	Asset Location:	TA03758981, TA03599020	
	Asset Length:	55.6	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	5
	Brief Description		
	High beach, capping & top row only visible. Exposed aggregate in localised places. Some chipped capping along length.		
	Recommendations		
Monitor and repair coping			


SBC Reference:	42-20A-17		
NFCDD reference:	1221D901D1201C05001		
	Asset Location:	TA03758981, TA03599020	
	Asset Length:	~3	
	Condition Assessment		
	Condition	Priority	Risk
	A	4	5
	Brief Description		
	Fair condition overall		
	Recommendations		
Continue to monitor			


SBC Reference:	42-20A-18		
NFCDD reference:	1221D901D1201C17		
	Asset Location:	In front on new apartments.	
	Asset Length:	22.8	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	5
	Brief Description		
	Only capping and top row visible. Localised gapping at joint, in centre of defence. New wall to rear has replaced most of rock revetment. Some voids evident in rear revetment. Some chips to rear of capping on prom.		
	Recommendations		
Repair defects to coping/prom edge and rear revetment			


SBC Reference:	42-20A-19		
NFCDD reference:	1221D901D1201C17001		
	Asset Location:		
	Asset Length:	~3	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	5
	Brief Description		
	Steps: Fair overall condition Penultimate step replaced from the top		
	Recommendations		
	Continue to monitor		

SBC Reference:	42-20A-20		
NFCDD reference:	1221D901D1201C18		
	Asset Location:	In front of new apartments.	
	Asset Length:	43	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	5
	Brief Description		
	Cracking and spalling to wall capping. Beach high covering most of wall. Promenade in good condition. Rear wall remains as new.		
	Recommendations		
	Repair/replace damaged capping/coping beams		


SBC Reference:	42-20A-21		
NFCDD reference:	1221D901D1201C18001		
	Asset Location:		
	Asset Length:	~3	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	5
	Brief Description		
	Steps: Fair condition -partly buried in sand		
	Recommendations		
	Continue to monitor		


SBC Reference:	43-20B-01		
NFCDD reference:	1221D901D1201C06		
	Asset Location:	TA03818971, TA03758981	
	Asset Length:	34.2	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Wall has been repaired. South section rebuilt / overlaid. Cracking still evident at N end (I.e. 3 vertical cracks after the section which was re-built)		
	Recommendations		
Monitor and repair cracks			

SBC Reference:	43-20B-02		
NFCDD reference:	1221D901D1201C06001		
	Asset Location:		
	Asset Length:		
	Condition Assessment		
	Condition	Priority	Risk
	A	4	5
	Brief Description		
	Slipway in good condition – As new		
	Recommendations		
No issues			


SBC Reference:	43-20B-03		
NFCDD reference:	1221D901D1201C19		
	Asset Location:	TA03818971, TA03758981. In front of new development.	
	Asset Length:	93.2	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Upper wall has been rebuilt at North end. South pier has been rebuilt next to slipway. Facing of some blocks missing. Fair overall condition		
	Recommendations		
Repair missing joints and chipped parts of capping and splash beams			

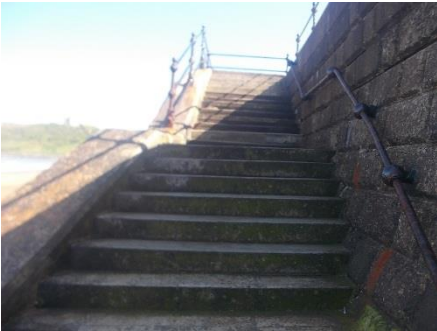
SBC Reference:	43-20B-04		
NFCDD reference:	1221D901D1201C20001		


	Asset Location:		
	Asset Length:	~10	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Broken edge to construction joints. Missing sealant. Overall Fair condition. Toe below beach level		
	Recommendations		
Replace sealant in joints. Continue to monitor			


SBC Reference:	44-20B-01		
NFCDD reference:	1221D901D1201C20		
	Asset Location:	South of new development.	
	Asset Length:	40.8	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Section of coping recently repaired. Cracking / missing joints below coping in several places. Missing block at toe level. Cracking in prom.		
	Recommendations		
Seal joints and repair cracks in coping. Continue to monitor			


SBC Reference:	44-20B-02		
NFCDD reference:	1221D901D1201C07		
	Asset Location:	TA03818971, TA04078946 East of Alexandra Gardens.	
	Asset Length:	158.9	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Damaged coping in several locations. Previous repair work to cracks holding. Missing joints although some have been repaired. Corrosion to hand rails. Prom relaid in concrete in 2012 in good cond. Damage to prom at North End (i.e. concrete revetment missing)		
	Recommendations		
Replace missing joints and revetment. Treat Corrosion			

SBC Reference:	44-20B-03		
NFCDD reference:	1221D901D1201C07001		
	Asset Location:		
	Asset Length:	~7	
	Condition Assessment		
	Condition	Priority	Risk
	C	3	
	Brief Description		
	Erosion / undercutting of steps at South end. Steps abraded. Missing blocks near toe in centre.		
	Recommendations		
Replace missing block. Recast step treads			

SBC Reference:	44-20B-04		
NFCDD reference:	1221D901D1201C07002		
	Asset Location:		
	Asset Length:	~7	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Fair condition Corroded handrail and discontinuous seaward.		
	Recommendations		
Treat corroded handrail. Continue to monitor			


SBC Reference:	44-20B-05		
NFCDD reference:	1221D901D1201C21		
	Asset Location:	TA03818971, TA04078946 East of Alexandra Gardens.	
	Asset Length:	211.1	
	Condition Assessment		
	Condition	Priority	Risk
	C	3	
	Brief Description		
	Erosion to capping at edge of prom. Cracks and holes between capping and prom. Prom surface replaced in 2012 at N and S ends, but centre still to do. Apron toe slab being repaired whilst undertaking the survey. Concrete block missing at Northern end. Vertical crack through the concrete repair already carried out.		
	Recommendations		
Repairs appeared to be being carried out in area. Continue to monitor			


SBC Reference:	45-20B-01		
NFCDD reference:	1221D901D1201C08001		
	Asset Location:	Part of 45-20B-02	
	Asset Length:	25	
	Condition Assessment		
	Condition	Priority	Risk
	C	2	
	Brief Description		
	Slipway fenced off to prevent access. Significant settlement (i.e. depression in the tarmac revetment at the top). Concrete block facing replacement at rear of slipway. Large crack at the bottom Block revetment with mass concrete repair but missing joints		
	Recommendations		
	Carry out repairs to make slipway safe or fence off at bottom as well as top		


SBC Reference:	45-20B-02		
NFCDD reference:	1221D901D1201C08		
	Asset Location:	TA04078945, TA04288930	
	Asset Length:	206.9	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Cracks & open joints to prom slabs and loss of surface. Some prom slabs have been replaced / repaired recently. Recent repair / replacement work on some of the steps / toe, but some horizontal cracks in original blocks remain. Lower wall not visible.		
	Recommendations		
	Continue to monitor and repair cracks and resurface rest of prom		


The Holms and Castle Headland


Asset locations detailed on drawing 457730-06


SBC Reference:	45-20B-03		
NFCDD reference:	1221D901D1202C23		
	Asset Location:	North of Albert Road.	
	Asset Length:	31.5	
	Condition Assessment		
	Condition	Priority	Risk
	C	3	
	Brief Description		
	2 large vertical cracks extending through wall. Damaged blockwork and lower part of wall eroded and exposed aggregate. Cracks to promenade. Handrails corroding.		
	Recommendations		
Continue to monitor, seal cracks, repair damage			


SBC Reference:	46-20B-01		
NFCDD reference:	1221D901D1202C01		
	Asset Location:	TA04288929, TA0493895. East of Albert Road.	
	Asset Length:	124.8	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	>5
	Brief Description		
	Original wall hidden by rock armour, splash wall seems to be in good condition. Tightly packed rock armour with good coverage. Some smaller rock loose on crest.		
	Recommendations		
Continue to monitor			


SBC Reference:	46-20B-02		
NFCDD reference:	1221D901D1202C01001		
	Asset Location:		
	Asset Length:	~5	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	>5
	Brief Description		
	Steps: Good condition throughout		
	Recommendations		
Continue to monitor			


SBC Reference:	46-20B-03		
NFCDD reference:	1221D901D1202C03 003		
	Asset Location:	Part of 46-20b-04	
	Asset Length:	~3	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	>5
	Brief Description		
	Good condition throughout. Steps combine with SBC Ref: 46-20B-02 with single flight to beach level		
	Recommendations		
Continue to monitor			

SBC Reference:	46-20B-04		
NFCDD reference:	1221D901D1202C03		
	Asset Location:		
	Asset Length:	429.2	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	>5
	Brief Description		
	The Holms. Prom & Splash wall in good condition. Some of prom surfacing damaged locally. Armour well packed and good cover. Original wall not visible.		
	Recommendations		
Continue to monitor			

SBC Reference:	46-20B-05		
NFCDD reference:	1221D901D1202C03 002		
	Asset Location:	Part of 46-20B-04	
	Asset Length:	~4	
	Condition Assessment		
	Condition	Priority	Risk
	A	4	>5
	Brief Description		
	Steps in good condition throughout		
	Recommendations		
Continue to monitor			


SBC Reference:	46-20B-06		
NFCDD reference:	1221D901D1202C03001		
	Asset Location:	Part of 46-20B-04	
	Asset Length:	~4	
	Condition Assessment		
	Condition	Priority	Risk
	A	4	
	Brief Description		
	Steps in good condition throughout. Steps combine with SBC Ref: 46-20B-05 with single flight to beach level		
	Recommendations		
Continue to monitor			


SBC Reference:	46-20B-07		
NFCDD reference:	1221D901D1202C04		
	Asset Location:		
	Asset Length:	219.9	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	>5
	Brief Description		
	Original wall hidden by armour, splash wall seems to be in good condition. Tightly packed rock armour appears stable, no loose rocks. Toe piling working well, some natural rock against piling. Prom good condition.		
	Recommendations		
Continue to monitor			


SBC Reference:	N/A		
NFCDD reference:	1221D901D1202C02		
	Asset Location:	TA05178883, TA04988952. East of Scarborough Castle.	
	Asset Length:	886.7	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	>5
	Brief Description		
	Vertical cracks on some of the splash wall modules, some chipping at joints, Accropodes slightly eroded and chipped throughout. No concern at present. Promenade slab sound. Piling not all visible, inspection only from crest.		
	Recommendations		
Continue to monitor. Repair cracks and joints to splash walls			



Scarborough Harbour and South Bay


Asset locations detailed on drawing 457730-07


SBC Reference:	N/A		
NFCDD reference:	1221D901D1301C01		
	Asset Location:	TA04958849, TA05178883 North Harbour Breakwater.	
	Asset Length:	444.9	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	5
	Brief Description		
	Crest wall good. Rock armour & accropodes in generally good condition, well packed. Less tightly packed or missing armour units at south end of wall. Several cracked pieces of armour. Possible settlement of crest adjacent to area with rock toe apron.		
	Recommendations		
Continue to monitor			


SBC Reference:	N/A		
NFCDD reference:	1221D901D1301C16		
	Asset Location:	Scarborough Harbour. North breakwater inner wall.	
	Asset Length:	362.1	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	3
	Brief Description		
	Vegetation at bottom half of wall. Wall repointed and gap filled. Repairs holding, but some voids at toe. Some cracks to promenade. Timber edge beams have been replaced. Steps have been repaired since 2012.		
	Recommendations		
Continue to monitor. Repair toe voids			

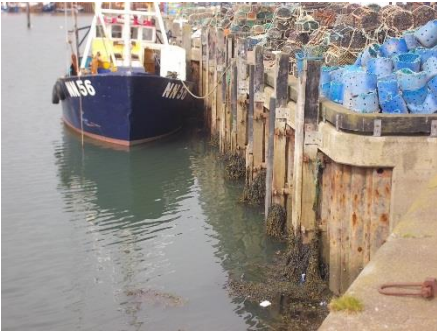
SBC Reference:	N/A		
NFCDD reference:	1221D901D1301C02		
	Asset Location:	TA05108874, TA05148874. Next to and under fairground.	
	Asset Length:	77.9	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Wall unable to be inspected due to timber decking and high sand level under decking. Missing joints to the wall at slipway edge. Missing grout between stone blocks in slipway surface		
	Recommendations		
Report missing joints to spillway wall and repair slipway surfacing			


