

## Strategic Environmental Assessment of the Orkney Local Development Plan Proposed Plan (2016)

### Appendix C.2 Assessment of the Stromness Land Allocations

#### LEGEND:

++	+	0	?	-	--
Significantly positive	Positive	Minor or neutral	Uncertain	Adverse	Significantly adverse

<b>STROMNESS</b>		<b>Source of site suggestion:</b> Brought forward from Orkney LDP 2014.		<b>Summary Description:</b> Identified as Site STR-A in the Orkney LDP 2014.		
<b>STR- 1</b>		<b>Site Size (ha):</b> 0.9	<b>Current Use:</b> Agriculture	The Hillside Road Development Brief relating to this site was prepared in 2015. Site 1 is a short term housing allocation.		
<b>Site assessment question</b>	<b>Related SEA topic</b>	<b>Comment</b> <b>Information available – GIS/site visit?</b>		<b>Scoring pre mitigation</b>	<b>Mitigation</b>	<b>Scoring post mitigation</b>
<b>Climate change</b>						
Is the proposal close to a range of facilities? Can these be accessed by public transport?	Population and Human health	Site is close to Stromness Primary School and Stromness Academy. Shops are within 15 minutes walking distance. There is a bus stop nearby for the X1 service which links Stromness with Kirkwall and St Margaret's Hope.		+	N/A	+
Is the proposal protected from prevailing winds?		Site slopes gently towards the SE. Brinkie's Brae to the SW offers a degree of shelter.		+	Policy 2 <i>Design</i> requires new development to	+

Site aspect – does the proposal make best use of solar gain?		Site has a southerly aspect and benefits from solar gain for most of the day.	+	demonstrate how it will minimise use of energy and maximise opportunities for shelter.	+
Is the proposal thought to be at risk of flooding or could its development result in additional flood risk elsewhere?	Water and Human Health	Drainage from the site enters the Hillside Burn which extends along its southern boundary, before trending southward and entering the Mill Burn.  A Development Brief, already prepared for this site promotes the retention of a buffer strip along the northern boundary of the ditch and requires discharges to combined sewers to be avoided in order to free up capacity for waste water discharges.	?	The settlement statement notes the possible requirement for a Flood Risk Assessment to be undertaken	0
Could the development of the proposal help alleviate any existing flooding problems in the area?	Water	The development brief recognises the need to avoid putting additional pressure on the wider drainage system and sets out the required SuDS assessment requirements.	0		0
<b>Biodiversity, Flora and Fauna</b>					
To what extent will the proposal affect any international or national biodiversity designation, e.g. SAC/SPA/Ramsar/SSSI?		There is no connectivity between the proposal and any of Orkney's international and national designations. Its development is therefore unlikely to have any effect on their qualifying interests or their integrity.	0	N/A	0
To what extent will the proposal affect any locally important designations such as LNRs or LNCSSs.		The proposal is remote from any of Orkney's locally important designations and its development is unlikely to have	0	N/A	0

		any effect on their integrity.			
To what extent will the proposal affect non designated features – e.g. trees, TPOs, hedges, woodland, species rich grasslands,		Proposal is unlikely to affect any non-designated features as it is currently improved grassland.	0	N/A	0
To what extent will the proposal affect Protected Species –e.g. bats, otters, etc.?		The proposal is unlikely to affect protected species.	0	N/A	0
How will habitat connectivity or wildlife corridors be affected by the proposal – will it result in habitat fragmentation or greater connectivity?		Vegetation on site is improved grassland and has limited ecological value.	0	N/A	0
<b>Water</b>					
Could the option result in a change of status of a water body or significantly affect a designated water body as identified in the Scotland River Basin Management Plan? Can the proposal connect to the public foul sewer?	Water	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria..	0	N/A	0
Could the proposal have a direct impact on the water environment (for example result in the need for watercourse crossings or allow the de-culverting of a watercourse?)	Water	The Hillside Burn which extends along the southern boundary of the site may require to be culverted to enable vehicle access.	?	Both the settlement statement and the Development Brief, already prepared for this site promotes the retention of a buffer strip along the northern boundary of the burn.	0
Does the proposal avoid impact on Groundwater Dependent Terrestrial Ecosystems (GWDTEs), i.e. are there any	Water and Biodiversity, Fauna and	No.	0	N/A	0

wetlands and boggy areas on the site?	Flora				
For large scale developments are there any private or public water supplies within 250m of the proposal which may be affected?	Water and Human Health	No.	0	N/A	0
<b>Soils</b>					
Is the proposal on greenfield or brownfield land? Does it result in the loss of high quality agricultural land?	Material Assets and Soils	Site is on greenfield land which is classed as 4 <sub>1</sub> Land capable of producing a narrow range of crops.	-	Site is within the town boundary so its development is considered a sustainable option.	0
Are there any contaminated soil issues on the proposal and if so, will the option reduce contamination?	Material Assets and Soils	No.	0	N/A	0
Is the proposal on peatland and could the development of the site lead to a loss of peat?	Climatic Factors and Soils	No.	0	N/A	0
<b>Geology</b>					
Are there any national geodiversity sites that could be affected by the proposal?		No.	0	N/A	0
Are there any local geodiversity sites or wider geodiversity interests that could be affected by the proposal?		No.	0	N/A	0
<b>Landscape</b>					
To what extent will any designated sites be affected – including NSAs and local landscape designations?	Landscape	Site is located within the Hoy and West Mainland NSA.	?		0
Does the proposal ensure that development does not exceed the capacity of the landscape	Landscape	Site 1 is located within the settlement boundary in an area described by the	?	The settlement	0

to accommodate it? Such as current settlement boundaries, existing townscape and character of surrounding area?		Stromness Urban Design Framework as a first tier area. The UDF advises that there is a need for very careful consideration of the design of new development (which affect the setting of the historic core and is highly visible in the wider context) – especially the design of new detached residential properties.		statement highlights that Stromness is within the NSA.  New development should comply with Policy 9 <i>Natural Environment and Landscape</i> .	
To what extent will the proposal affect features of landscape interest, including the distinctive character of the landscape and the qualities of wild land?	landscape	The Stromness UDF describes this area as residential but less intensively developed than the historic core.  The Orkney Landscape Character Assessment (1998) classifies this area as Coastal Granite Pastures and notes that the sound and smell of the sea and the bustle of Stromness harbour are important facets in the character of the area.	?	Policy 2 <i>Design</i> includes a set of fundamental principles with which all development should comply.  Further guidance is provided in the Development Brief.	0
<b>Cultural Heritage</b>					
Is development of the proposal likely to affect any scheduled monuments or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any locally important archaeological site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any listed buildings and/or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any Conservation Areas? (e.g. will it result in the demolition of any buildings)	Cultural heritage, & links	No.	0	N/A	0

	with landscape				
Is development of the proposal likely to affect any Inventory Garden and Designed Landscape?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect the Heart of Neolithic Orkney World Heritage Site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to result in the opportunity to enhance or improve access to the historic environment?	Cultural heritage, & links with landscape	Unlikely.	0	N/A	0
<b>Service Infrastructure</b>					
Are there educational or health facilities nearby?	Population	There is both a primary and secondary school in Stromness and the International Centre for Island Technology (a part of Heriot-Watt University) is also based in the town. Health facilities include a medical practice and a dental practice, as well as a swimming pool and fitness suite.	+	Policy 10 <i>Green Infrastructure</i> promotes improvements to public access and permeability and includes policy on open space.	+
To what extent will the proposal affect the quality and quantity of open space and connectivity and accessibility to open space, or result in a loss of open space?	Population, human health or material assets	The Development Brief provides recommendations on open space and landscaping options, including the use of native tree species.	+		+
To what extent will development of the proposal affect core path links or other key access networks such as cycle paths, coastal paths and rights of way?	Population, human health, material assets or climatic factors	Development of the site will not affect core path links or any other key access networks in the area.	0	N/A	0
Is there any opportunity to enhance the green network through for example green	Population, human health or material	The development brief advises that a buffer area adjacent to the drainage ditch	+	N/A	+

infrastructure on site?	assets	should take the form of greenspace.			
<b>Material assets</b>					
Will development of the proposal minimise demand on primary resources e.g. does it re-use an existing structure or recycle or recover existing on-site materials / resources?		New development will link into existing infrastructure and services.	0	N/A	0
Is the proposal in the vicinity of a waste management site and could its development therefore compromise the waste handling operation?	Human health	No.	0	N/A	0
<b>Deliverability/sustainability constraints</b>					
Will the proposal be delivered within the LDP timeframe? Are there any site servicing constraints, e.g. waste water treatment capacity?	Material assets	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria.	0	N/A	0
Are there any vehicular access constraints or opportunities - is the road network capable of accommodating traffic generated?	Material assets and climatic factors	A Development Brief has already been prepared for this site. All proposals should fulfil development criterion 4: Site access, streets and movement.	0	N/A	0

<b>STROMNESS</b>	<b>Source of site suggestion:</b> Brought forward from Orkney LDP 2014.		<b>Summary Description:</b> Identified as Site STR_Q in the Orkney LDP 2014.		
<b>STR- 2</b>	<b>Site Size (ha):</b> 4.9	<b>Current Use:</b> Agriculture	Site 2 is a long-term housing allocation. A development brief would be required for this allocation.		
<b>Site assessment question</b>	<b>Related SEA topic</b>	<b>Comment</b> <b>Information available – GIS/site visit?</b>	<b>Scoring pre mitigation</b>	<b>Mitigation</b>	<b>Scoring post mitigation</b>
<b>Climate change</b>					
Is the proposal close to a range of facilities? Can these be accessed by public transport?	Population and Human health	Site is close to Stromness Primary School and Stromness Academy. Shops are within 15 minutes walking distance. There is a bus stop nearby for the X1 service which links Stromness with Kirkwall and St Margaret's Hope.	+	N/A	+
Is the proposal protected from prevailing winds?		Site slopes towards the east. Brinkie's Brae to the SW provides a degree of shelter.	+	Policy 2 <i>Design</i> requires new development to demonstrate how it will minimise use of energy and maximise opportunities for shelter.	+
Site aspect – does the proposal make best use of solar gain?		The site has an E/SE aspect.	+		+
Is the proposal thought to be at risk of flooding or could its development result in additional flood risk elsewhere?	Water and Human Health	The site is not considered to be at risk of flooding and its development is unlikely to increase flood risk elsewhere.	0	N/A	0