SBC Reference:	N/A		
NFCDD reference:	1221D901D1301C04		
 	Asset Location:	TA04948860, TA05088877. Old pier	
	Asset Length:	463.1	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Appears fair. Missing fill between blocks throughout wall, fenders, vegetation and boats obscuring the lower parts of wall on old harbor side. Promenade in good condition.		
	Recommendations		
Continue to monitor and repoint cracks and missing joints			


SBC Reference:	N/A		
NFCDD reference:	1221D901D1301C03		
	Asset Location:	TA04958853, TA04938860. Lighthouse island.	
	Asset Length:	83.5	
	Condition Assessment		
	Condition	Priority	Risk
	C	3	
	Brief Description		
	Inner wall at entrance breakwater. Numerous cracks to blocks and missing mortar in joints. Vegetation and fenders obscuring most of walls. Only inspected from distance.		
	Recommendations		
Continue to monitor and repoint cracks and joints			


SBC Reference:	N/A		
NFCDD reference:	1221D901D1301C17		
	Asset Location:	TA04958853, TA04938860. Wall at south side of Lighthouse island	
	Asset Length:	97	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Outer face. Sheet piles heavily corroded, although obscured by vegetation growing on the bottom of the piling. Void seen under southern corner in 2012, has been repaired. Only visible from a distance.		
	Recommendations		
Full structural assessment of sheet piles required			


SBC Reference:	N/A		
NFCDD reference:	1221D901D1301C05		
	Asset Location:	TA05048878, TA05088877. South of roundabout opposite arcade.	
	Asset Length:	43.2	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Cracking and missing joints to top of capping, arches look structurally sound, access ladder has been renewed. Promenade in good condition. Slipway partly obstructed by portacabins but seems in good condition.		
	Recommendations		
	Repair cracks and damage to coping. Grout slipway blocks		


SBC Reference:	N/A		
NFCDD reference:	1221D901D1301C12		
	Asset Location:	TA04998877, TA05048878. West of masonry arches.	
	Asset Length:	51.7	
	Condition Assessment		
	Condition	Priority	Risk
	C	3	
	Brief Description		
	Corrosion evident sheet piles, especially lower part, but appear stable. Promenade in good condition. Some timber fenders replaced with GRP. Missing mortar in joints in slipway surfacing at western end.		
	Recommendations		
	Continue to monitor. Repair joints in slipway		


SBC Reference:	N/A		
NFCDD reference:	1221D901D1301C11		
	Asset Location:	TA04958876, TA04998877, Opposite Subway restaurant.	
	Asset Length:	47	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Few minor cracks to wall, spalling to capping. Promenade in good condition. Upper wall good. Slipway blocks missing mortar joints in places. Concrete piles at lower wall appear stable.		
	Recommendations		
	Continue monitoring, repair cracks/joints		


SBC Reference:	N/A		
NFCDD reference:	1221D901D1301C06		
	Asset Location:	TA04768876, TA04958876. Opposite Information centre.	
	Asset Length:	195.8	
	Condition Assessment		
	Condition	Priority	Risk
	B	2	
	Brief Description		
	Back wall appears to be fair to good, where visible although cracks and missing joints in places. Suspended quay appears to be fair condition, some cracks in protective coating. Concrete spray lining on roof seems in good condition. Exposed rebars and concrete spalling noted on structural beams at east end where accessible. Prom good. Timber edging rail decaying.		
	Recommendations		
	Monitor cracks to wall. Repair spalling		


SBC Reference:	N/A		
NFCDD reference:	1221D901D1301C14		
	Asset Location:	TA04758875, TA04768876. West of Information centre.	
	Asset Length:	19.5	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Missing mortar in wall at top. Gaps in between blocks in slipway missing mortar.		
	Recommendations		
	Continue monitoring. Repoint missing joints		


SBC Reference:	N/A		
NFCDD reference:	1221D901D1301C13		
	Asset Location:	TA04758875, TA04908862. West pier wall.	
	Asset Length:	140.2	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Sheet piles appear fair where visible, but only inspected from distance at low water. Cracks in concrete capping and prom. Missing mortar between blocks in slipway.		
	Recommendations		
Consider future inspection of quay from boat. Grout slipway joints			


SBC Reference:	N/A		
NFCDD reference:	1221D901D1301C18		
	Asset Location:	West Pier, Scarborough South Bay.	
	Asset Length:	115.6	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Heavily corroded piles throughout but only visible from distance. New concrete capping with steel edge beam		
	Recommendations		
Continue to monitor			


SBC Reference:	49-21B-05		
NFCDD reference:	1221D901D1301C18 ⁰⁰¹		
	Asset Location:	West Pier, Scarborough South Bay.	
	Asset Length:	~5	
	Condition Assessment		
	Condition	Priority	Risk
	C	2	
	Brief Description		
	Cracking and missing render at steps. Treads in good condition. Back wall heavily abraded with exposed aggregates and missing capping block in places. Heavily corroded handrail		
	Recommendations		
Treat or replace handrail. Replace missing capping block and concrete skim the back wall.			


SBC Reference:	49-21B-04		
NFCDD reference:	1221D901D1301C07		
	Asset Location:	TA04738870, TA04908862. Beach end of West Pier, between stairs.	
	Asset Length:	58.7	
	Condition Assessment		
	Condition	Priority	Risk
	C	2	
	Brief Description		
	Scour apron not visible due to beach level. Horizontal and vertical cracking at bend of wall, repair work failing. Exposed aggregate throughout wall. Numerous cracks throughout wall. Exposed timber toe piles rotten with scoured concrete wall behind.		
	Recommendations		
	Continue to monitor and repair cracks, voids and damaged apron. Improve toe protection		


SBC Reference:	49-21B-03		
NFCDD reference:	1221D901D1301C07001		
	Asset Location:	TA04738870, TA04908862. Beach end of West Pier, between stairs.	
	Asset Length:	~5	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Precast steps exposed on seaward side - needs repointing. No edge / toe protection seaward		
	Recommendations		
	Repoint steps. Continue to monitor		


SBC Reference:	49-21B-02		
NFCDD reference:	1221D901D1301C19		
	Asset Location:	TA04738870, TA04908862. Shore end of West Pier.	
	Asset Length:	110.4	
	Condition Assessment		
	Condition	Priority	Risk
	C	3	
	Brief Description		
	Toe piles not visible. Vertical crack from top to bottom of wall at middle section of length, appears same as last inspection. Horizontal and vertical cracks and exposed aggregate throughout wall. Rotten timber toe piles exposed at deeper end. Scour hole developing behind the timber piles. Few minor cracks to promenade.		
	Recommendations		
	Continue to monitor and repair cracks. Repair scour holes.		


SBC Reference:	49-21B-01		
NFCDD reference:	1221D901D1301C08		
	Asset Location:	TA04708872, TA04738870	
	Asset Length:	69.2	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Majority of the wall now made redundant as incorporated in new development site. Some mortar loss to joints in remainder of wall, some minor erosion to capping beam, as well as minor mortar loss of joints to toe.		
	Recommendations		
	Continue monitoring, repair joints. Redefine extent of asset because of construction works		


SBC Reference:	51-22A-01		
NFCDD reference:	1221D901D1301C20		
	Asset Location:	Next to Life boat house.	
	Asset Length:	28.5	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Majority of asset hidden within construction site		
	Recommendations		
	Repair missing joints and cracks. Redefine extent of asset after construction works		


SBC Reference:	51-22A-02		
NFCDD reference:	1221D901D1301C15		
	Asset Location:	TA04538856, TA04698873	
	Asset Length:	40.3	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Missing mortar joints throughout wall, especially to coping. Beach quite high. Prom good. Handrail rusting in places.		
	Recommendations		
	Repair joints between blocks. Treat handrails. Continue to monitor		


SBC Reference:	51-22A-03		
NFCDD reference:	1221D901D1301C15 ⁰⁰¹		
	Asset Location:	TA04538856, TA04698873	
	Asset Length:	~3	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	5
	Brief Description		
	Fair condition overall. Chipped concrete steps		
	Recommendations		
	Continue to monitor		


SBC Reference:	51-22A-04		
NFCDD reference:	1221D901D1301C21		
	Asset Location:	TA04538856, TA04698873	
	Asset Length:	57.8	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Wall in fair condition, missing mortar between blocks, especially below coping. Prom good. Beach quite high, only top of wall visible. Rusting coming through on several areas of handrails.		
	Recommendations		
Repoint when necessary. Treat handrails			


SBC Reference:	51-22A-05		
NFCDD reference:	1221D901D1301C21001		
	Asset Location:	TA04538856, TA04698873	
	Asset Length:	~3	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	5
	Brief Description		
	Fair condition overall		
	Recommendations		
Continue to monitor			


SBC Reference:	51-22A-06		
NFCDD reference:	1221D901D1301C22		
	Asset Location:	TA04538856, TA04698873	
	Asset Length:	114.9	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Beach high so only upper wall visible. Broken section of lower handrail at mid length. Some missing mortar between top row of blocks. Prom good.		
	Recommendations		
Repair handrails. Repoint blocks			


SBC Reference:	51-22A-07		
NFCDD reference:	1221D901D1301C22 001		
	Asset Location:	TA04538856, TA04698873	
	Asset Length:	~10	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Small access ramp covered by the beach. Exposed surface looks in fair condition.		
	Recommendations		
Continue to monitor			


SBC Reference:	51-22A-08		
NFCDD reference:	1221D901D1301C23		
	Asset Location:	TA04538856, TA04698873	
	Asset Length:	101.8	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Beach high so only upper wall inspected. Wall appears in fair to good condition although missing joints in places. Some loss of material at road / slipway junction in south.		
	Recommendations		
Repair edge of road at slipway			


SBC Reference:	51-22A-09		
NFCDD reference:	1221D901D1301C23 001		
	Asset Location:	TA04538856, TA04698873	
	Asset Length:	~10	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	5
	Brief Description		
	Covered by sand and by the lifeguard station		
	Recommendations		
Continue to monitor			

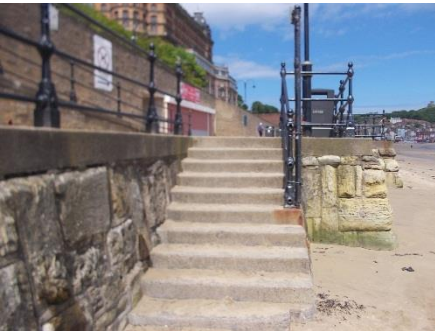
SBC Reference:	51-22A-10		
NFCDD reference:	1221D901D1301C24		
	Asset Location:	TA04538856, TA04698873	
	Asset Length:	109.7	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Southern section face of masonry abraded. Some missing mortar between blocks. Prom good.		
	Recommendations		
	Monitor and repoint when necessary		

SBC Reference:	51-22A-11		
NFCDD reference:	1221D901D1301C24 ⁰⁰¹		
	Asset Location:		
	Asset Length:	~10	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Slipway. Missing mortar in gaps between blocks.		
	Recommendations		
	Fill gaps between blocks. Continue to monitor		


SBC Reference:	51-22A-12		
NFCDD reference:	1221D901D1301C25		
	Asset Location:	TA04538856, TA04698873. In front of Hotel.	
	Asset Length:	99.1	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Missing mortar in joints in places and signs of abrasion, but no cause for concern. Promenade in good condition.		
	Recommendations		
	Continue to monitor and repair joints		


SBC Reference:	52-22A-01		
NFCDD reference:	1221D901D1301C09 001		
	Asset Location:		
	Asset Length:	~4	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	5
	Brief Description		
	Fair condition overall		
	Recommendations		
	Continue to monitor		