Could the development of the proposal help alleviate any existing flooding problems in the area?	Water	Unlikely.	0	N/A	0
<b>Biodiversity, Flora and Fauna</b>					
To what extent will the proposal affect any international or national biodiversity designation, e.g. SAC/SPA/Ramsar/SSSI?		There is no connectivity between the proposal and any of Orkney's international and national designations. Its development is therefore unlikely to have any effect on their qualifying interests or their integrity.	0	N/A	0
To what extent will the proposal affect any locally important designations such as LNRs or LNCSSs.		The proposal is remote from any of Orkney's locally important designations and its development is unlikely to have any effect on their integrity.	0	N/A	0
To what extent will the proposal affect non designated features – e.g. trees, TPOs, hedges, woodland, species rich grasslands,		Proposal is unlikely to affect any non-designated features as it is currently improved grassland.	0	N/A	0
To what extent will the proposal affect Protected Species –e.g. bats, otters, etc.?		The proposal is unlikely to affect protected species.	0	N/A	0
How will habitat connectivity or wildlife corridors be affected by the proposal – will it result in habitat fragmentation or greater connectivity?		Vegetation on site is improved grassland and has limited ecological value.	0	N/A	0
<b>Water</b>					
Could the option result in a change of status of a water body or significantly affect a designated water body as identified in the Scotland River Basin Management Plan? Can the proposal connect to the public foul	Water	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development	0	N/A	0

sewer?		meets the 5 Growth Criteria..			
Could the proposal have a direct impact on the water environment (for example result in the need for watercourse crossings or allow the de-culverting of a watercourse?)	Water	Unlikely.	0	N/A	0
Does the proposal avoid impact on Groundwater Dependent Terrestrial Ecosystems (GWDTEs), i.e. are there any wetlands and boggy areas on the site?	Water and Biodiversity, Fauna and Flora	No.	0	N/A	0
For large scale developments are there any private or public water supplies within 250m of the proposal which may be affected?	Water and Human Health	No.	0	N/A	0
<b>Soils</b>					
Is the proposal on greenfield or brownfield land? Does it result in the loss of high quality agricultural land?	Material Assets and Soils	The site is on greenfield land which is classed as 4 <sub>1</sub> Land capable of producing a narrow range of crops.	-	The site is within the town boundary so its development is considered a sustainable option.	0
Are there any contaminated soil issues on the proposal and if so, will the option reduce contamination?	Material Assets and Soils	No.	0	N/A	0
Is the proposal on peatland and could the development of the site lead to a loss of peat?	Climatic Factors and Soils	No.	0	N/A	0
<b>Geology</b>					
Are there any national geodiversity sites that could be affected by the proposal?		No.	0	N/A	0

Are there any local geodiversity sites or wider geodiversity interests that could be affected by the proposal?		No.	0	N/A	0
<b>Landscape</b>					
To what extent will any designated sites be affected – including NSAs and local landscape designations?	Landscape	The site is located within the Hoy and West Mainland NSA.	?	The settlement statement highlights that Stromness is within the NSA.	0
Does the proposal ensure that development does not exceed the capacity of the landscape to accommodate it? Such as current settlement boundaries, existing townscape and character of surrounding area?	Landscape	The site is within the Stromness town boundary.	?	New development should comply with Policy 9 <i>Natural Environment and Landscape</i> .	0
To what extent will the proposal affect features of landscape interest, including the distinctive character of the landscape and the qualities of wild land?	landscape	The Orkney Landscape Character Assessment (1998) classifies this area as Coastal Granite Pastures and notes that the sound and smell of the sea and the bustle of Stromness harbour are important facets in the character of the area. Granite stone walls are also a feature of this area.	?	Policy 2 <i>Design</i> includes a set of fundamental principles with which all development should comply.  Further guidance will be provided in the Development Brief.	0
<b>Cultural Heritage</b>					
Is development of the proposal likely to affect any scheduled monuments or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any locally important archaeological site?	Cultural heritage, & links	No.	0	N/A	0

	with landscape				
Is development of the proposal likely to affect any listed buildings and/or their setting?	Cultural heritage, & links with landscape	The houses and boundary walls at 17 and 18 Hillside Road are Category C listed.	?	The site statement requires the building, its curtilage and its setting to be taken into account by any development on the site.	0
Is development of the proposal likely to affect any Conservation Areas? (e.g. will it result in the demolition of any buildings)	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any Inventory Garden and Designed Landscape?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect the Heart of Neolithic Orkney World Heritage Site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to result in the opportunity to enhance or improve access to the historic environment?	Cultural heritage, & links with landscape	Unlikely.	0	N/A	0
<b>Service Infrastructure</b>					
Are there educational or health facilities nearby?	Population	There is both a primary and secondary school in Stromness and the International Centre for Island Technology (a part of Heriot-Watt University) is also based in the town. Health facilities include a medical practice and a dental practice, as well as a swimming pool and fitness suite.	+	N/A	+

To what extent will the proposal affect the quality and quantity of open space and connectivity and accessibility to open space, or result in a loss of open space?	Population, human health or material assets	Development of the site is unlikely to impact on open space.	0	N/A	0
To what extent will development of the proposal affect core path links or other key access networks such as cycle paths, coastal paths and rights of way?	Population, human health, material assets or climatic factors	Development of this site is unlikely to affect a core path or any other key access networks.	0	Policy 10 <i>Green Infrastructure</i> promotes improvements to public access and permeability.	0
Is there any opportunity to enhance the green network through for example green infrastructure on site?	Population, human health or material assets	A green network currently extends southward from the NW corner of the site. There may be opportunities for development on the site to incorporate further green infrastructure which would link into this network.	?	Potential access links and the creation or enhancement of green infrastructure should be addressed in the Development Brief.	?
<b>Material assets</b>					
Will development of the proposal minimise demand on primary resources e.g. does it re-use an existing structure or recycle or recover existing on-site materials / resources?		New development will link into existing infrastructure and services.	0	N/A	0
Is the proposal in the vicinity of a waste management site and could its development therefore compromise the waste handling operation?	Human health	No.	0	N/A	0
<b>Deliverability/sustainability constraints</b>					
Will the proposal be delivered within the LDP timeframe? Are there any site servicing constraints, e.g. waste water treatment	Material assets	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a	0	N/A	0

capacity?		Growth Project once one development meets the 5 Growth Criteria.			
Are there any vehicular access constraints or opportunities - is the road network capable of accommodating traffic generated?	Material assets and climatic factors	Development off Wardhill Road may be restricted due to the existing road layout. The provision of a new access road off Hillside Road could facilitate development of the site.	?	The settlement statement notes the need for new access to this site.	0

<b>STROMNESS</b>		<b>Source of site suggestion:</b> Brought forward from Orkney LDP 2014.		<b>Summary Description:</b> Identified as Site STR-R in the Orkney LDP 2014.	
<b>STR-3</b>		<b>Site Size (ha):</b> 2.2	<b>Current Use:</b> Agriculture	Site 3 is identified as a short term housing allocation. A development brief would be required for this allocation.	
<b>Site assessment question</b>	<b>Related SEA topic</b>	<b>Comment</b> <b>Information available – GIS/site visit?</b>		<b>Scoring pre mitigation</b>	<b>Scoring post mitigation</b>
<b>Climate change</b>					
Is the proposal close to a range of facilities? Can these be accessed by public transport?	Population and Human health	The site is close to Stromness Primary School and Stromness Academy. Shops are within 15 minutes walking distance. There is a bus stop nearby for the X1 service which links Stromness with Kirkwall and St Margaret's Hope.		+	N/A
Is the proposal protected from prevailing winds?		Brinkie's Brae to the west provides a degree of shelter.		+	Policy 2 <i>Design</i> requires new development to demonstrate how it will minimise use of
Site aspect – does the proposal make best use of solar gain?		The site has an open aspect and benefits from the sun for most of the day.		+	+

				energy and maximise opportunities for shelter.	
Is the proposal thought to be at risk of flooding or could its development result in additional flood risk elsewhere?	Water and Human Health	Indicated in last LDP that watercourse through site may be culverted. Part of the site is at risk from fluvial flooding from the watercourse.	--	The settlement statement highlights the requirement for a Flood Risk Assessment to be undertaken to establish the potential of the Hillside Burn to flood the site and for development of the site to contribute to flood risk elsewhere.	0
Could the development of the proposal help alleviate any existing flooding problems in the area?	Water	Unlikely.	0		0
<b>Biodiversity, Flora and Fauna</b>					
To what extent will the proposal affect any international or national biodiversity designation, e.g. SAC/SPA/Ramsar/SSSI?		There is no connectivity between the proposal and any of Orkney's international and national designations. Its development is therefore unlikely to have any effect on their qualifying interests or their integrity.	0	N/A	0
To what extent will the proposal affect any locally important designations such as LNRs or LNCSs.		The proposal is remote from any of Orkney's locally important designations and its development is unlikely to have any effect on their integrity.	0	N/A	0
To what extent will the proposal affect non designated features – e.g. trees, TPOs, hedges, woodland, species rich grasslands,		Proposal is unlikely to affect any non-designated features as it is currently improved grassland.	0	N/A	0

To what extent will the proposal affect Protected Species –e.g. bats, otters, etc.?		The proposal is unlikely to affect protected species.	0	N/A	0
How will habitat connectivity or wildlife corridors be affected by the proposal – will it result in habitat fragmentation or greater connectivity?		Vegetation on site is improved grassland and has limited ecological value.	0	N/A	0
<b>Water</b>					
Could the option result in a change of status of a water body or significantly affect a designated water body as identified in the Scotland River Basin Management Plan? Can the proposal connect to the public foul sewer?	Water	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria..	0	N/A	0
Could the proposal have a direct impact on the water environment (for example result in the need for watercourse crossings or allow the de-culverting of a watercourse?)	Water	A watercourse which crosses the site may be culverted. There may be opportunities to consider de-culverting the watercourse.	?	The settlement statement highlights the Presence of the burn and the requirement to maintain a no-development buffer alongside the water course.	0
Does the proposal avoid impact on Groundwater Dependent Terrestrial Ecosystems (GWDTEs), i.e. are there any wetlands and boggy areas on the site?	Water and Biodiversity, Fauna and Flora	No.	0	N/A	0
For large scale developments are there any private or public water supplies within 250m of the proposal which may be affected?	Water and Human Health	There is a private water supply at HY26001 10286.	-	Any housing development on this site would	0

				connect to the public sewer, avoiding impact on the water supply.	
<b>Soils</b>					
Is the proposal on greenfield or brownfield land? Does it result in the loss of high quality agricultural land?	Material Assets and Soils	Site is on greenfield land which is classed as 4 <sub>1</sub> Land capable of producing a narrow range of crops.	-	The site is within the town boundary so its development is considered a sustainable option.	0
Are there any contaminated soil issues on the proposal and if so, will the option reduce contamination?	Material Assets and Soils	No.	0	N/A	0
Is the proposal on peatland and could the development of the site lead to a loss of peat?	Climatic Factors and Soils	No.	0	N/A	0
<b>Geology</b>					
Are there any national geodiversity sites that could be affected by the proposal?		No.	0	N/A	0
Are there any local geodiversity sites or wider geodiversity interests that could be affected by the proposal?		No.	0	N/A	0
<b>Landscape</b>					
To what extent will any designated sites be affected – including NSAs and local landscape designations?	Landscape	The site is located within the Hoy and West Mainland NSA.	?	The settlement statement highlights that Stromness is within the NSA.	0
Does the proposal ensure that development does not exceed the capacity of the landscape to accommodate it? Such as current	Landscape	The site is within the Stromness town boundary.	?	New development	0

settlement boundaries, existing townscape and character of surrounding area?				should comply with Policy 9 <i>Natural Environment and Landscape</i> .	
To what extent will the proposal affect features of landscape interest, including the distinctive character of the landscape and the qualities of wild land?	landscape	The Orkney Landscape Character Assessment (1998) classifies this area as Coastal Granite Pastures and notes that the sound and smell of the sea and the bustle of Stromness harbour are important facets in the character of the area.	?	Policy 2 <i>Design</i> includes a set of fundamental principles with which all development should comply.  Further guidance will be provided in the Development Brief.	0
<b>Cultural Heritage</b>					
Is development of the proposal likely to affect any scheduled monuments or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any locally important archaeological site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any listed buildings and/or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any Conservation Areas? (e.g. will it result in the demolition of any buildings)	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any Inventory Garden and Designed Landscape?	Cultural heritage, & links with landscape	No.	0	N/A	0