SBC Reference:	52-22A-02		
NFCDD reference:	1221D901D1301C09		
	Asset Location:	TA04428822, TA04438827. Wall at underground tunnel entrance.	
	Asset Length:	41.5	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	5
	Brief Description		
	Toe apron has been repaired / overlaid. Localised missing mortar in joints to wall and signs of abrasion. Several full height vertical cracks to upper road wall. Promenade in good condition.		
	Recommendations		
	Continue to monitor and repair joints and cracks		


SBC Reference:	52-22A-03		
NFCDD reference:	1221D901D1301C09 002		
	Asset Location:		
	Asset Length:	~4	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	5
	Brief Description		
	Fair condition overall		
	Recommendations		
	Continue to monitor		


SBC Reference:	52-22A-04		
NFCDD reference:	1221D901D1301C10		
	Asset Location:	TA04508772, TA04428822. North of slipway.	
	Asset Length:	100.7	
	Condition Assessment		
	Condition	Priority	Risk
	C	2	
	Brief Description		
	Missing mortar joints to wall and cracked blockwork to lower part of wall, vegetation near slipway. Large horizontal crack / void on the side wall of the slipway Cracking in upper retaining wall between prom and slipway.		
	Recommendations		
Continue to monitor, repair cracks and joints			


SBC Reference:	53-22B-01		
NFCDD reference:	1221D901D1301C10001		
	Asset Location:	South of 52-22A-04	
	Asset Length:	~12	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Repairs to slipway toe holding, but more open joints require filling. Mixed revetment construction testimony of previous repairs undertaken.		
	Recommendations		
Continue monitoring, repair joints			


SBC Reference:	53-22B-02		
NFCDD reference:	1221D901D1301C26		
	Asset Location:	TA04508772, TA04428822. South of slipway.	
	Asset Length:	162.1	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Wall in fair. Some cracked blocks but seem stable. Missing mortar / open joints here and there. Crest wall repairs evident with some sections of coping repaired after storm damage. Some coping blocks very weathered.		
	Recommendations		
Grout joints. Continue to monitor			


SBC Reference:	53-22B-04		
NFCDD reference:	1221D901D1301C26001		
	Asset Location:	Part of 53-22b-02	
	Asset Length:	~5	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Fair overall condition with bottom steps damaged in places		
	Recommendations		
	Repair damaged steps. Continue to monitor		


SBC Reference:	53-22B-05		
NFCDD reference:	1221D901D1301C27		
	Asset Location:	TA04508772, TA04428822. North of The Spa.	
	Asset Length:	158.1	
	Condition Assessment		
	Condition	Priority	Risk
	B	2	
	Brief Description		
	Toe piling corroding. Multiple repairs, some not holding well. Section of crest wall has been rebuilt after Dec 13 storm, but still poor elsewhere. Horizontal cracks in the upper section of the walls more apparent (3 blocks from top). Many cracks, open joints and displaced blocks in main wall. Recent joint repair carried out		
	Recommendations		
	Repair cracks and joints		


SBC Reference:	53-22B-06		
NFCDD reference:	1221D901D1301C28		
	Asset Location:	TA04508772, TA04428822 Opposite The Spa	
	Asset Length:	76.4	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Open joints and cracked blocks throughout, cracking to splash beam especially in south. Erosion / scour at toe along southern section of wall.		
	Recommendations		
	Monitor and patch up		


SBC Reference:	53-22B-07		
NFCDD reference:	1221D901D1301C29		
	Asset Location:	TA04508772, TA04428822. South of The Spa.	
	Asset Length:	57.4	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Beach high at time of inspection. Open joints in main wall. Major spalling and loss of concrete to lower splash beam below infilled openings. Promenade in good condition.		
	Recommendations		
Continue repair joints and monitor erosion			


SBC Reference:	53-22B-08		
NFCDD reference:	1221D901D1302C01001		
	Asset Location:		
	Asset Length:	~4	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Side wall capping cracked but steps in fair condition		
	Recommendations		
Continue to monitor			


SBC Reference:	54-22B-01		
NFCDD reference:	1221D901D1302C01		
	Asset Location:	TA04538765, TA04508772. Next to cliff railway.	
	Asset Length:	77.5	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Capping beam repair and repointing carried out recently. Lower wall between the 2 set of stairs has been refaced. Steps to beach weathered and cracked. Abutment walls cracking and spalling. Tread missing at Northern end. Cracking and corrosion /rust staining to beams supporting upper prom near stairs. Major weathering loss of stone blocks in rear splash wall.		
	Recommendations		
Continue to monitor			


SBC Reference:	54-22B-02		
NFCDD reference:	1221D901D1302C01002		
	Asset Location:		
	Asset Length:	~4	
	Condition Assessment		
	Condition	Priority	Risk
	C	2	
	Brief Description		
	Steps worn out. Cracks visible across a number of steps. Some have already been repaired.		
	Recommendations		
Repair steps. Continue to monitor			


SBC Reference:	54-22B-03		
NFCDD reference:	1221D901D1302C03		
	Asset Location:	TA04628752, TA04538765. South of cliff railway.	
	Asset Length:	19.2	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Major repairs evident with blocks replaced and joints filled. However, in other areas still joint mortar loss evident in places. Cracks, and open joints in stairs. Repair work to prom visible and crack across full width.		
	Recommendations		
Replace damaged and missing joints. Repair Cracks			


SBC Reference:	56-22B-04		
NFCDD reference:	1221D901D1302C02001		
	Asset Location:		
	Asset Length:	~10	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Fair overall condition. Uneven cobbles which need repointing in places.		
	Recommendations		
Repoint joints. Continue to monitor			


SBC Reference:	55-22B-01		
NFCDD reference:	1221D901D1302C02		
	Asset Location:	TA04628752, TA04538765. In front of Beach Chalets.	
	Asset Length:	231.8	
	Condition Assessment		
	Condition	Priority	Risk
	C	2	
	Brief Description		
	Repairs evident. Several sections rebuilt facing and prom slabs have been replaced. However, large areas of missing joints in prom slabs, particularly at north end. Scour of the toe with deep holes over a 20m section. Repair of concrete prom were being carried out during the inspection.		
	Recommendations		
Continue with any outstanding repair work			


SBC Reference:	56-22B-02		
NFCDD reference:	1221D901D1302C02002		
	Asset Location:		
	Asset Length:	~4	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Cracks between the capping beam and the steps. Some steps have been recently been refurbished. Fixings to handrail corroded. Overall fair condition.		
	Recommendations		
Treat handrail fixings. Continue to monitor.			


SBC Reference:	56-22B-03		
NFCDD reference:	1221D901D1302C02003		
	Asset Location:	Wall south of steps	
	Asset Length:	231.8 (with 55-22b-01)	
	Condition Assessment		
	Condition	Priority	Risk
	C	2	
	Brief Description		
	Repairs evident. Several sections rebuilt facing and prom slabs have been replaced. However, large areas of missing joints in prom slabs, particularly at north end. Scour of the toe with deep holes over a 20m section. Repair of concrete prom were being carried out during the inspection.		
	Recommendations		
Continue with any outstanding repair work			


SBC Reference:	56-22B-04		
NFCDD reference:	1221D901D1302C02 004		
	Asset Location:		
	Asset Length:	~5	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Top section behind defence wall has been re-built although cracks have started to appear. Slipway leading to beach - large cracks with damaged side walls (especially the concrete bagwork and mass concrete screed)		
	Recommendations		
Repair cracks and screed.			

SBC Reference:	56-22B-05		
NFCDD reference:	1221D901D1303C02		
	Asset Location:	TA04828723, TA04668746.Wall at Dickinsons Point.	
	Asset Length:	308.2	
	Condition Assessment		
	Condition	Priority	Risk
	B	2	
	Brief Description		
	Deep voids/ missing joints in blockwork in lower wall need further attention. Loss of facing to second wall, cracks/spalling to splash beam. Abrasion / spalling throughout. Many open joints between concrete slabs in lower prom. Cracks on top deck repaired with flexible asphalt filler.		
	Recommendations		
Repair voids in joints in lower wall and open joints in lower prom. Continue to monitor			

SBC Reference:	56-22B-06		
NFCDD reference:	1221D901D1303C02001		
	Asset Location:		
	Asset Length:	~12	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Groyne in fair condition with visible repairs works Ramp - Visible resin repair to side wall Concrete slab revetment repaired with flexible asphalt filler but repairs have failed and need redoing		
	Recommendations		
Replace asphalt filler			


SBC Reference:	56-22B-07		
NFCDD reference:	1221D901D1304C02		
	Asset Location:	TA04868713, TA04828723. East of Holbeck Gardens.	
	Asset Length:	112.5	
	Condition Assessment		
	Condition	Priority	Risk
	C	3	
	Brief Description		
	Cracks to bastion throughout. Missing pointing / open joints and damaged parts of upper and lower capping beam. Unable to inspect lower wall due to high beach level. Corroded handrail with missing sections. Upper prom has been fenced off.		
	Recommendations		
Repair facing and copings. Replace broken handrails			


SBC Reference:	56-22B-08		
NFCDD reference:	1221D901D1304C01		
	Asset Location:	TA05038695, TA04868713. Land slip.	
	Asset Length:	294.7	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	>5
	Brief Description		
	Rock armour tightly packed, good cover and looks in good condition. Toe in good condition, rock socketed into wave cut platform of soft rock. Exposed woven geotextile with localised ground settlement behind the rock revetment		
	Recommendations		
Continue to monitor, monitor stability of cliffs			


SBC Reference:	56-22B-09		
NFCDD reference:	1221D901D1304C01001		
	Asset Location:	Part of 56-22b-08	
	Asset Length:	~10	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	>5
	Brief Description		
	Southern ramp has vertical drop to rocks and crack in bottom slab		
	Recommendations		
Repair cracks. Continue to monitor			


Cayton Bay

Asset locations detailed on drawing 457730-08

SBC Reference:	58-24B-01		
NFCDD reference:	1221D901D1402C02		
	Asset Location:	TA06618455, TA06648454	
	Asset Length:	34	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	>5
	Brief Description		
	North of old PS. Poured concrete and concrete blockwork toe below a stepped seawall with curved coping stone. More recent construction than adjacent walls. Cliff cutting back adjacent to North. Wall generally fair, but toe undercut at South.		
	Recommendations		
Repair to voids. Monitor for outflanking			


SBC Reference:	59-24B-01		
NFCDD reference:	1221D901D1402C05		
	Asset Location:	TA06698449, TA06658454	
	Asset Length:	67.3	
	Condition Assessment		
	Condition	Priority	Risk
	C	3	3
	Brief Description		
	Private wall to old PS. Lower apron has multiple patch repairs with poured concrete, but has cracks. Recent pointing to main wall joints. Higher wall slightly better than lower. Beach high, but toe may be undercut. Slip failure behind higher wall with access steps consolidated with trench sheets. Large voids in the lower wall at beach level		
	Recommendations		
Private maintenance			


SBC Reference:	60-24B-01		
NFCDD reference:	1221D901D1402C04		
	Asset Location:	TA06698449, TA06758445	
	Asset Length:	32.6	
	Condition Assessment		
	Condition	Priority	Risk
	C	3	
	Brief Description		
	Southern section of apron is missing, lower sea wall has been undercut and failed. Blockwork missing and displaced. Some repairs to deck with concrete. Upper wall missing southern section. Toe undermined. Crest breaking up.		
	Recommendations		
Repair or remove/make safe			


SBC Reference:	60-24B-01		
NFCDD reference:	1221D901D1402C06		
	Asset Location:	Nr Pumping Station in Cayton Bay.	
	Asset Length:	19.9	
	Condition Assessment		
	Condition	Priority	Risk
	C	3	
	Brief Description		
	Mass concrete wall has failed and is breaking up. More patch repair work has been done to make safer for pedestrians. Large voids beneath. Needs removing and replacing with safer beach pedestrian access.		
	Recommendations		
Demolish and remove and construct safer beach access ramp			


Filey


Asset locations detailed on drawing 457730-08


SBC Reference:	N/A		
NFCDD reference:	1221D901D1601C01		
	Asset Location:	TA12248126, TA12278130	
	Asset Length:	18.3	
	Condition Assessment		
	Condition	Priority	Risk
	D	4	
	Brief Description		
	Rock armour scattered and totally ineffective. Timber breastwork no longer evident. Coastal slope appears to be actively eroding. Rock armour originally placed in failed breastwork.		
	Recommendations		
Consider reprofiling rock to slow erosion at boat club			


SBC Reference:	64-28A-02		
NFCDD reference:	1221D901D1601C03		
	Asset Location:	TA12228121, TA12248126	
	Asset Length:	55.8	
	Condition Assessment		
	Condition	Priority	Risk
	D	1	
	Brief Description		
	Sheet piling heavily corroded with very large holes within sheet piles & large voids under prom in front of club and P/S. Piles adjacent to slip and at North end appear new, but are corroding.		
	Recommendations		
Replace central section of sheet piling			


SBC Reference:	64-28A-01		
NFCDD reference:	1221D901D1601C03001		
	Asset Location:	TA12228121, TA12248126	
	Asset Length:	~15	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Good condition at the lower end but cracks in the middle part with patch repairs carried out. Upper section in fair condition. Noticeable movement of the earth slope which is encroaching on the slipway and slowly narrowing the access		
	Recommendations		
Reprofile bank at edge of slipway to maintain access and secure cliff erosion			


SBC Reference:	N/A		
NFCDD reference:	1221D901D1602C09002		
	Asset Location:	TA12118095, TA12128100	
	Asset Length:	~10	
	Condition Assessment		
	Condition	Priority	Risk
	C	2	
	Brief Description		
	Wing wall badly eroded at base. Capping failed with large section missing. Ramp revetment is a mixture of concrete repairs with large cracks and voids. Poor state overall		
	Recommendations		
Repair deck of slipway. Rebuild wingwall. Continue to monitor			


SBC Reference:	N/A		
NFCDD reference:	1221D901D1602C09		
	Asset Location:	North of promenade, Filey.	
	Asset Length:	38.8	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Crest section repaired since 2012, looks to be holding well. Some horizontal cracks and open joints. Degradation of front faces of blocks and capping. including steps on upper side of the slipway Steps chipped with one vertical crack but fair condition overall		
	Recommendations		
Monitor and repair damage as necessary			


SBC Reference:	N/A		
NFCDD reference:	1221D901D1602C09001		
	Asset Location:	North of promenade, Filey.	
	Asset Length:	10	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	>5
	Brief Description		
	Slipway in good condition		
	Recommendations		
Continue to monitor			


SBC Reference:	N/A		
NFCDD reference:	1221D901D1602C01		
	Asset Location:	TA12118095, TA12128100	
	Asset Length:	49.6	
	Condition Assessment		
	Condition	Priority	Risk
	B	2	
	Brief Description		
	Mass concrete wall abraded with exposed aggregates. Construction joints chipped with missing sealant. Top handrail corroding		
	Recommendations		
Repair damaged wall. Treat handrailing			


SBC Reference:	67-28B-01		
NFCDD reference:	1221D901D1602C06		
	Asset Location:	North of promenade	
	Asset Length:	109.8	
	Condition Assessment		
	Condition	Priority	Risk
	B	2	
	Brief Description		
	Missing pointing between blocks on wall. Damage to front face of several blocks. Repairs have been undertaken to one area. Cracks to wing wall of Southern slipway (67-28B-02). Large crack throughout the wing wall (7m from the extremity of the wall) indicating GEO and STR failure.		
	Recommendations		
Repointing. Seal cracks below coping. Monitor large crack for movement			


SBC Reference:	67-28B-02		
NFCDD reference:	1221D901D1602C08001		
	Asset Location:		
	Asset Length:	~6	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Mixed construction. Joints missing between paving blocks Cracks on concrete revetment. Patch repair (i.e. mass concrete infill) evident on the bottom part		
	Recommendations		
Replace missing joints. Repair cracks. Continue to monitor			


SBC Reference:	67-28B-03		
NFCDD reference:	1221D901D1602C08		
	Asset Location:	TA11978020, TA12068082	
	Asset Length:	301.6	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Abrasion to front face, particularly just above beach level. Many bullnose splash blocks have been repaired, but others are cracked and require attention. Missing joints in slipway ramp at South. Handrails corroded.		
	Recommendations		
Replace/repair cracked coping and repair damaged blocks. Replace handrails			

SBC Reference:	67-28B-04		
NFCDD reference:	1221D901D1602C03002		
	Asset Location:		
	Asset Length:	12	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Missing joints in slipway ramp at South .Handrails corroded. Missing joints in places particularly at the lower end, one block missing. Flexible asphalt repair to joints Missing brickwork and mortar joints on abutment walls		
	Recommendations		
Replace block and missing joints. Treat handrail or replace			


SBC Reference:	67-28B-04		
NFCDD reference:	1221D901D1602C03003		
	Asset Location:		
	Asset Length:	6	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Bridge in excellent condition - recently refurbished Crack on abutment wall repaired but requires further refurbishment.		
	Recommendations		
Repair cracks in abutment wall			


SBC Reference:	67-28B-05		
NFCDD reference:	1221D901D1602C03		
	Asset Location:	TA11978020, TA12068082	
	Asset Length:	318.8	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Chipped / abraded areas of blocks. Loss of face to many blocks throughout, particularly at lower levels at South end. Several new / repaired coping blocks. South slip has missing pointing in some joints and veg growing. Hand rails corroding at many joints, one broken. Cracked splash beam and missing joints in several places		
	Recommendations		
Monitor abrasion and reface in blocks. Repair/replace handrails. Repair missing joints			


SBC Reference:	N/A		
NFCDD reference:	1221D901D1602C03 001		
	Asset Location:		
	Asset Length:	5	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Corroded handrail and cracking joints below treads on side wall		
	Recommendations		
Repair joints. Treat handrails. Continue to monitor			


SBC Reference:	67-28B-06		
NFCDD reference:	1221D901D1602C04 002		
	Asset Location:	TA11968012, TA11978020	
	Asset Length:	20	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Scour hole near the toe stabilized with mass concrete infill but still depressed. Missing joints throughout between stone block paving.		
	Recommendations		
Replace missing joints. Continue to monitor			


SBC Reference:	67-28B-07		
NFCDD reference:	1221D901D1602C04		
	Asset Location:	TA11968012, TA11978020	
	Asset Length:	91.8	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Evidence of repair to cracks/joints with mastic. Faces of some blocks missing, but overall fair. Missing joints between a few blocks. Prom fair. Crack on bullnose.		
	Recommendations		
Seal cracks. Repair missing block faces			


SBC Reference:	67-28B-08		
NFCDD reference:	1221D901D1602C04 001		
	Asset Location:		
	Asset Length:	~6	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Abrasion / chipping to steps.		
	Recommendations		
Continue to monitor			

SBC Reference:	67-28B-09		
NFCDD reference:	1221D901D1602C07		
	Asset Location:		
	Asset Length:	98	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Cracking to splash beam in a few places, other areas have been repaired. Numerous chipped / damaged blocks, but overall fair. Cracks and open joints in blockwork of Southern steps buttress. Promenade fair to good.		
	Recommendations		
Repair cracks and chipped blocks. Fill joints. Continue to monitor			

SBC Reference:	67-28B-10		
NFCDD reference:	1221D901D1602C05 001		
	Asset Location:		
	Asset Length:	10	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Spalling, abrasion to concrete blocks on seaward side with missing joints in places. Steps in fair condition		
	Recommendations		
Replace missing joints. Continue to monitor			

SBC Reference:	67-28B-11		
NFCDD reference:	1221D901D1602C05		
	Asset Location:	TA11957997, TA11968012	
	Asset Length:	103.9	
	Condition Assessment		
	Condition	Priority	Risk
	B	3	
	Brief Description		
	Some damage to seaward edge of prom. Repairs to splash beam by outfall holding. Numerous lower blocks from beach level to 2m damaged on front face. Beach higher than in 2012. Horizontal crack on seaward section as 2012. Cracks in retaining wall to slipway		
	Recommendations		
Monitor damage to blocks and repair where necessary. Patch repair prom surfacing. Treat/replace handrailing			

SBC Reference:	67-28B-12		
NFCDD reference:	1221D901D1602C02 001		
	Asset Location:	TA12248126, TA12278130	
	Asset Length:	15	
	Condition Assessment		
	Condition	Priority	Risk
	B	4	>5
	Brief Description		
	Spalling to concrete near base. Crack on side wall at mid-section. Fair condition overall. Handrail need repainting.		
	Recommendations		
Repair spalling and crack. Repaint handrails			

SBC Reference:	67-28B-13		
NFCDD reference:	1221D901D1602C02		
	Asset Location:	TA12068082, TA12118035	
	Asset Length:	18.3	
	Condition Assessment		
	Condition	Priority	Risk
	C	2	
	Brief Description		
	Gabions covered in small rock armour which has been improved since 2012. Slumping cliffs behind may be pushing rock over. Needs additional rock and re profiling to stable slope.		
	Gabions covered in concrete with eroding cliff behind		
	Recommendations		
	Re-profile and top up rock armour		

Appendix B - Grand Summary

Staithe

SBC Reference	NFCDD Ref	Condition/Priority	Risk
N/A	1221D901D0402C01	C 2	
N/A	1221D901D0402C02	B 3	
N/A	1221D901D0402C03	B 3	
N/A	1221D901D0402C06	C 3	
N/A	1221D901D0402C04	B 3	
02-04-01	1221D901D0402C22	B 3	
03-04-01	1221D901D0402C05	B 3	
N/A	1221D901D0403C07	B 3	
04-04-01	1221D901D0403C01	B 3	
N/A	1221D901D0403C02	B 3	
N/A	1221D901D0403C04	B 3	
N/A	1221D901D0403C03	B 3	
N/A	1221D901D0403C05	B 4	

Runswick Bay

SBC Reference	NFCDD Ref	Condition/Priority	Risk
07-07A-01	1221D901D0601C01	B 3	
07-07A-03	1221D901D0601C06	B 3	
08-07A-01	1221D901D0601C03	B 3	
08-07A-02	1221D901D0601C03 001	B 3	
08-07A-03	1221D901D0601C03 002	C 2	
08-07A-04	1221D901D0601C02	C 2	
09-07A-01	1221D901D0601C04	B 3	
10-07B-02	1221D901D0602C01 002	B 2	
N/A	1221D901D0602C05	C 2	
07-07A-02	1221D901D0601C01001	B 4	
08-07A-05	1221D901D0601C07 001	B 4	
08-07A-06	1221D901D0601C07	B 4	
09-07A-02	1221D901D0601C04001	B 4	
10-07A-01	1221D901D0602C01	B 4	
10-07B-01	1221D901D0602C01001	B 4	

Sandsend

SBC Reference	NFCDD Ref	Condition/Priority	Risk
17-10-02	1221D901D0702C02010	C 1	
13-09A-01	1221D901D0701C02001	C 3	
13-09A-02	1221D901D0701C02	B 3	
13-09A-03	1221D901D0701C02002	B 3	
14-09B-01	1221D901D0702C01	C 2	
14-09B-02	1221D901D0702C01001	B 3	
14-09B-03	1221D901D0702C01002	C 2	
14-09B-04	1221D901D0702C01003	B 3	
14-09B-05	1221D901D0702C01004	C 2	
14-09B-06	1221D901D0702C01005	B 3	
14-09B-07	1221D901D0702C01006	C 2	
15-09B-01	1221D901D0702C04	B 3	
15-09B-02	1221D901D0702C03	B 3	
15-09B-03	1221D901D0702C03001	B 3	
15-09B-04	1221D901D0702C03002	B 3	
15-09B-05	1221D901D0702C03003	B 3	
16-09C-02	1221D901D0702C02003	B 3	
16-09C-03	1221D901D0702C02004	B 2	
16-09C-04	1221D901D0702C02005	C 2	
16-09C-05	1221D901D0702C02006	B 3	
17-09C-01	1221D901D0702C02007	C 2	
17-09C-02	1221D901D0702C02008	C 2	
17-10-01	1221D901D0702C02009	C 2	
15-09B-06	1221D901D0702C02	B4	
15-09B-07	1221D901D0702C02001	B4	
16-09C-01	1221D901D0702C02002	B4	