Is development of the proposal likely to affect the Heart of Neolithic Orkney World Heritage Site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to result in the opportunity to enhance or improve access to the historic environment?	Cultural heritage, & links with landscape	Unlikely.	0	N/A	0
<b>Service Infrastructure</b>					
Are there educational or health facilities nearby?	Population	There is both a primary and secondary school in Stromness and the International Centre for Island Technology (a part of Heriot-Watt University) is also based in the town. Health facilities include a medical practice and a dental practice, as well as a swimming pool and fitness suite.	+	N/A	+
To what extent will the proposal affect the quality and quantity of open space and connectivity and accessibility to open space, or result in a loss of open space?	Population, human health or material assets	The Market Green and sports pitches are adjacent to the south of the site; however development of the site is unlikely to affect accessibility.	0	The settlement statement requires these areas to be addressed appropriately by development proposals.	0
To what extent will development of the proposal affect core path links or other key access networks such as cycle paths, coastal paths and rights of way?	Population, human health, material assets or climatic factors	Development of the site will not affect any core paths.	0	Policy 10 <i>Green Infrastructure</i> promotes improvements to public access and permeability.	0
Is there any opportunity to enhance the green network through for example green infrastructure on site?	Population, human health or material assets	Uncertain.	?	Potential access links and the creation or enhancement of green infrastructure	?

				should be addressed in the Development Brief.	
<b>Material assets</b>					
Will development of the proposal minimise demand on primary resources e.g. does it re-use an existing structure or recycle or recover existing on-site materials / resources?		New development will link into existing infrastructure and services.	0	N/A	0
Is the proposal in the vicinity of a waste management site and could its development therefore compromise the waste handling operation?	Human health	No.	0	N/A	0
<b>Deliverability/sustainability constraints</b>					
Will the proposal be delivered within the LDP timeframe? Are there any site servicing constraints, e.g. waste water treatment capacity?	Material assets	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria. There are several combined sewers located on site.	?	The developer should contact Scottish Water as early as possible to find out whether a diversion is required or if these assets will affect the layout of the development.	0
Are there any vehicular access constraints or opportunities - is the road network capable of accommodating traffic generated?	Material assets and climatic factors	There are no known vehicular access constraints.	0	Provision should be made for vehicular access from North End Road which has the capacity to be connected to Cairston Road through allocation	0

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<b>STROMNESS</b>	<b>Source of site suggestion:</b> LDP review.		<b>Summary Description:</b> Site 4 is located on the east side of the A965, close to the entrance to Stromness. It is a new site which is included in the MIR as Option 2 but not Option 1.		
<b>STR- 4</b>	<b>Site Size (ha): 0.9</b>	<b>Current Use:</b> Agriculture and storage.	Identified as Site 20 in the MIR 2015.  Site is identified as a short term housing allocation.		

Site assessment question	Related SEA topic	Comment Information available – GIS/site visit?	Scoring pre mitigation	Mitigation	Scoring post mitigation
<b>Climate change</b>					
Is the site close to a range of facilities? Can these be accessed by public transport?	Population and Human health	Site is within 10 minutes walking distance of a range of facilities and is also close to a bus stop for the scheduled bus service X1 which links Stromness with Kirkwall and St Margaret's Hope.	+	N/A	+
Is the site protected from prevailing winds?		Site has some protection from winds from the W and SW.	+	Policy 2 <i>Design</i> requires new development to demonstrate how it will minimise use of energy and maximise opportunities for shelter.	+
Site aspect – does the site make best use of solar gain?		Yes, site has a southerly aspect and can make good use of solar gain.	+		+
Is the site thought to be at risk of flooding or could its development result in additional flood risk elsewhere?	Water and Human Health	The site is not considered to be at risk of flooding and its development would be unlikely to increase flood risk elsewhere.	0	N/A	0

Could the development of the site help alleviate any existing flooding problems in the area?	Water	Unlikely.	0	N/A	0
<b>Biodiversity, Flora and Fauna</b>					
To what extent will the proposal affect any international or national biodiversity designation, e.g. SAC/SPA/Ramsar/SSSI?		There is no connectivity between the proposal and any of Orkney's international and national designations. Its development is therefore unlikely to have any effect on their qualifying interests or their integrity.	0	N/A	0
To what extent will the proposal affect any locally important designations such as LNRs or LNCSs.		The proposal is remote from any of Orkney's locally important designations and its development is unlikely to have any effect on their integrity.	0	N/A	0
To what extent will the proposal affect non designated features – e.g. trees, TPOs, hedges, woodland, species rich grasslands,		Proposal is unlikely to affect any non-designated features as it is currently managed for agriculture.	0	N/A	0
To what extent will the proposal affect Protected Species –e.g. bats, otters, etc.?		The proposal is unlikely to affect protected species.	0	N/A	0
How will habitat connectivity or wildlife corridors be affected by the proposal – will it result in habitat fragmentation or greater connectivity?		Vegetation on site is improved grassland and has limited ecological value.	0	N/A	0
<b>Water</b>					
Could the option result in a change of status of a water body or significantly affect a designated water body as identified in the Scotland River Basin Management Plan?  Can the option connect to the public foul sewer?	Water	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria..	0	N/A	0

Could the option have a direct impact on the water environment (for example result in the need for watercourse crossings or allow the de-culverting of a watercourse?)	Water	No.	0	N/A	0
Does the option avoid impact on Groundwater Dependent Terrestrial Ecosystems (GWDTEs), i.e. are there any wetlands and boggy areas on the site?	Water and Biodiversity, Fauna and Flora	No.	0	N/A	0
For large scale developments are there any private or public water supplies within 250m of the site which may be affected?	Water and Human Health	There is a private water supply at HY26001 10286.	-	Any new housing development would connect to the public sewer, avoiding impact on the water supply.	0
<b>Soils</b>					
Is the option on greenfield or brownfield land?	Material Assets and Soils	Site is on greenfield land which is classified as category 4 <sub>2</sub> , capable of producing a narrow range of crops.	-	Site is adjacent to the settlement boundary; therefore the principle of development is considered to be a sustainable option.	0
Are there any contaminated soil issues on the site and if so, will the option reduce contamination?	Material Assets and Soils	No.	0	N/A	0
Is the proposal on peatland and could the development of the site lead to a loss of peat?	Climatic Factors and Soils	No.	0	N/A	0
<b>Geology</b>					
Are there any national geodiversity sites that could be affected by the proposal?		The site is remote from any of Orkney's national geodiversity sites and its development is unlikely to have any effect	0	N/A	0

		on their integrity.			
Are there any local geodiversity sites or wider geodiversity interests that could be affected by the proposal?		The site is remote from any of Orkney's local geodiversity sites and its development is unlikely to have any effect on their integrity.	0	N/A	0
<b>Landscape</b>					
To what extent will any designated sites be affected – including NSAs and local landscape designations?	Landscape	Site is located within the Hoy and West Mainland NSA.	?	The settlement statement notes that Stromness is located within the NSA.	0
Does the proposal ensure that development does not exceed the capacity of the landscape to accommodate it? Such as current settlement boundaries, existing townscape and character of surrounding area?	Landscape	Site is adjacent to the settlement boundary and is surrounded by low density housing and agricultural land.	?	New development should comply with Policy 9 <i>Natural Environment and Landscape</i> .  Policy 2 <i>Design</i> includes a set of fundamental principles with which all development should comply.	0
To what extent will the proposal affect features of landscape interest, including the distinctive character of the landscape and the qualities of wild land?	landscape	The Orkney Landscape Character Assessment (1998) classifies this area as Coastal Granite Pastures. Site 4 is located in an elevated position at the entrance to Stromness.  There is no wild land in this area.	?	Further guidance will be provided in the Development Brief.	0
<b>Cultural Heritage</b>					
Is development of the site likely to affect any scheduled monuments or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the site likely to affect any locally important archaeological site?	Cultural heritage, & links with landscape	No.	0	N/A	0

Is development of the site likely to affect any listed buildings and/or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the site likely to affect any Conservation Areas? (e.g. will it result in the demolition of any buildings)	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the site likely to affect any Inventory Garden and Designed Landscape?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the site likely to affect the Heart of Neolithic Orkney World Heritage Site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the site likely to result in the opportunity to enhance or improve access to the historic environment?	Cultural heritage, & links with landscape	No.	0	N/A	0
<b>Service Infrastructure</b>					
Are there educational or health facilities nearby?	Population	There is both a primary and secondary school in Stromness and the International Centre for Island Technology (a part of Heriot-Watt University) is also based in the town. Health facilities include a medical practice and a dental practice, as well as a swimming pool and fitness suite.	+	N/A	+
To what extent will the proposal affect the quality and quantity of open space and connectivity and accessibility to open space, or	Population, human health or material	Development of this site would not affect accessibility to open space.	0	N/A	0

result in a loss of open space?	assets				
To what extent will development of the site affect core path links or other key access networks such as cycle paths, coastal paths and rights of way?	Population, human health, material assets or climatic factors	Development of this site would not affect core paths or other key access routes.	0	N/A	0
Is there any opportunity to enhance the green network through for example green infrastructure on site?	Population, human health or material assets	Unlikely due to the small area of this site.	0	N/A	?
<b>Material assets</b>					
Will development of the site minimise demand on primary resources e.g. does it re-use an existing structure or recycle or recover existing on-site materials / resources?		New development will link into existing infrastructure and services.	0	N/A	0
Is the site in the vicinity of a waste management site and could its development therefore compromise the waste handling operation?	Human health	No	0	N/A	0
<b>Deliverability/sustainability constraints</b>					
Will the site be delivered within the LDP timeframe? Are there any site servicing constraints, e.g. waste water treatment capacity?	Material assets	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria..	?	N/A	0
Are there any vehicular access constraints or opportunities - is the road network capable of	Material assets and climatic	There are no known vehicular access constraints.	0	N/A	0

accommodating traffic generated?	factors			
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<b>STROMNESS</b>	<b>Source of site suggestion:</b> Brought forward from Orkney LDP 2014.		<b>Summary Description:</b> Identified as Site STR-B in the Orkney LDP 2014.		
<b>STR-5</b>	<b>Site Size (ha):</b> <b>0.5</b>	<b>Current Use:</b> Agriculture	Identified as Site 4 in the MIR 2015.  Site is identified as a short term housing allocation.		
<b>Site assessment question</b>	<b>Related SEA topic</b>	<b>Comment</b> <b>Information available – GIS/site visit?</b>	<b>Scoring pre mitigation</b>	<b>Mitigation</b>	<b>Scoring post mitigation</b>
<b>Climate change</b>					
Is the proposal close to a range of facilities? Can these be accessed by public transport?	Population and Human health	The site is close to Stromness Primary School and Stromness Academy. Shops are within 15 minutes walking distance. There is a bus stop nearby for the X1 service which links Stromness with Kirkwall and St Margaret's Hope.	+	N/A	+
Is the proposal protected from prevailing winds?		The site is surrounded on three sides by built development which provides a degree of shelter.	+	Policy 2 <i>Design</i> requires new development to demonstrate how it will minimise use of energy and maximise opportunities for shelter.	+
Site aspect – does the proposal make best use of solar gain?		The site slopes gently to the SW and benefits from solar gain for much of the day.	+		+