Whitby

SBC Reference	NFCDD Ref	Condition/Priority	Risk
N/A	1221D901D0803C05	C1	
18-11A-02	1221D901D0801C01	B 3	
18-11A-03	1221D901D0801C01 002	C 3	
18-11A-04	1221D901D0801C01 003	B 3	
19-11A-01	1221D901D0802C01	C 3	
70-11A-01	1221D901D0802C02	B 3	
70-11A-02	1221D901D0802C02 001	B 3	
70-11A-03	1221D901D0802C02 002	B 3	
70-11A-04	1221D901D0802C02 003	C 3	
71-11A-01	1221D901D0802C03	C 2	
71-11A-02	1221D901D0802C13 001	B 3	
71-11A-03	1221D901D0802C13	C 2	
71-11A-04	1221D901D0802C13 002	C 2	
71-11A-05	1221D901D0802C14	C 2	
20-11A-01	1221D901D0802C04001	C 3	
20-11A-02	1221D901D0802C04	C 3	
21-11A-01	1221D901D0802C07	C 3	
21-11A-02	1221D901D0802C07 001	C 3	
22-11A-01	1221D901D0802C06	C 3	
22-11A-02	1221D901D0802C06 001	C 3	
22-11A-03	1221D901D0802C15	C 3	
N/A	1221D901D0802C05	C 3	
24-11B-01	1221D901D0802C09	B 3	
25-11B-01	1221D901D0802C10	B 3	
25-11B-02	1221D901D0802C12 002	B 3	
25-11B-03	1221D901D0802C12 003	B 3	
26-11B-01	1221D901D0802C12	B 2	
26-11B-02	1221D901D0802C12 001	B 3	
27-11B-01	1221D901D0803C02	B 3	
N/A	1221D901D0803C01	B 3	
N/A	1221D901D0803C07	C 3	
N/A	1221D901D0803C10	B 3	
N/A	1221D901D0803C08	B 3	
N/A	1221D901D0803C09	C 3	
N/A	1221D901D0803C03	B 3	
N/A	1221D901D0803C04	C 3	
18-11A-01	1221D901D0801C01 001	B 4	
N/A	1221D901D0803C06	B 4	

Robin Hood's Bay

SBC Reference	NFCDD Ref	Condition/Priority	Risk
33-16A-02	1221D901D1003C02	C 2	
34-16A-01	1221D901D1003C04	C 3	
35-16B-01	1221D901D1003C05	B 3	
36-16B-01	1221D901D1003C06	C 2	
36-16B-02	1221D901D1003C10	C 3	
37-16C-03	1221D901D1003C07	B 3	
32-16A-01	1221D901D1002C02	B 4	
32-16A-02	1221D901D1003C01 001	B 4	
33-16A-01	1221D901D1003C01	B 4	
36-16B-03	1221D901D1003C09 001	B 4	
37-16C-01	1221D901D1003C09	B 4	
37-16C-02	1221D901D1003C07 001	B 4	

Scarborough North Bay

SBC Reference	NFCDD Ref	Condition/Priority	Risk
40-20A-01	1221D901D1201C02004	D 1	
39-20A-02	1221D901D1201C02	B 3	
39-20A-03	1221D901D1201C02002	B 3	
39-20A-04	1221D901D1201C02003	B 3	
40-20A-02	1221D901D1201C03	C 3	
40-20A-03	1221D901D1201C03001	B 3	
40-20A-04	1221D901D1201C24	C 3	
40-20A-06	1221D901D1201C25	C 3	
41-20A-01	1221D901D1201C04001	B 3	
41-20A-02	1221D901D1201C04	B 3	
41-20A-03	1221D901D1201C10001	B 3	
41-20A-04	1221D901D1201C10	B 3	
43-20B-01	1221D901D1201C06	B 3	
43-20B-03	1221D901D1201C19	B 3	
43-20B-04	1221D901D1201C20001	B 3	
44-20B-01	1221D901D1201C20	B 3	
44-20B-02	1221D901D1201C07	B 3	
44-20B-03	1221D901D1201C07001	C 3	
44-20B-04	1221D901D1201C07002	B 3	
44-20B-05	1221D901D1201C21	C 3	
45-20B-01	1221D901D1201C08001	C 2	
45-20B-02	1221D901D1201C08	B 3	
39-20A-01	1221D901D1201C02001	B 4	
40-20A-05	1221D901D1201C24001	B 4	
42-20A-02	1221D901D1201C26	B 4	
42-20A-03	1221D901D1201C26001	B 4	
42-20A-04	1221D901D1201C11	B 4	
42-20A-05	1221D901D1201C11001	B 4	
42-20A-06	1221D901D1201C12	B 4	
42-20A-07	1221D901D1201C12001	B 4	
42-20A-08	1221D901D1201C13	B 4	
42-20A-09	1221D901D1201C13001	B 4	
42-20A-10	1221D901D1201C14	B 4	
42-20A-11	1221D901D1201C14001	B 4	
42-20A-12	1221D901D1201C15	B 4	
42-20A-13	1221D901D1201C15001	B 4	
42-20A-14	1221D901D1201C16	B 4	
42-20A-15	1221D901D1201C16001	B 4	
42-20A-16	1221D901D1201C05	B 4	
42-20A-17	1221D901D1201C05001	A 4	
42-20A-18	1221D901D1201C17	B 4	
42-20A-19	1221D901D1201C17001	B 4	
42-20A-20	1221D901D1201C18	B 4	
42-20A-21	1221D901D1201C18001	B 4	
43-20B-02	1221D901D1201C06001	A 4	

Scarborough, The Holms and Castle Headland

SBC Reference	NFCDD Ref	Condition/Priority	Risk
45-20B-03	1221D901D1202C23	C 3	

46-20B-01	1221D901D1202C01	B 4	
46-20B-02	1221D901D1202C01 001	B 4	
46-20B-03	1221D901D1202C03 003	B 4	
46-20B-04	1221D901D1202C03	B 4	
46-20B-05	1221D901D1202C03 002	A 4	
46-20B-06	1221D901D1202C03 001	A 4	
46-20B-07	1221D901D1202C04	B 4	
N/A	1221D901D1202C02	B 4	

Scarborough Harbour and South Bay

SBC Reference	NFCDD Ref	Condition/Priority	Risk
N/A	1221D901D1301C16	B 3	
N/A	1221D901D1301C02	B 3	
N/A	1221D901D1301C04	B 3	
N/A	1221D901D1301C03	C 3	
N/A	1221D901D1301C17	B 3	
N/A	1221D901D1301C05	B 3	
N/A	1221D901D1301C12	C 3	
N/A	1221D901D1301C11	B 3	
N/A	1221D901D1301C06	B 2	
N/A	1221D901D1301C14	B 3	
N/A	1221D901D1301C13	B 3	
N/A	1221D901D1301C18	B 3	
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49-21B-04	1221D901D1301C07	C 2	
49-21B-03	1221D901D1301C07 001	B 3	
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49-21B-01	1221D901D1301C08	B 3	
51-22A-01	1221D901D1301C20	B 3	
51-22A-02	1221D901D1301C15	B 3	
51-22A-04	1221D901D1301C21	B 3	
51-22A-06	1221D901D1301C22	B 3	
51-22A-07	1221D901D1301C22 001	B 3	
51-22A-08	1221D901D1301C23	B 3	
51-22A-10	1221D901D1301C24	B 3	
51-22A-11	1221D901D1301C24 001	B 3	
51-22A-12	1221D901D1301C25	B 3	
52-22A-02	1221D901D1301C09	B 3	

Scarborough Harbour and South Bay (cont)

52-22A-04	1221D901D1301C10	C 2	
53-22B-01	1221D901D1301C10001	B 3	
53-22B-02	1221D901D1301C26	B 3	
53-22B-04	1221D901D1301C26001	B 3	
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53-22B-07	1221D901D1301C29	B 3	
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54-22B-02	1221D901D1302C01002	C 2	
54-22B-03	1221D901D1302C03	B 3	
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56-22B-02	1221D901D1302C02002	B 3	
56-22B-03	1221D901D1302C02003	C 2	
56-22B-04	1221D901D1302C02004	B 3	
56-22B-05	1221D901D1303C02	B 2	
56-22B-06	1221D901D1303C02001	B 3	
56-22B-07	1221D901D1304C02	C 3	
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52-22A-03	1221D901D1301C09002	B 4	
56-22B-08	1221D901D1304C01	B 4	
56-22B-09	1221D901D1304C01001	B 4	

Cayton Bay

SBC Reference	NFCDD Ref	Condition/Priority	Risk
59-24B-01	1221D901D1402C05	C 3	
60-24B-01	1221D901D1402C04	C 3	
60-24B-01	1221D901D1402C06	C 3	
58-24B-01	1221D901D1402C02	B 4	

Filey

SBC Reference	NFCDD Ref	Condition/Priority	Risk
64-28A-02	1221D901D1601C03	D 1	
64-28A-01	1221D901D1601C03001	B 3	
N/A	1221D901D1602C09002	C 2	
N/A	1221D901D1602C09	B 3	
N/A	1221D901D1602C01	B 2	
67-28B-01	1221D901D1602C06	B 2	
67-28B-02	1221D901D1602C08001	B 3	
67-28B-03	1221D901D1602C08	B 3	
67-28B-04	1221D901D1602C03002	B 3	
67-28B-04	1221D901D1602C03003	B 3	
67-28B-05	1221D901D1602C03	B 3	
N/A	1221D901D1602C03001	B 3	
67-28B-06	1221D901D1602C04002	B 3	
67-28B-07	1221D901D1602C04	B 3	
67-28B-08	1221D901D1602C04001	B 3	
67-28B-09	1221D901D1602C07	B 3	
67-28B-10	1221D901D1602C05001	B 3	
67-28B-11	1221D901D1602C05	B 3	
N/A	1221D901D1601C02	C 2	
67-28B-13	1221D901D1602C02	C 2	
N/A	1221D901D1601C01	D 4	
N/A	1221D901D1602C09001	B 4	
67-28B-12	1221D901D1602C02001	B 4	

Appendix C - Detailed Maps

Drawing Numbers:

457730-01 – Staithes

457730-02 – Runswick Bay

457730-03 – Sansend

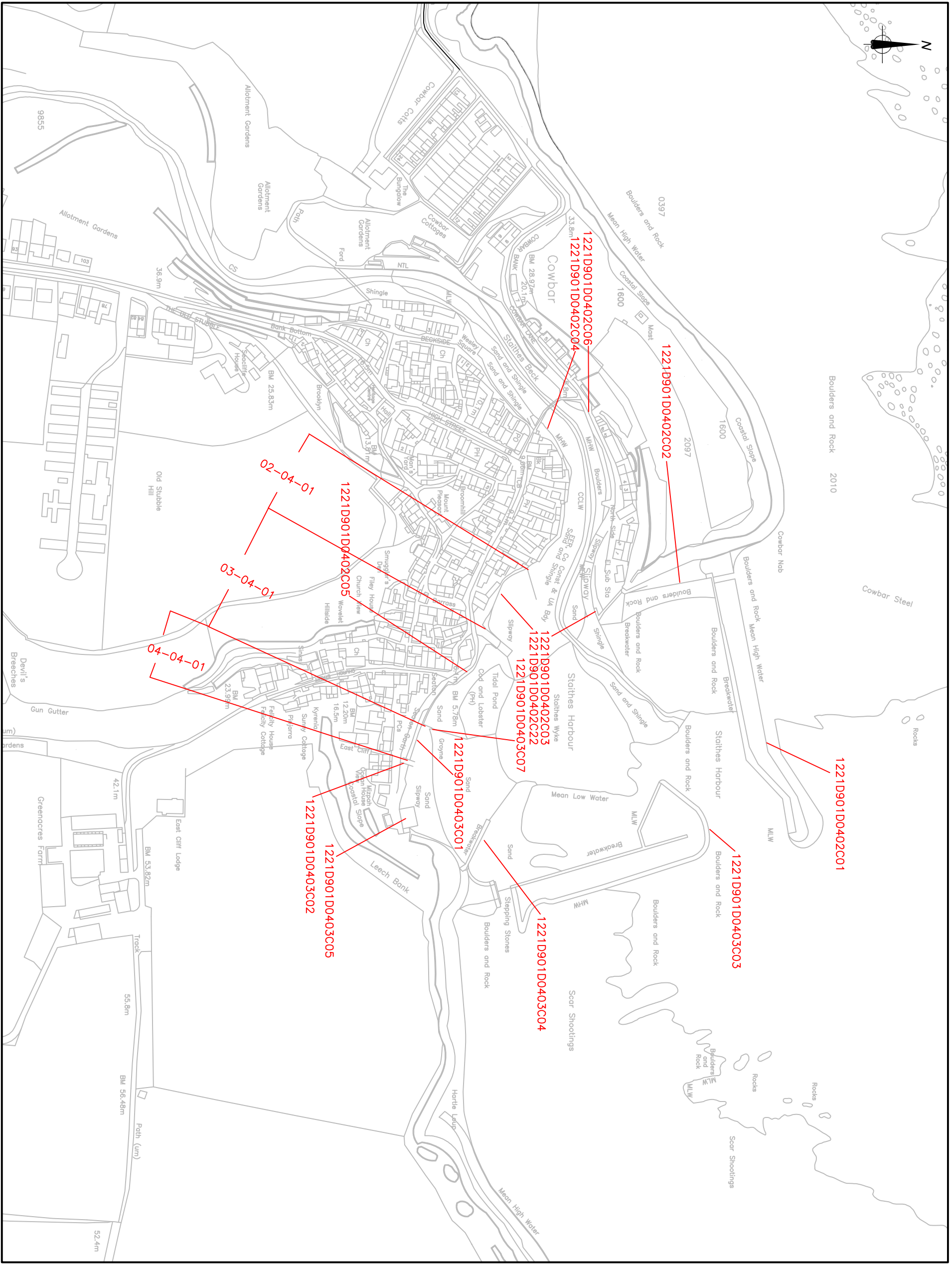
457730-04 – Whitby

457730-05 – Robin Hood's Bay

457730-06 – Scarborough North Bay and Holms and Castle Headland

457730-07 – Scarborough Harbour and South Bay

457730-08 – Cayton Bay and Filey



Key Plan:
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Notes:

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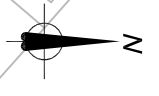
Client: SCARBOROUGH BOROUGH COUNCIL
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 TOWN HALL
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 SCARBOROUGH
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 FAX 08701 913897

Project: SCARBOROUGH BOROUGH COUNCIL
 VISUAL COASTAL ASSET INSPECTION

Drawing: STAITHE ASSETS

Drawn By: KMS
 Checked By: JCC
 Approved By: CR
 Drawing No: 457730 - 01

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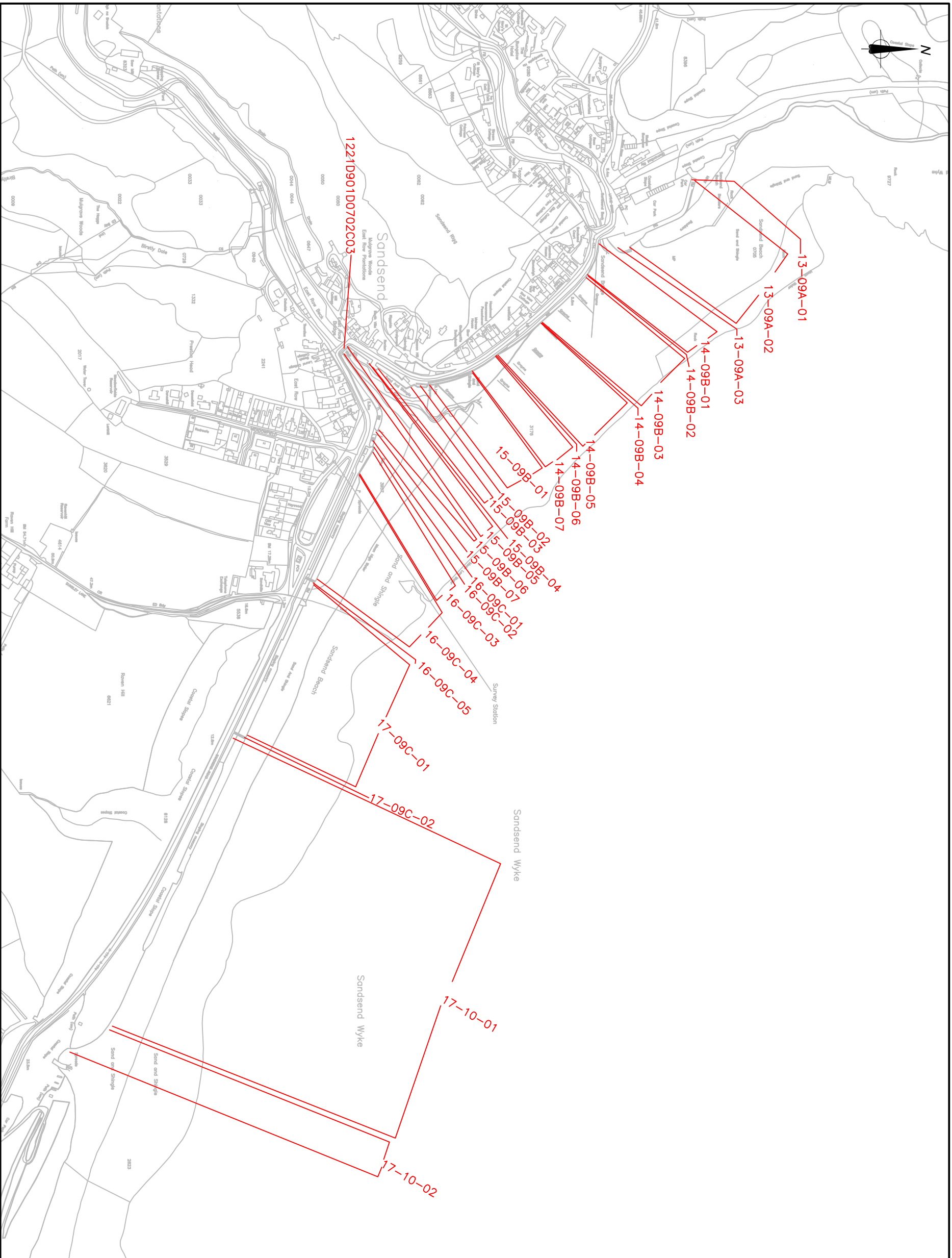
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Drawing
RUNSWICK BAY ASSETS

Drawing No.	457730 - 02	Revision	0
Drawing Date	June 2015	Drawing Date	June 2015
Checked by	CR	Checked by	CR
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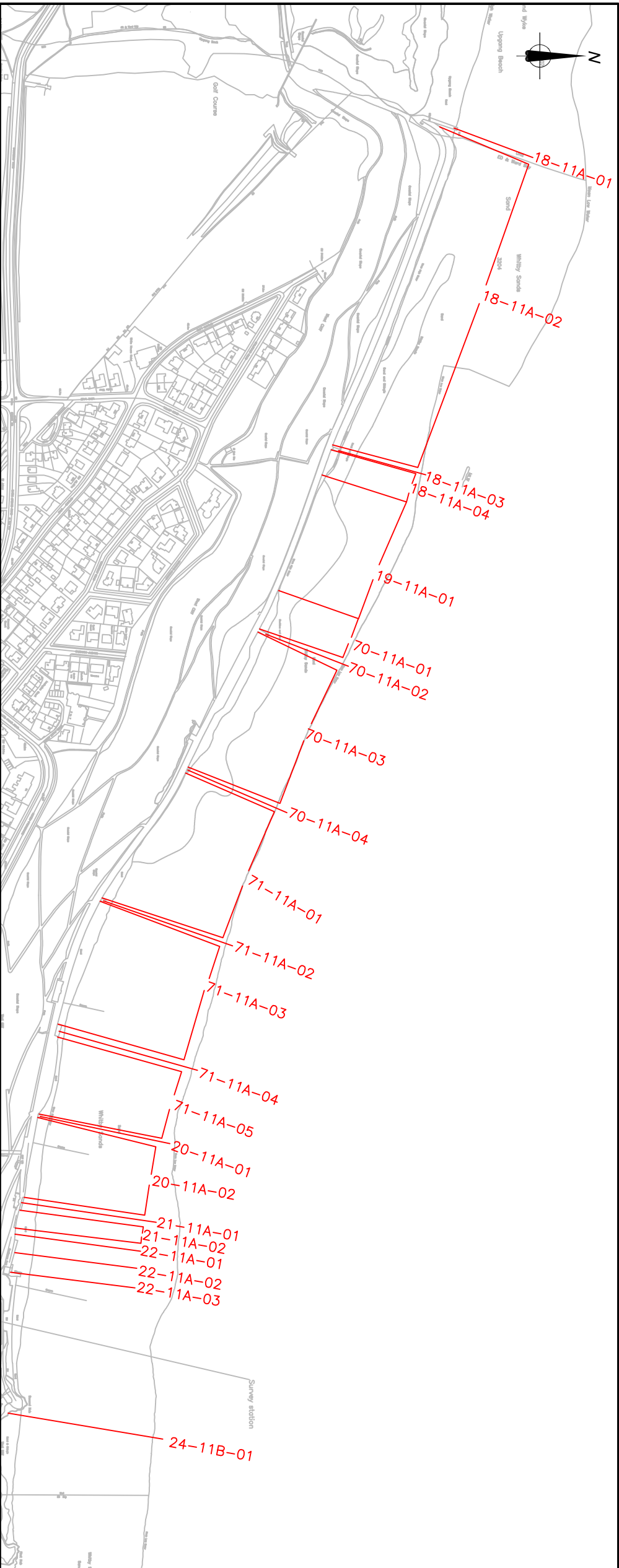
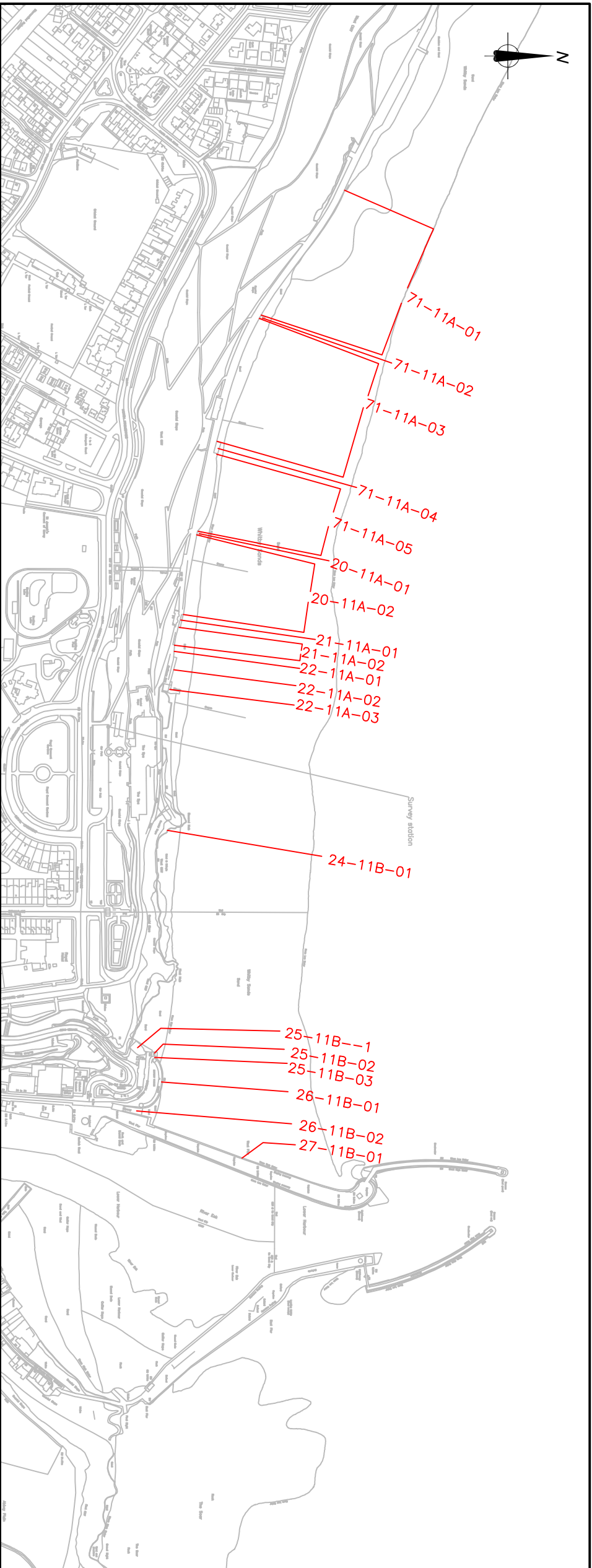
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Drawing