Is the proposal thought to be at risk of flooding or could its development result in additional flood risk elsewhere?	Water and Human Health	The site is not considered to be at risk of flooding and its development is unlikely to increase flood risk elsewhere.	0	N/A	0
Could the development of the proposal help alleviate any existing flooding problems in the area?	Water	Unlikely.	0	N/A	0
<b>Biodiversity, Flora and Fauna</b>					
To what extent will the proposal affect any international or national biodiversity designation, e.g. SAC/SPA/Ramsar/SSSI?		There is no connectivity between the proposal and any of Orkney's international and national designations. Its development is therefore unlikely to have any effect on their qualifying interests or their integrity.	0	N/A	0
To what extent will the proposal affect any locally important designations such as LNRs or LNCSSs.		The proposal is remote from any of Orkney's locally important designations and its development is unlikely to have any effect on their integrity.	0	N/A	0
To what extent will the proposal affect non designated features – e.g. trees, TPOs, hedges, woodland, species rich grasslands,		Proposal is unlikely to affect any non-designated features as it is currently improved grassland.	0	N/A	0
To what extent will the proposal affect Protected Species –e.g. bats, otters, etc.?		The proposal is unlikely to affect protected species.	0	N/A	0
How will habitat connectivity or wildlife corridors be affected by the proposal – will it result in habitat fragmentation or greater connectivity?		Vegetation on site is improved grassland and has limited ecological value.	0	N/A	0
<b>Water</b>					
Could the option result in a change of status of	Water	There is currently capacity at Stromness	0	N/A	0

a water body or significantly affect a designated water body as identified in the Scotland River Basin Management Plan? Can the proposal connect to the public foul sewer?		waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria..			
Could the proposal have a direct impact on the water environment (for example result in the need for watercourse crossings or allow the de-culverting of a watercourse?)	Water	No.	0	N/A	0
Does the proposal avoid impact on Groundwater Dependent Terrestrial Ecosystems (GWDTEs), i.e. are there any wetlands and boggy areas on the site?	Water and Biodiversity, Fauna and Flora	No.	0	N/A	0
For large scale developments are there any private or public water supplies within 250m of the proposal which may be affected?	Water and Human Health	No.	0	N/A	0
<b>Soils</b>					
Is the proposal on greenfield or brownfield land? Does it result in the loss of high quality agricultural land?	Material Assets and Soils	The site is on greenfield land which is classed as 4, Land capable of producing a narrow range of crops.	-	The site is within the town boundary so its development is considered a sustainable option.	0
Are there any contaminated soil issues on the proposal and if so, will the option reduce contamination?	Material Assets and Soils	No.	0	N/A	0
Is the proposal on peatland and could the development of the site lead to a loss of peat?	Climatic Factors and Soils	No.	0	N/A	0
<b>Geology</b>					

Are there any national geodiversity sites that could be affected by the proposal?		No.	0	N/A	0
Are there any local geodiversity sites or wider geodiversity interests that could be affected by the proposal?		No.	0	N/A	0
<b>Landscape</b>					
To what extent will any designated sites be affected – including NSAs and local landscape designations?	Landscape	The site is located within the Hoy and West Mainland NSA.	?	The settlement statement highlights that Stromness is within the NSA.  New development should comply with Policy 9 <i>Natural Environment and Landscape</i> .  Policy 2 <i>Design</i> includes a set of fundamental principles with which all development should comply.  Further guidance will be provided in the Development Brief.	0
Does the proposal ensure that development does not exceed the capacity of the landscape to accommodate it? Such as current settlement boundaries, existing townscape and character of surrounding area?	Landscape	The site is within the Stromness town boundary.	?		0
To what extent will the proposal affect features of landscape interest, including the distinctive character of the landscape and the qualities of wild land?	landscape	The Orkney Landscape Character Assessment (1998) classifies this area as Coastal Granite Pastures and notes that the sound and smell of the sea and the bustle of Stromness harbour are important facets in the character of the area.  No wild land.	?		0
<b>Cultural Heritage</b>					

Is development of the proposal likely to affect any scheduled monuments or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any locally important archaeological site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any listed buildings and/or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any Conservation Areas? (e.g. will it result in the demolition of any buildings)	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any Inventory Garden and Designed Landscape?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect the Heart of Neolithic Orkney World Heritage Site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to result in the opportunity to enhance or improve access to the historic environment?	Cultural heritage, & links with landscape	Unlikely.	0	N/A	0
<b>Service Infrastructure</b>					
Are there educational or health facilities nearby?	Population	There is both a primary and secondary school in Stromness and the International Centre for Island Technology (a part of Heriot-Watt University) is also based in the town. Health facilities include a medical practice and a dental practice, as well as a swimming pool and fitness suite.	+	N/A	+

To what extent will the proposal affect the quality and quantity of open space and connectivity and accessibility to open space, or result in a loss of open space?	Population, human health or material assets	Development of the site is unlikely to affect open space.	0	N/A	0
To what extent will development of the proposal affect core path links or other key access networks such as cycle paths, coastal paths and rights of way?	Population, human health, material assets or climatic factors	Development of the site will not affect core path links or any other key access networks.	0	N/A	0
Is there any opportunity to enhance the green network through for example green infrastructure on site?	Population, human health or material assets	Uncertain.	?	Guidance is available in the Orkney Open Space Strategy.	?
<b>Material assets</b>					
Will development of the proposal minimise demand on primary resources e.g. does it re-use an existing structure or recycle or recover existing on-site materials / resources?		New development will link into existing infrastructure and services.	0	N/A	0
Is the proposal in the vicinity of a waste management site and could its development therefore compromise the waste handling operation?	Human health	No.	0	N/A	0
<b>Deliverability/sustainability constraints</b>					
Will the proposal be delivered within the LDP timeframe? Are there any site servicing constraints, e.g. waste water treatment capacity?	Material assets	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria. A combined sewer and several private service link pipes are located within the	-	Settlement statement notes the presence of the sewer pipes.	0

		site. The developer should contact Scottish Water as early as possible to find out whether a diversion is required for the sewer. Any diversion to private service pipes would need the approval of the property owners.			
Are there any vehicular access constraints or opportunities - is the road network capable of accommodating traffic generated?	Material assets and climatic factors	There are no known vehicular access constraints.	0	Settlement statement notes that development of this allocation should include vehicular access provision to STR-3.	0

<b>STROMNESS</b>	<b>Source of site suggestion:</b> Brought forward from Orkney LDP 2014.		<b>Summary Description:</b> Identified as Site STR-S in the Orkney LDP 2014.		
<b>STR-6</b>	<b>Site Size (ha):</b> 0.7	<b>Current Use:</b> Rough ground	Identified as Site 5 in the MIR 2015. Site is identified as a short-term housing allocation. A development brief would be required for this site.		
<b>Site assessment question</b>	<b>Related SEA topic</b>	<b>Comment</b> <b>Information available – GIS/site visit?</b>	<b>Scoring pre mitigation</b>	<b>Mitigation</b>	<b>Scoring post mitigation</b>
<b>Climate change</b>					
Is the proposal close to a range of facilities? Can these be accessed by public transport?	Population and Human health	The site is close to Stromness Primary School and Stromness Academy. Shops are within 15 minutes walking distance. There is a bus stop nearby for the X1	+	N/A	+

		service which links Stromness with Kirkwall and St Margaret's Hope.			
Is the proposal protected from prevailing winds?		The site is low-lying and benefits from a degree of shelter from adjacent housing.	+	Policy 2 <i>Design</i> requires new development to demonstrate how it will minimise use of energy and maximise opportunities for shelter.	+
Site aspect – does the proposal make best use of solar gain?		The site has an open aspect and benefits from the sun for most of the day.	+		+
Is the proposal thought to be at risk of flooding or could its development result in additional flood risk elsewhere?	Water and Human Health	<p>There are records of flooding from the Mill Burn to Garson Road and surrounding areas. The southern end of Site 5 is at risk of fluvial flooding from the Mill Burn. A further watercourse, possibly known as the Hillside Burn flows close to the western margin of the site. This section of the watercourse is mainly culverted, with only a short length emerging above ground before it connects with the Mill Burn.</p> <p>Areas identified at risk of flooding will have to be avoided and appropriate buffer strips will be required to watercourses. The outcome of the FRA is likely to affect the developable area and capacity of the site.</p>	--	The settlement statement highlights the requirement for a FRA. The assessment should address risk from the small watercourse (Hillside Road Burn) and the Mill Burn, and a combination of the two along with any backwater effects of high tides.	0
Could the development of the proposal help alleviate any existing flooding problems in the area?	Water	Unlikely.	0	N/A	0
<b>Biodiversity, Flora and Fauna</b>					

To what extent will the proposal affect any international or national biodiversity designation, e.g. SAC/SPA/Ramsar/SSSI?		There is no connectivity between the proposal and any of Orkney's international and national designations. Its development is therefore unlikely to have any effect on their qualifying interests or their integrity.	0	N/A	0
To what extent will the proposal affect any locally important designations such as LNRs or LNCSs.		The proposal is remote from any of Orkney's locally important designations and its development is unlikely to have any effect on their integrity.	0	N/A	0
To what extent will the proposal affect non designated features – e.g. trees, TPOs, hedges, woodland, species rich grasslands,		Development on this site could impact on the watercourses and their margins, as well as the adjacent woodland area.	-	The settlement statement acknowledges the presence of the Mill Burn.	0
To what extent will the proposal affect Protected Species –e.g. bats, otters, etc.?		There is potential for otters to use the Mill Burn as an access route to and from the sea.  Much of this site is a known foraging area for bats. Apart from the northern part which borders the Cairston road, the vegetation is rough and tussocky and includes a number of trees and shrubs. Along with the margins of the Mill Burn and Hillside Burn this provides insect-rich foraging habitat	?	The potential for otters to be present in areas close to waterbodies and drainage ditches is highlighted in the introduction to the settlement statements.  Potential bat presence in Stromness is mentioned at the introduction to the settlement statement.	0
How will habitat connectivity or wildlife corridors be affected by the proposal – will it result in habitat fragmentation or greater		At the time of the site visit, quantities of rubble/spoil were stored in the north end of the site. Elsewhere the vegetation was	-	There is clear potential to create buffer zones along	+

connectivity?		<p>predominantly rough grassland with some shrubs, e.g. <i>Rosa rugosa</i>. Towards the Mill Burn the vegetation appears to be more species rich and includes a small plantation of trees/shrubs. There appears to be no defined boundary between Site 5 and the adjacent area where trees were planted as part of a Millennium Woodland project.</p> <p>There is potential for development to disrupt habitat connectivity.</p>		<p>the watercourses; these would protect the burn margins and may enable linkage with the woodland area.</p> <p>This should be addressed in the development brief.</p>	
<b>Water</b>					
<p>Could the option result in a change of status of a water body or significantly affect a designated water body as identified in the Scotland River Basin Management Plan?</p> <p>Can the proposal connect to the public foul sewer?</p>	Water	<p>There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria..</p>	0	N/A	0
<p>Could the proposal have a direct impact on the water environment (for example result in the need for watercourse crossings or allow the de-culverting of a watercourse?)</p>	Water	<p>The Mill Burn flows along the southern boundary of the allocation and a culverted section of the Hillside burn follows its western boundary before joining the Mill Burn.</p> <p>There is potential for development to impact on the burns and their margins; however flood risk is likely to limit development in these parts of the site.</p> <p>There may be opportunity to open up the culverted section of the Hillside Burn.</p>	?	<p>The settlement statement acknowledges the presence of the Mill Burn.</p> <p>Policy 9 <i>Natural Environment and Landscape</i> requires an appropriate development-free buffer zone to be included where a</p>	0

				waterside location is not essential to the development.	
Does the proposal avoid impact on Groundwater Dependent Terrestrial Ecosystems (GWDTEs), i.e. are there any wetlands and boggy areas on the site?	Water and Biodiversity, Fauna and Flora	No.	0	N/A	0
For large scale developments are there any private or public water supplies within 250m of the proposal which may be affected?	Water and Human Health	No.	0	N/A	0
<b>Soils</b>					
Is the proposal on greenfield or brownfield land? Does it result in the loss of high quality agricultural land?	Material Assets and Soils	The site is on greenfield land which is classed as 4 <sub>1</sub> Land capable of producing a narrow range of crops.	-	The site is within the town boundary so its development is considered a sustainable option.	0
Are there any contaminated soil issues on the proposal and if so, will the option reduce contamination?	Material Assets and Soils	No.	0	N/A	0
Is the proposal on peatland and could the development of the site lead to a loss of peat?	Climatic Factors and Soils	No.	0	N/A	0
<b>Geology</b>					
Are there any national geodiversity sites that could be affected by the proposal?		No.	0	N/A	0
Are there any local geodiversity sites or wider geodiversity interests that could be affected by the proposal?		No.	0	N/A	0

<b>Landscape</b>					
To what extent will any designated sites be affected – including NSAs and local landscape designations?	Landscape	The site is located within the Hoy and West Mainland NSA.	?	The settlement statement highlights that Stromness is within the NSA.	0
Does the proposal ensure that development does not exceed the capacity of the landscape to accommodate it? Such as current settlement boundaries, existing townscape and character of surrounding area?	Landscape	The proposal is located within the settlement boundary in an area described by the Stromness Urban Design Framework as a greenspace area. The Framework recommends improving the shoreline link round Hamnavoe, connecting up green spaces and focal points from Point of Ness to the Whitehouse Rocks.	-	New development should comply with Policy 9 <i>Natural Environment and Landscape</i> .  Policy 2 <i>Design</i> includes a set of fundamental principles with which all development should comply.	0
To what extent will the proposal affect features of landscape interest, including the distinctive character of the landscape and the qualities of wild land?	landscape	The Orkney Landscape Character Assessment (1998) classifies this area as Coastal Granite Pastures and notes that the sound and smell of the sea and the bustle of Stromness harbour are important facets in the character of the area.	?	Further guidance will be provided in the Development Brief.	0
<b>Cultural Heritage</b>					
Is development of the proposal likely to affect any scheduled monuments or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any locally important archaeological site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any listed buildings and/or their setting?	Cultural heritage, & links	No.	0	N/A	0

	with landscape				
Is development of the proposal likely to affect any Conservation Areas? (e.g. will it result in the demolition of any buildings)	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any Inventory Garden and Designed Landscape?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect the Heart of Neolithic Orkney World Heritage Site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to result in the opportunity to enhance or improve access to the historic environment?	Cultural heritage, & links with landscape	Unlikely.	0	N/A	0
<b>Service Infrastructure</b>					
Are there educational or health facilities nearby?	Population	There is both a primary and secondary school in Stromness and the International Centre for Island Technology (a part of Heriot-Watt University) is also based in the town. Health facilities include a medical practice and a dental practice, as well as a swimming pool and fitness suite.	+	N/A	+
To what extent will the proposal affect the quality and quantity of open space and connectivity and accessibility to open space, or result in a loss of open space?	Population, human health or material assets	Development of the site is unlikely to affect formally classified open space.	0	Policy 10 <i>Green Infrastructure</i> promotes improvements to public access and permeability.	0
To what extent will development of the proposal affect core path links or other key access networks such as cycle paths, coastal paths and rights of way?	Population, human health, material assets or climatic	Core path Wm30 follows a route on the opposite side of the Mill Burn and links Stromness Academy and the Garson Peninsula with the opposite side of	+	The settlement statement requires pedestrian access to be provided to	+

	factors	Hamnavoe. Although there is no formal access route through the site a well-trodden path was clearly visible in the long grass, indicating that it is routinely used, perhaps to access the core path.		the established open space to the west and south of the site.	
Is there any opportunity to enhance the green network through for example green infrastructure on site?	Population, human health or material assets	The Mill Burn flows along the southern boundary of the site and the Hillside Burn flows along its western boundary. There is also a small plantation (Millennium Woodland) between the site and the Stromness Primary School.  There is clear potential to create buffer zones along the watercourses, to protect the burn margins and enable linkage with the woodland area.  The Stromness Urban Design Framework recommends improving the shoreline link round Hamnavoe, connecting up green spaces.	?	The settlement statement could highlight opportunities to identify areas adjacent to the Mill Burn and Hillside Burn as greenspace, ensuring continued linkages with the Hamnavoe coastline and the adjacent woodland plantation.	0
<b>Material assets</b>					
Will development of the proposal minimise demand on primary resources e.g. does it re-use an existing structure or recycle or recover existing on-site materials / resources?		New development will link into existing infrastructure and services.	0	N/A	0
Is the proposal in the vicinity of a waste management site and could its development therefore compromise the waste handling operation?	Human health	No.	0	N/A	0
<b>Deliverability/sustainability constraints</b>					

Will the proposal be delivered within the LDP timeframe? Are there any site servicing constraints, e.g. waste water treatment capacity?	Material assets	There is currently capacity at Stromness waste water treatment works; however, should demands exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria.	0	N/A	0
Are there any vehicular access constraints or opportunities - is the road network capable of accommodating traffic generated?	Material assets and climatic factors	There are no known vehicular access constraints.	0	N/A	0

<b>STROMNESS</b>		<b>Source of site suggestion:</b> LDP review.		<b>Summary Description:</b> This is a new site which is located to the east of the town, on the north side of the Cairston Road and adjacent to the current town boundary. It is included in Option 2 but not in Option 1.  Identified as Site 21 in the MIR 2015.  Identified as a short term housing allocation.  A development brief would be required for this site.		
<b>STR-7</b>	<b>Site Size (ha): 1.00</b>	<b>Current Use:</b> Agriculture.				
<b>Site assessment question</b>	<b>Related SEA topic</b>	<b>Comment Information available – GIS/site visit?</b>		<b>Scoring pre mitigation</b>	<b>Mitigation</b>	<b>Scoring post mitigation</b>
<b>Climate change</b>						
Is the site close to a range of facilities? Can these be accessed by public transport?	Population and Human health	Site is within 5 minutes walking distance of a range of facilities. Bus stops for the scheduled bus service X1 which links Stromness with Kirkwall and St Margaret's Hope are within approximately 5-10 minutes walking distance.		+	N/A	+

Is the site protected from prevailing winds?		Site has some protection from winds from the W and SW.	+	Policy 2 <i>Design</i> requires new development to demonstrate how it will minimise use of energy and maximise opportunities for shelter.	+
Site aspect – does the site make best use of solar gain?		Yes, site has a southerly aspect and can make good use of solar gain.	+		+
Is the site thought to be at risk of flooding or could its development result in additional flood risk elsewhere?	Water and Human Health	An area close to the eastern boundary of the site is at risk of fluvial flooding from the Mill Burn.  FRA may be required if development proposed close to watercourse at eastern end of the site, to assess risk from the Mill Burn. Burn is culverted under the road next to the site which could exacerbate the risk from the burn.	-	The settlement statement includes a requirement for a Flood Risk Assessment to be undertaken.  Areas at high risk of flooding should be avoided.	0
Could the development of the site help alleviate any existing flooding problems in the area?	Water	Unlikely.	0	N/A	0
<b>Biodiversity, Flora and Fauna</b>					
To what extent will the proposal affect any international or national biodiversity designation, e.g. SAC/SPA/Ramsar/SSSI?		There is no connectivity between the proposal and any of Orkney's international and national designations. Its development is therefore unlikely to have any effect on their qualifying interests or their integrity.	0	N/A	0
To what extent will the proposal affect any locally important designations such as LNRs or LNCSs.		The proposal is remote from any of Orkney's locally important designations and its development is unlikely to have any effect on their integrity.	0	N/A	0
To what extent will the proposal affect non designated features – e.g. trees, TPOs, hedges, woodland, species rich grasslands,		Proposal is unlikely to affect any non-designated features as it is currently managed for agriculture.	0	N/A	0

To what extent will the proposal affect Protected Species –e.g. bats, otters, etc.?		Otters may be present in the adjacent Mill Burn.	?	The potential for otters to be present in areas close to waterbodies and drainage ditches is highlighted in the introduction to the settlement statements.	0
How will habitat connectivity or wildlife corridors be affected by the proposal – will it result in habitat fragmentation or greater connectivity?		Vegetation on site is improved grassland and has limited ecological value.	0	N/A	0
<b>Water</b>					
Could the option result in a change of status of a water body or significantly affect a designated water body as identified in the Scotland River Basin Management Plan?  Can the option connect to the public foul sewer?	Water	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria..	0	N/A	0
Could the option have a direct impact on the water environment (for example result in the need for watercourse crossings or allow the de-culverting of a watercourse?)	Water	The Mill Burn flows along the eastern boundary of site 21.	?	The settlement statement highlights the presence of the Mill Burn.  The development brief highlights the requirement for a buffer zone alongside the burn.	0
Does the option avoid impact on Groundwater Dependent Terrestrial Ecosystems (GWDTEs), i.e. are there any wetlands and boggy areas on the site?	Water and Biodiversity, Fauna and Flora	No.	0	N/A	0
For large scale developments are there any private or public water supplies within 250m of	Water and Human	No.	0	N/A	0

the site which may be affected?	Health				
<b>Soils</b>					
Is the option on greenfield or brownfield land?	Material Assets and Soils	It is on greenfield land which is classified as category 4 <sub>2</sub> , capable of producing a narrow range of crops.	-	Site is adjacent to the settlement boundary; therefore the principle of development is considered to be a sustainable option.	0
Are there any contaminated soil issues on the site and if so, will the option reduce contamination?	Material Assets and Soils	No.	0	N/A	0
Is the proposal on peatland and could the development of the site lead to a loss of peat?	Climatic Factors and Soils	No.	0	N/A	0
<b>Geology</b>					
Are there any national geodiversity sites that could be affected by the proposal?		The site is remote from any of Orkney's national geodiversity sites and its development is unlikely to have any effect on their integrity.	0	N/A	0
Are there any local geodiversity sites or wider geodiversity interests that could be affected by the proposal?		The site is remote from any of Orkney's local geodiversity sites and its development is unlikely to have any effect on their integrity.	0	N/A	0
<b>Landscape</b>					
To what extent will any designated sites be affected – including NSAs and local landscape designations?	Landscape	The proposal is located within the Hoy and West Mainland NSA.	?	The settlement statement highlights that Stromness is within the	0