WHITBY ASSETS

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Checked by: LC	Date: June 2015
Approved by: CR	Date: June 2015
Drawing No:	Revision
457730 - 04	0

Drawing Scale: 1:5000 A3



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Drawing No.	Revision
457730 - 05	0

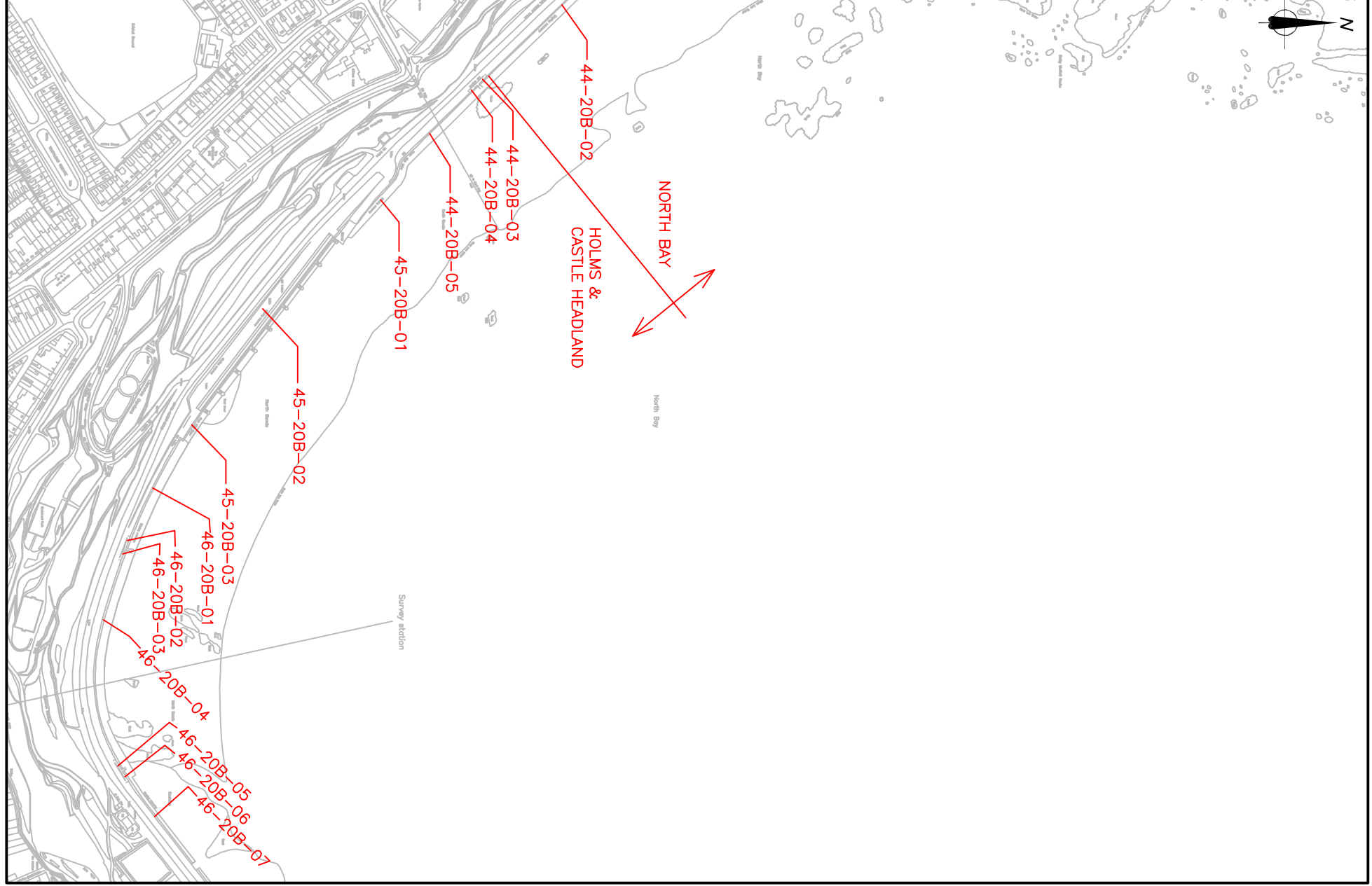
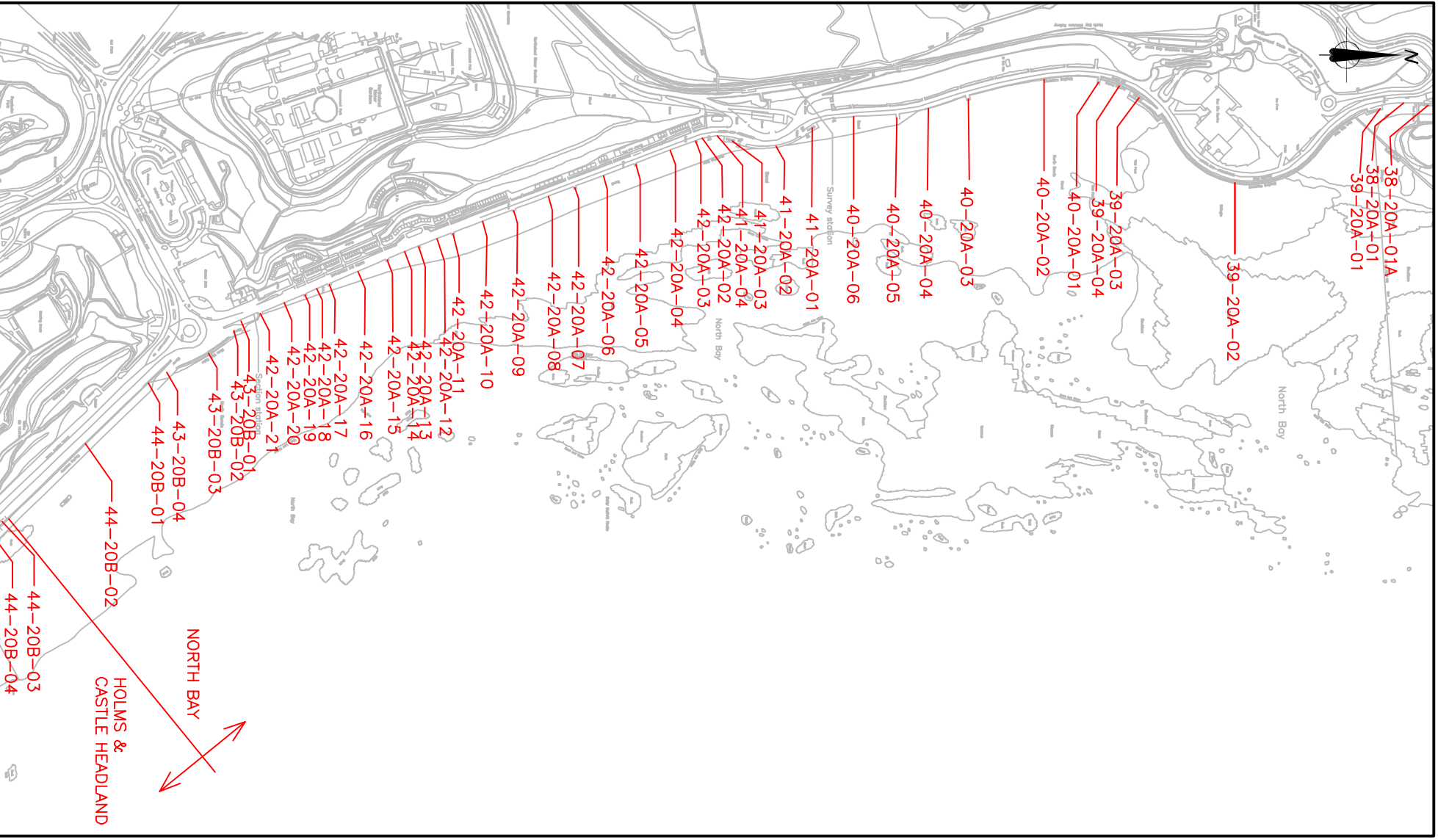
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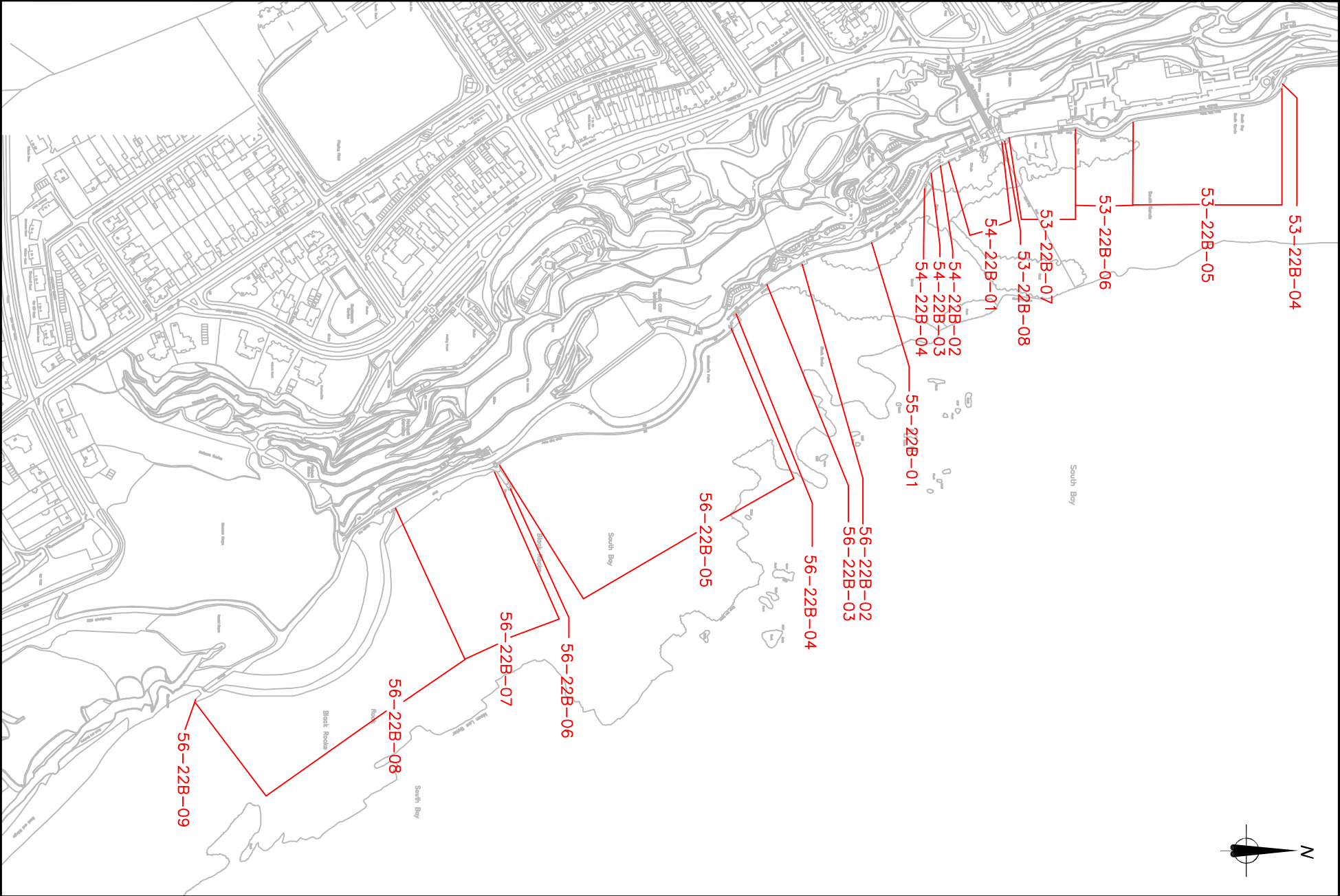
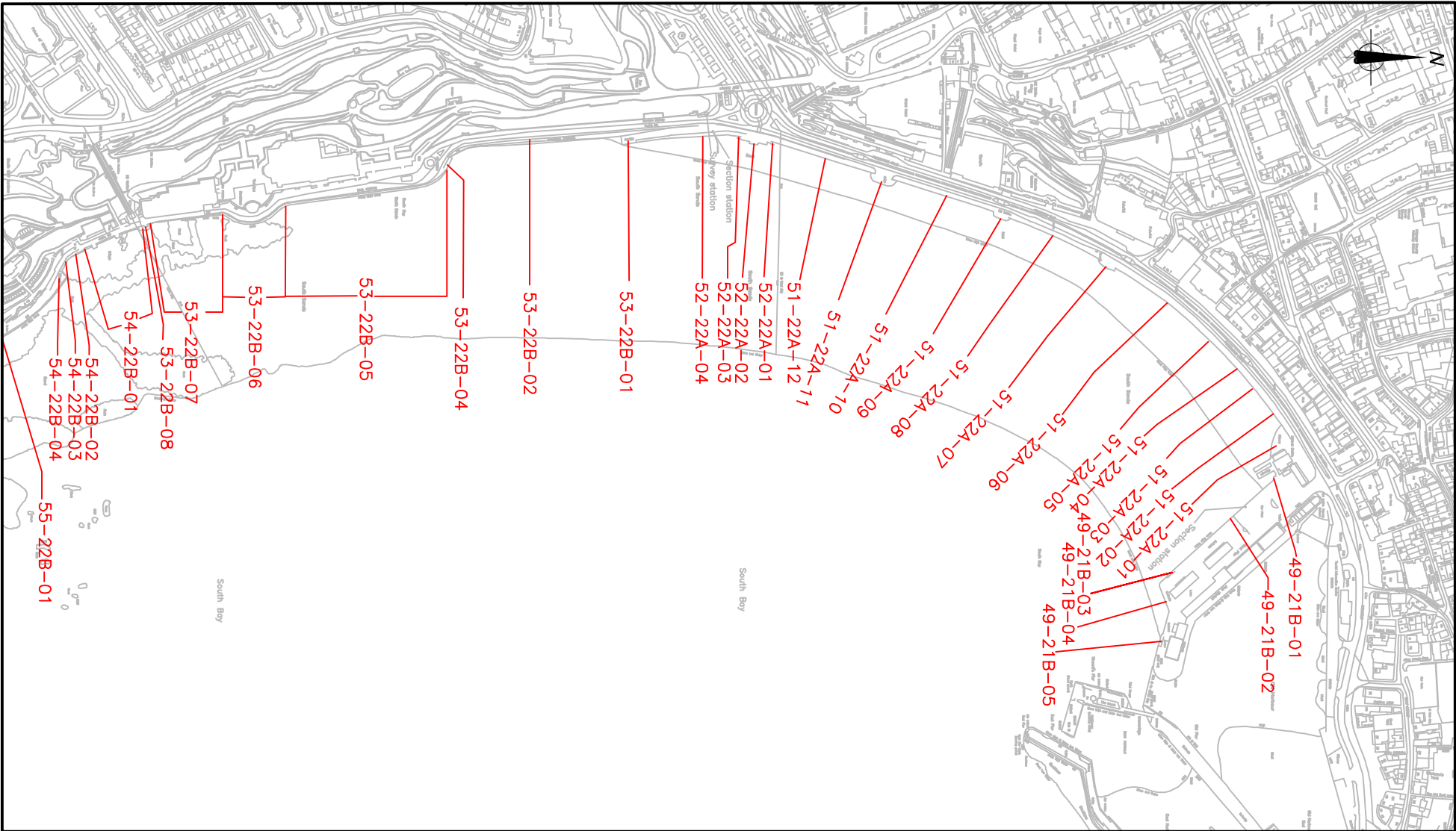
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HEADLAND ASSETS
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457730 - 06