Does the proposal ensure that development does not exceed the capacity of the landscape to accommodate it? Such as current settlement boundaries, existing townscape and character of surrounding area?	Landscape	Site 21 is adjacent to the settlement boundary and is surrounded by low density housing and agricultural land.	?	NSA. New development should comply with Policy 9 <i>Natural Environment and Landscape</i> .	0
To what extent will the proposal affect features of landscape interest, including the distinctive character of the landscape and the qualities of wild land?	landscape	The Orkney Landscape Character Assessment (1998) classifies this area as Coastal Granite Pastures. Site 21 is located in an elevated position at the entrance to Stromness.  There is no wild land in this area.	?	Policy 2 <i>Design</i> includes a set of fundamental principles with which all development should comply.  Further guidance will be provided in the Development Brief.	0
<b>Cultural Heritage</b>					
Is development of the site likely to affect any scheduled monuments or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the site likely to affect any locally important archaeological site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the site likely to affect any listed buildings and/or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the site likely to affect any Conservation Areas? (e.g. will it result in the demolition of any buildings)	Cultural heritage, & links with landscape	No.	0	N/A	0

Is development of the site likely to affect any Inventory Garden and Designed Landscape?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the site likely to affect the Heart of Neolithic Orkney World Heritage Site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the site likely to result in the opportunity to enhance or improve access to the historic environment?	Cultural heritage, & links with landscape	No.	0	N/A	0
<b>Service Infrastructure</b>					
Are there educational or health facilities nearby?	Population	There is both a primary and secondary school in Stromness and the International Centre for Island Technology (a part of Heriot-Watt University) is also based in the town. Health facilities include a medical practice and a dental practice, as well as a swimming pool and fitness suite.	+	N/A	+
To what extent will the proposal affect the quality and quantity of open space and connectivity and accessibility to open space, or result in a loss of open space?	Population, human health or material assets	Development of site would not affect access to open space.	0	N/A	0
To what extent will development of the site affect core path links or other key access networks such as cycle paths, coastal paths and rights of way?	Population, human health, material assets or climatic factors	Development of site would not affect any core path or other key access route.	0	Policy 10 <i>Green Infrastructure</i> promotes improvements to public access and permeability.	0
Is there any opportunity to enhance the green network through for example green	Population, human health	Uncertain.	?	Potential access links and the creation or enhancement of green	?

infrastructure on site?	or material assets			infrastructure should be addressed in the Development Brief.	
<b>Material assets</b>					
Will development of the site minimise demand on primary resources e.g. does it re-use an existing structure or recycle or recover existing on-site materials / resources?		New development will link into existing infrastructure and services.	0	N/A	0
Is the site in the vicinity of a waste management site and could its development therefore compromise the waste handling operation?	Human health	No	0	N/A	0
<b>Deliverability/sustainability constraints</b>					
Will the site be delivered within the LDP timeframe? Are there any site servicing constraints, e.g. waste water treatment capacity?	Material assets	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria...	0	N/A	0
Are there any vehicular access constraints or opportunities - is the road network capable of accommodating traffic generated?	Material assets and climatic factors	There are no known vehicular access constraints.	0	N/A	0

<b>STROMNESS</b>	<b>Source of site suggestion:</b> Brought forward from Orkney LDP 2014.	<b>Summary Description:</b> Site 8 is located at Garson and in the Orkney LDP 2014 it comprises Site STR-E, a housing allocation, and part of the Strategic Development Area STR-M.
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<b>STR-8</b>	<b>Site Size (ha):</b> 2.6	<b>Current Use:</b> Strategic Development Area	<p>Identified as Sites 6 and 23 in the MIR 2015.</p> <p>The Copland's Dock Development Brief, prepared in 2014, sets out the main opportunities and constraints relating to this site, as well as the wider Copland's Dock area.</p> <p>Site 8 is identified as a site for a residential care facility as well as a short-term housing allocation.</p>		
<b>Site assessment question</b>	<b>Related SEA topic</b>	<b>Comment</b> <b>Information available – GIS/site visit?</b>	<b>Scoring pre mitigation</b>	<b>Mitigation</b>	<b>Scoring post mitigation</b>
<b>Climate change</b>					
Is the proposal close to a range of facilities? Can these be accessed by public transport?	Population and Human health	The site is close to Stromness Primary School and Stromness Academy. Shops are within 15 minutes walking distance. There is a bus stop nearby for the X1 service which links Stromness with Kirkwall and St Margaret's Hope.	+	N/A	+
Is the proposal protected from prevailing winds?		Site slopes gently towards the west with lower slopes experiencing some shelter from easterly wind. Brinkie's Brae at the opposite side of Hamnavoe provides shelter from westerly wind.	+	Policy 2 <i>Design</i> requires new development to demonstrate how it will minimise use of energy and maximise opportunities for shelter.	+
Site aspect – does the proposal make best use of solar gain?		Site has an open aspect and benefits from the sun for most of the day.	+		+
Is the proposal thought to be at risk of flooding or could its development result in additional	Water and Human Health	A small drainage ditch runs through the site.	0	N/A	0

flood risk elsewhere?					
Could the development of the proposal help alleviate any existing flooding problems in the area?	Water	Unlikely.	0	N/A	0
<b>Biodiversity, Flora and Fauna</b>					
To what extent will the proposal affect any international or national biodiversity designation, e.g. SAC/SPA/Ramsar/SSSI?		There is no connectivity between the proposal and any of Orkney's international and national designations. Its development is therefore unlikely to have any effect on their qualifying interests or their integrity.	0	N/A	0
To what extent will the proposal affect any locally important designations such as LNRs or LNCSs.		The proposal is remote from any of Orkney's locally important designations and its development is unlikely to have any effect on their integrity.	0	N/A	0
To what extent will the proposal affect non designated features – e.g. trees, TPOs, hedges, woodland, species rich grasslands,		Proposal is unlikely to affect any non-designated features as it is currently improved grassland.	0	N/A	0
To what extent will the proposal affect Protected Species –e.g. bats, otters, etc.?		The proposal is unlikely to affect protected species.	0	N/A	0
How will habitat connectivity or wildlife corridors be affected by the proposal – will it result in habitat fragmentation or greater connectivity?		Vegetation on site is improved grassland and has limited ecological value.	0	N/A	0
<b>Water</b>					
Could the option result in a change of status of a water body or significantly affect a designated water body as identified in the	Water	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a	0	N/A	0

Scotland River Basin Management Plan? Can the proposal connect to the public foul sewer?		Growth Project once one development meets the 5 Growth Criteria..			
Could the proposal have a direct impact on the water environment (for example result in the need for watercourse crossings or allow the de-culverting of a watercourse?)	Water	Drainage ditches along field boundaries are likely to require the installation of crossings or culverts; however the effects on the water environment are likely to be minor.	0	N/A	0
Does the proposal avoid impact on Groundwater Dependent Terrestrial Ecosystems (GWDTEs), i.e. are there any wetlands and boggy areas on the site?	Water and Biodiversity, Fauna and Flora	No.	0	N/A	0
For large scale developments are there any private or public water supplies within 250m of the proposal which may be affected?	Water and Human Health	No.	0	N/A	0
<b>Soils</b>					
Is the proposal on greenfield or brownfield land? Does it result in the loss of high quality agricultural land?	Material Assets and Soils	Site is on greenfield land which is classed as 4 <sub>1</sub> Land capable of producing a narrow range of crops.	-	Site is within the town boundary so its development is considered a sustainable option.	0
Are there any contaminated soil issues on the proposal and if so, will the option reduce contamination?	Material Assets and Soils	No.	0	N/A	0
Is the proposal on peatland and could the development of the site lead to a loss of peat?	Climatic Factors and Soils	No.	0	N/A	0
<b>Geology</b>					
Are there any national geodiversity sites that		No.	0	N/A	0

could be affected by the proposal?					
Are there any local geodiversity sites or wider geodiversity interests that could be affected by the proposal?		No.	0	N/A	0
<b>Landscape</b>					
To what extent will any designated sites be affected – including NSAs and local landscape designations?	Landscape	Site is located within the Hoy and West Mainland NSA. The Copland's Dock Development Brief (2014), recognises the potential for development of this area to be damaging to the visual integrity of Stromness and the NSA.	?	The settlement statement highlights that Stromness is within the NSA and that potential to have an adverse impact on the NSA is a significant consideration for this allocation.	0
Does the proposal ensure that development does not exceed the capacity of the landscape to accommodate it? Such as current settlement boundaries, existing townscape and character of surrounding area?	Landscape	Site is within the Stromness town boundary. A new Care Home is due to be developed on part of the site.	?	New development should comply with Policy 9 <i>Natural Environment and Landscape</i> .	0
To what extent will the proposal affect features of landscape interest, including the distinctive character of the landscape and the qualities of wild land?	landscape	The Orkney Landscape Character Assessment (1998) classifies this area as Coastal Granite Pastures and notes that the sound and smell of the sea and the bustle of Stromness harbour are important facets in the character of the area. Granite stone walls are also a feature of this area.	?	Policy 2 <i>Design</i> includes a set of fundamental principles with which all development should comply.  Further guidance is provided in the Development Brief.	0
<b>Cultural Heritage</b>					

Is development of the proposal likely to affect any scheduled monuments or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any locally important archaeological site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any listed buildings and/or their setting?	Cultural heritage, & links with landscape	Garson House which is category B-listed is located nearby to the east of the site.	?	The settlement statement requires new development to avoid impact on the setting of Garson House.	0
Is development of the proposal likely to affect any Conservation Areas? (e.g. will it result in the demolition of any buildings)	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any Inventory Garden and Designed Landscape?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect the Heart of Neolithic Orkney World Heritage Site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to result in the opportunity to enhance or improve access to the historic environment?	Cultural heritage, & links with landscape	Unlikely.	0	N/A	0
<b>Service Infrastructure</b>					
Are there educational or health facilities nearby?	Population	There is both a primary and secondary school in Stromness and the International Centre for Island Technology (a part of Heriot-Watt University) is also based in the town.	+	N/A	+