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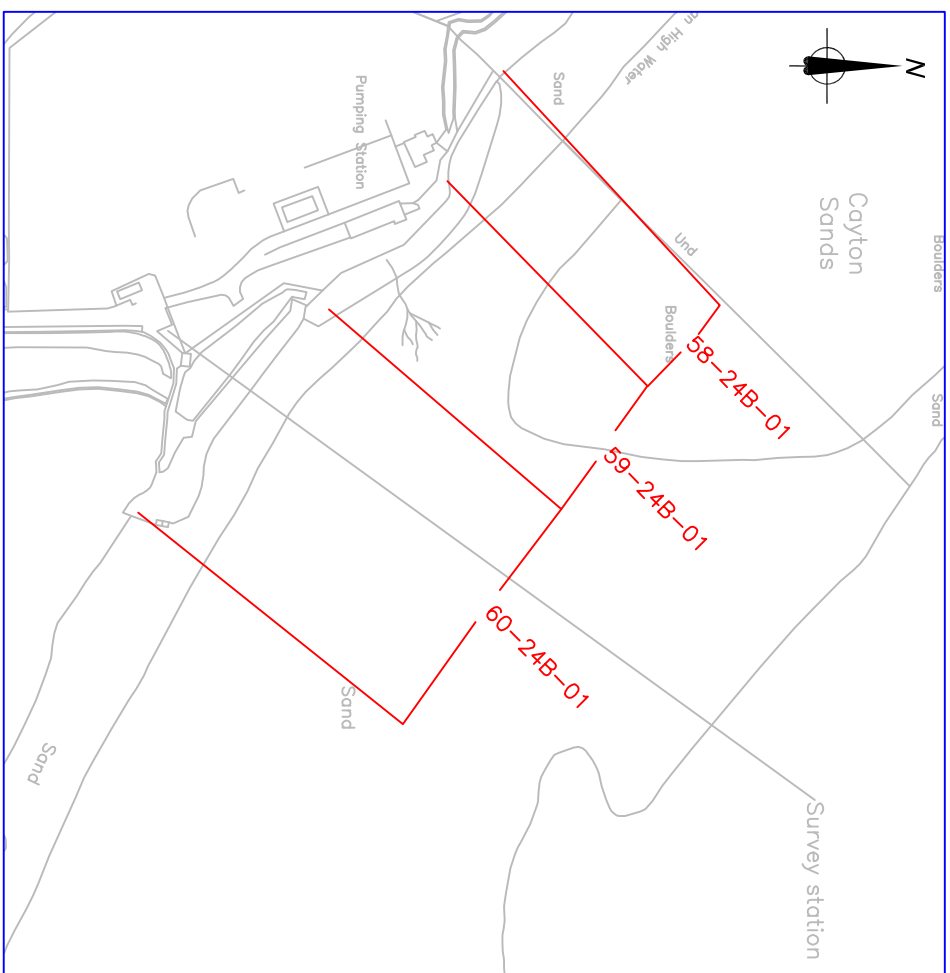
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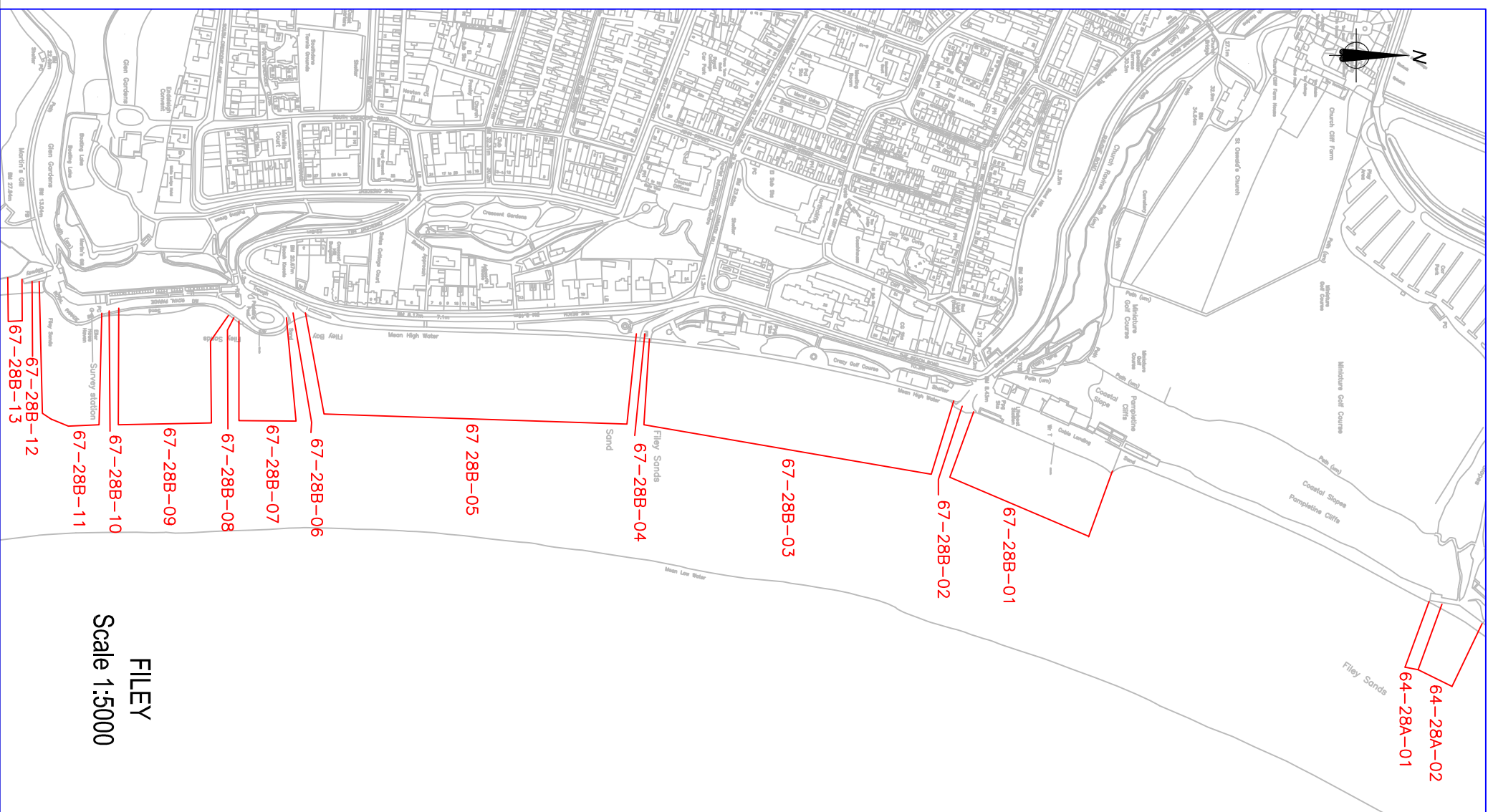
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 Checked by: LC
 Approved by: DR
 Drawing No.: 457730 - 07

Date: June 2015
 Date: June 2015
 Date: June 2015
 Revision: 0
 Drawing Scale: 1:5000 @ A3



CAYTON BAY
Scale 1:2500



FILEY
Scale 1:5000



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CAYTON BAY & FILEY
ASSETS

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Checked By: LC	Date: June 2015
Approved By: CR	Date: June 2015
Drawing No: 457730 - 08	Revision: 1

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