		Health facilities include a medical practice and a dental practice, as well as a swimming pool and fitness suite.			
To what extent will the proposal affect the quality and quantity of open space and connectivity and accessibility to open space, or result in a loss of open space?	Population, human health or material assets	An area to the west of the site that was previously classed as open space has been de-classified as it is not publicly accessible. However it is routinely used for fireworks displays.	0	This area is not included in the allocation.	0
To what extent will development of the proposal affect core path links or other key access networks such as cycle paths, coastal paths and rights of way?	Population, human health, material assets or climatic factors	Core Path Wm 30 follows the Hamnavoe coast to the west of the site.	+	Policy 10 <i>Green Infrastructure</i> promotes improvements to public access and permeability	+
Is there any opportunity to enhance the green network through for example green infrastructure on site?	Population, human health or material assets	Uncertain.	?	Further guidance is available in the Orkney Open Space Strategy.	?
<b>Material assets</b>					
Will development of the proposal minimise demand on primary resources e.g. does it re-use an existing structure or recycle or recover existing on-site materials / resources?		New development will link into existing infrastructure and services.	0	N/A	0
Is the proposal in the vicinity of a waste management site and could its development therefore compromise the waste handling operation?	Human health	No.	0	N/A	0
<b>Deliverability/sustainability constraints</b>					
Will the proposal be delivered within the LDP timeframe? Are there any site servicing constraints, e.g. waste water treatment	Material assets	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a	0	N/A	0

capacity?		Growth Project once one development meets the 5 Growth Criteria.			
Are there any vehicular access constraints or opportunities - is the road network capable of accommodating traffic generated?	Material assets and climatic factors	This site should only be considered for development once the roads infrastructure which is required to accommodate Copland's dock has been provided.	--	The settlement statement notes that completion of the roads infrastructure for Copland's Dock is a prerequisite for development on this site.	0

<b>STROMNESS</b>	<b>Source of site suggestion:</b> Brought forward from Orkney LDP 2014.		<b>Summary Description:</b> Identified as Site STR-D in the Orkney LDP 2014		
<b>STR-9</b>	<b>Site Size (ha):</b> 2.16	<b>Current Use:</b> Agriculture	Identified as Site 7 in the MIR 2015.  This site is included in the North End, Stromness Development Brief which was prepared in 2011. The site is identified as a short term housing allocation.		

Site assessment question	Related SEA topic	Comment Information available – GIS/site visit?	Scoring pre mitigation	Mitigation	Scoring post mitigation
<b>Climate change</b>					
Is the proposal close to a range of facilities? Can these be accessed by public transport?	Population and Human health	The site is close to Stromness Primary School and Stromness Academy. Shops are within 15 minutes walking distance. There is a bus stop nearby for the X1 service which links Stromness with Kirkwall and St Margaret's Hope.	+	N/A	+

Is the proposal protected from prevailing winds?		The site slopes towards the east and is sheltered from westerly winds.	+	Policy 2 <i>Design</i> requires new development to demonstrate how it will minimise use of energy and maximise opportunities for shelter.	+
Site aspect – does the proposal make best use of solar gain?		The site has an easterly aspect and benefits most from solar gain during the morning and early afternoon.	+		+
Is the proposal thought to be at risk of flooding or could its development result in additional flood risk elsewhere?	Water and Human Health	Records indicate the presence of a well on site – groundwater may be close to surface. Steeply sloping site above existing developed area. Records of surface water flooding.	?	The settlement statement notes the presence of the well and the potential groundwater issues and flood risk.	0
Could the development of the proposal help alleviate any existing flooding problems in the area?	Water	Unlikely.	0		0
<b>Biodiversity, Flora and Fauna</b>					
To what extent will the proposal affect any international or national biodiversity designation, e.g. SAC/SPA/Ramsar/SSSI?		There is no connectivity between the proposal and any of Orkney's international and national designations. Its development is therefore unlikely to have any effect on their qualifying interests or their integrity.	0	N/A	0
To what extent will the proposal affect any locally important designations such as LNRs or LNCSs.		The proposal is remote from any of Orkney's locally important designations and its development is unlikely to have any effect on their integrity.	0	N/A	0
To what extent will the proposal affect non designated features – e.g. trees, TPOs, hedges, woodland, species rich grasslands,		Proposal is unlikely to affect any non-designated features as it is currently improved grassland.	0	N/A	0

To what extent will the proposal affect Protected Species –e.g. bats, otters, etc.?		The proposal is unlikely to affect protected species.	0	N/A	0
How will habitat connectivity or wildlife corridors be affected by the proposal – will it result in habitat fragmentation or greater connectivity?		Vegetation on site is improved grassland and has limited ecological value.	0	N/A	0
<b>Water</b>					
Could the option result in a change of status of a water body or significantly affect a designated water body as identified in the Scotland River Basin Management Plan? Can the proposal connect to the public foul sewer?	Water	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria..	0	N/A	0
Could the proposal have a direct impact on the water environment (for example result in the need for watercourse crossings or allow the de-culverting of a watercourse?)	Water	Uncertain - records indicate the presence of a well on site – groundwater may be close to surface.	?	The settlement statement highlights the presence of the well.	0
Does the proposal avoid impact on Groundwater Dependent Terrestrial Ecosystems (GWDTEs), i.e. are there any wetlands and boggy areas on the site?	Water and Biodiversity, Fauna and Flora	No GWDTEs on site.	0	N/A	0
For large scale developments are there any private or public water supplies within 250m of the proposal which may be affected?	Water and Human Health	No.	0	N/A	0
<b>Soils</b>					
Is the proposal on greenfield or brownfield	Material Assets	The site is on greenfield land which is classed as 6 <sub>2</sub> Land capable of use as	0	N/A	0

land? Does it result in the loss of high quality agricultural land?	and Soils	rough grazing.			
Are there any contaminated soil issues on the proposal and if so, will the option reduce contamination?	Material Assets and Soils	No.	0	N/A	0
Is the proposal on peatland and could the development of the site lead to a loss of peat?	Climatic Factors and Soils	No.	0	N/A	0
<b>Geology</b>					
Are there any national geodiversity sites that could be affected by the proposal?		No.	0	N/A	0
Are there any local geodiversity sites or wider geodiversity interests that could be affected by the proposal?		No.	0	N/A	0
<b>Landscape</b>					
To what extent will any designated sites be affected – including NSAs and local landscape designations?	Landscape	The site is located within the Hoy and West Mainland NSA.	?	The settlement statement notes that Stromness is within the NSA and also notes that the steep gradient is likely to be a significant factor in the design of proposals.	0
Does the proposal ensure that development does not exceed the capacity of the landscape to accommodate it? Such as current settlement boundaries, existing townscape and character of surrounding area?	Landscape	The site is within the Stromness town boundary.	?		0
To what extent will the proposal affect features of landscape interest, including the distinctive character of the landscape and the qualities of wild land?	landscape	The Orkney Landscape Character Assessment (1998) classifies this area as Coastal Granite Pastures and notes that the sound and smell of the sea and the bustle of Stromness harbour are	?	New development should comply with Policy 9 <i>Natural Environment and</i>	0

		important facets in the character of the area.		<i>Landscape.</i> Policy 2 <i>Design</i> includes a set of fundamental principles with which all development should comply.  Further guidance is provided in the Development Brief.	
<b>Cultural Heritage</b>					
Is development of the proposal likely to affect any scheduled monuments or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any locally important archaeological site?	Cultural heritage, & links with landscape	There is a stone-built covered well on site.	?	The settlement statement requires the well to be retained in any development.	0
Is development of the proposal likely to affect any listed buildings and/or their setting?	Cultural heritage, & links with landscape	22 North End Road is a listed building.	?	The settlement statement requires development of this allocation to avoid impact on the setting of the listed building.	0
Is development of the proposal likely to affect any Conservation Areas? (e.g. will it result in the demolition of any buildings)	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any Inventory Garden and Designed	Cultural	No.	0	N/A	0

Landscape?	heritage, & links with landscape				
Is development of the proposal likely to affect the Heart of Neolithic Orkney World Heritage Site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to result in the opportunity to enhance or improve access to the historic environment?	Cultural heritage, & links with landscape	Unlikely.	0	N/A	0
<b>Service Infrastructure</b>					
Are there educational or health facilities nearby?	Population	There is both a primary and secondary school in Stromness and the International Centre for Island Technology (a part of Heriot-Watt University) is also based in the town. Health facilities include a medical practice and a dental practice, as well as a swimming pool and fitness suite.	+	N/A	+
To what extent will the proposal affect the quality and quantity of open space and connectivity and accessibility to open space, or result in a loss of open space?	Population, human health or material assets	Development of the proposal would not affect open space.	0	N/A	0
To what extent will development of the proposal affect core path links or other key access networks such as cycle paths, coastal paths and rights of way?	Population, human health, material assets or climatic factors	Development of the proposal would not affect core path links or other key access networks.	0	N/A	0
Is there any opportunity to enhance the green network through for example green infrastructure on site?	Population, human health or material assets	Uncertain.	?	The North End Development Brief provides suggestions on how to incorporate green infrastructure	+

				which would also improve shelter provision on site. Further guidance is available in the Orkney Open Space Strategy.	
<b>Material assets</b>					
Will development of the proposal minimise demand on primary resources e.g. does it re-use an existing structure or recycle or recover existing on-site materials / resources?		New development will link into existing infrastructure and services.	0	N/A	0
Is the proposal in the vicinity of a waste management site and could its development therefore compromise the waste handling operation?	Human health	No.	0	N/A	0
<b>Deliverability/sustainability constraints</b>					
Will the proposal be delivered within the LDP timeframe? Are there any site servicing constraints, e.g. waste water treatment capacity?	Material assets	There is currently capacity at Stromness waste water treatment works; however, should demands exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria.	0	N/A	0
Are there any vehicular access constraints or opportunities - is the road network capable of accommodating traffic generated?	Material assets and climatic factors	There are steep gradients in parts of the site.	?	The settlement statement notes that the steep gradient is likely to be a significant factor in the design of development proposals.  It requires proposals to	0

				provide multiple vehicular and pedestrian access opportunities to North End Road and Back Road.	
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<b>STROMNESS</b>	<b>Source of site suggestion:</b> Brought forward from Orkney LDP 2014.		<b>Summary Description:</b> Identified as Site STR-C in the Orkney LDP 2014		
<b>STR-10</b>	<b>Site Size (ha):</b> 1.3	<b>Current Use:</b> Agriculture	Identified as Site 8 in the MIR 2015. Short term housing allocation.		

Site assessment question	Related SEA topic	Comment Information available – GIS/site visit?	Scoring pre mitigation	Mitigation	Scoring post mitigation
<b>Climate change</b>					
Is the proposal close to a range of facilities? Can these be accessed by public transport?	Population and Human health	The site is within 15 minutes walking distance of Stromness Primary School and Stromness Academy, as well as a number of shops and services. It is also within walking distance of the bus stop for the X1 service which links Stromness with Kirkwall and St Margaret's Hope.	+	N/A	+
Is the proposal protected from prevailing winds?		The site slopes towards the east and is sheltered from westerly winds.	+	Policy 2 <i>Design</i> requires new development to demonstrate how it	+
Site aspect – does the proposal make best use		The site has an easterly aspect and	+		+

of solar gain?		benefits most from solar gain during the morning and early afternoon.		will minimise use of energy and maximise opportunities for shelter.	
Is the proposal thought to be at risk of flooding or could its development result in additional flood risk elsewhere?	Water and Human Health	This is a steeply sloping site above an existing developed area. There are records of flooding nearby, although not on site.	0	N/A	0
Could the development of the proposal help alleviate any existing flooding problems in the area?	Water	Unlikely.	0	N/A	0
<b>Biodiversity, Flora and Fauna</b>					
To what extent will the proposal affect any international or national biodiversity designation, e.g. SAC/SPA/Ramsar/SSSI?		There is no connectivity between the proposal and any of Orkney's international and national designations. Its development is therefore unlikely to have any effect on their qualifying interests or their integrity.	0	N/A	0
To what extent will the proposal affect any locally important designations such as LNRs or LNCSs.		The proposal is located adjacent to the Brinkie's Brae Local Nature Conservation Site (LNCS), a granite hilltop covered in heather moorland and semi-natural grassland.	?	Policy 9 <i>Natural Environment and Landscape</i> provides the relevant policy requirements.	0
To what extent will the proposal affect non designated features – e.g. trees, TPOs, hedges, woodland, species rich grasslands,		Proposal is unlikely to affect any non-designated features as it is currently improved grassland.	0	N/A	0
To what extent will the proposal affect Protected Species –e.g. bats, otters, etc.?		The proposal is unlikely to affect protected species.	0	N/A	0

How will habitat connectivity or wildlife corridors be affected by the proposal – will it result in habitat fragmentation or greater connectivity?		Vegetation on site is improved grassland and has limited ecological value.	0	N/A	0
<b>Water</b>					
Could the option result in a change of status of a water body or significantly affect a designated water body as identified in the Scotland River Basin Management Plan?  Can the proposal connect to the public foul sewer?	Water	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria.	0	N/A	0
Could the proposal have a direct impact on the water environment (for example result in the need for watercourse crossings or allow the de-culverting of a watercourse?)	Water	No.	0	N/A	0
Does the proposal avoid impact on Groundwater Dependent Terrestrial Ecosystems (GWDTEs), i.e. are there any wetlands and boggy areas on the site?	Water and Biodiversity, Fauna and Flora	No GWDTEs on site.	0	N/A	0
For large scale developments are there any private or public water supplies within 250m of the proposal which may be affected?	Water and Human Health	No.	0	N/A	0
<b>Soils</b>					
Is the proposal on greenfield or brownfield land?  Does it result in the loss of high quality agricultural land?	Material Assets and Soils	The site is on greenfield land which is classed as 6 <sub>2</sub> Land capable of use as rough grazing.	0	N/A	0
Are there any contaminated soil issues on the	Material Assets	No.	0	N/A	0

proposal and if so, will the option reduce contamination?	and Soils				
Is the proposal on peatland and could the development of the site lead to a loss of peat?	Climatic Factors and Soils	No.	0	N/A	0
<b>Geology</b>					
Are there any national geodiversity sites that could be affected by the proposal?		No.	0	N/A	0
Are there any local geodiversity sites or wider geodiversity interests that could be affected by the proposal?		No.	0	N/A	0
<b>Landscape</b>					
To what extent will any designated sites be affected – including NSAs and local landscape designations?	Landscape	The site is located within the Hoy and West Mainland NSA.	?	The settlement statement highlights that Stromness is within the NSA.	0
Does the proposal ensure that development does not exceed the capacity of the landscape to accommodate it? Such as current settlement boundaries, existing townscape and character of surrounding area?	Landscape	The site is within the Stromness town boundary.	?	New development should comply with Policy 9 <i>Natural Environment and Landscape</i> .	0
To what extent will the proposal affect features of landscape interest, including the distinctive character of the landscape and the qualities of wild land?	landscape	The Orkney Landscape Character Assessment (1998) classifies this area as Coastal Granite Pastures and notes that the sound and smell of the sea and the bustle of Stromness harbour are important facets in the character of the area.	?	Policy 2 <i>Design</i> includes a set of fundamental principles with which all development should comply.	0
<b>Cultural Heritage</b>					

Is development of the proposal likely to affect any scheduled monuments or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any locally important archaeological site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any listed buildings and/or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any Conservation Areas? (e.g. will it result in the demolition of any buildings)	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any Inventory Garden and Designed Landscape?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect the Heart of Neolithic Orkney World Heritage Site?	Cultural heritage, & links with landscape	The site is located on a sensitive ridgeline for the Heart of Neolithic Orkney World Heritage Site.	?	The settlement statement notes that the site is located on a sensitive ridgeline for the Heart of Neolithic Orkney World Heritage Site.	0
Is development of the proposal likely to result in the opportunity to enhance or improve access to the historic environment?	Cultural heritage, & links with landscape	Unlikely.	0	N/A	0
<b>Service Infrastructure</b>					
Are there educational or health facilities	Population	There is both a primary and secondary school in Stromness and the	+	N/A	+

nearby?		International Centre for Island Technology (a part of Heriot-Watt University) is also based in the town. Health facilities include a medical practice and a dental practice, as well as a swimming pool and fitness suite.			
To what extent will the proposal affect the quality and quantity of open space and connectivity and accessibility to open space, or result in a loss of open space?	Population, human health or material assets	Development of the proposal will not affect open space.	0	N/A	0
To what extent will development of the proposal affect core path links or other key access networks such as cycle paths, coastal paths and rights of way?	Population, human health, material assets or climatic factors	The site straddles Downie's Lane which forms part of Core Path WM 32.	+	Policy 10 <i>Green Infrastructure</i> promotes improvements to public access and permeability.	+
Is there any opportunity to enhance the green network through for example green infrastructure on site?	Population, human health or material assets	Uncertain.	?	Further guidance is available in the Orkney Open Space Strategy.	?
<b>Material assets</b>					
Will development of the proposal minimise demand on primary resources e.g. does it re-use an existing structure or recycle or recover existing on-site materials / resources?		New development will link into existing infrastructure and services.	0	N/A	0
Is the proposal in the vicinity of a waste management site and could its development therefore compromise the waste handling operation?	Human health	No.	0	N/A	0
<b>Deliverability/sustainability constraints</b>					
Will the proposal be delivered within the LDP	Material assets	There is currently capacity at Stromness	0	Information and	0

timeframe? Are there any site servicing constraints, e.g. waste water treatment capacity?		waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria. A 3" PVC water main runs alongside the road which runs through this site. The developer should contact Scottish Water as early as possible to discuss how this asset could impact on the development of this site.		advice relating to the PVC water main is included in the settlement statement.	
Are there any vehicular access constraints or opportunities - is the road network capable of accommodating traffic generated?	Material assets and climatic factors	There are no known vehicular access constraints.	0	N/A	0

<b>STROMNESS</b>	<b>Source of site suggestion:</b> Brought forward from Orkney LDP 2014.		<b>Summary Description:</b> Identified as part of Site STR-N in the Orkney LDP 2014.		
<b>STR- 11</b>	<b>Site Size (ha):</b> 1.0	<b>Current Use:</b> Agriculture	Site 11 in the MIR 2015. Long term housing allocation.		
<b>Site assessment question</b>	<b>Related SEA topic</b>	<b>Comment</b> <b>Information available – GIS/site visit?</b>	<b>Scoring pre mitigation</b>	<b>Mitigation</b>	<b>Scoring post mitigation</b>
<b>Climate change</b>					
Is the proposal close to a range of facilities?	Population and	The site is within 15-20 minutes walking range of Stromness Primary School and	+	N/A	+

Can these be accessed by public transport?	Human health	Stromness Academy, as well as a number of shops.			
Is the proposal protected from prevailing winds?		Brinkie's Brae provides a degree of shelter from north-easterly winds.	+	Policy 2 <i>Design</i> requires new development to demonstrate how it will minimise use of energy and maximise opportunities for shelter.	+
Site aspect – does the proposal make best use of solar gain?		The site has a relatively open aspect and benefits from the sun for much of the day.	+		+
Is the proposal thought to be at risk of flooding or could its development result in additional flood risk elsewhere?	Water and Human Health	No.	0	N/A	0
Could the development of the proposal help alleviate any existing flooding problems in the area?	Water	Unlikely.	0	N/A	0
<b>Biodiversity, Flora and Fauna</b>					
To what extent will the proposal affect any international or national biodiversity designation, e.g. SAC/SPA/Ramsar/SSSI?		There is no connectivity between the proposal and any of Orkney's international and national designations. Its development is therefore unlikely to have any effect on their qualifying interests or their integrity.	0	N/A	0
To what extent will the proposal affect any locally important designations such as LNRs or LNCSSs.		The proposal is remote from any of Orkney's locally important designations and its development is unlikely to have any effect on their integrity.	0	N/A	0
To what extent will the proposal affect non designated features – e.g. trees, TPOs, hedges, woodland, species rich grasslands,		Proposal is unlikely to affect any non-designated features as it is currently improved grassland.	0	N/A	0

To what extent will the proposal affect Protected Species –e.g. bats, otters, etc.?		The proposal is unlikely to affect protected species.	0	N/A	0
How will habitat connectivity or wildlife corridors be affected by the proposal – will it result in habitat fragmentation or greater connectivity?		Vegetation on site is improved grassland and has limited ecological value.	0	N/A	0
<b>Water</b>					
Could the option result in a change of status of a water body or significantly affect a designated water body as identified in the Scotland River Basin Management Plan? Can the proposal connect to the public foul sewer?	Water	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria..	0	N/A	0
Could the proposal have a direct impact on the water environment (for example result in the need for watercourse crossings or allow the de-culverting of a watercourse?)	Water	No.	0	N/A	0
Does the proposal avoid impact on Groundwater Dependent Terrestrial Ecosystems (GWDTEs), i.e. are there any wetlands and boggy areas on the site?	Water and Biodiversity, Fauna and Flora	There may be wetland areas on the site.	?	The settlement statement notes that a low density of development is considered appropriate in order to avoid wetter areas	0
For large scale developments are there any private or public water supplies within 250m of the proposal which may be affected?	Water and Human Health	No.	0	N/A	0
<b>Soils</b>					

Is the proposal on greenfield or brownfield land? Does it result in the loss of high quality agricultural land?	Material Assets and Soils	The site is on greenfield land which is classed as 6 <sub>2</sub> Land capable of rough grazing only.	0	N/A	0
Are there any contaminated soil issues on the proposal and if so, will the option reduce contamination?	Material Assets and Soils	No.	0	N/A	0
Is the proposal on peatland and could the development of the site lead to a loss of peat?	Climatic Factors and Soils	No.	0	N/A	0
<b>Geology</b>					
Are there any national geodiversity sites that could be affected by the proposal?		No.	0	N/A	0
Are there any local geodiversity sites or wider geodiversity interests that could be affected by the proposal?		This area is underlain by granite which may outcrop in places where the soil cover is particularly thin.	?	The settlement statement notes that a low density of development is considered appropriate in order to avoid granite outcrops	0
<b>Landscape</b>					
To what extent will any designated sites be affected – including NSAs and local landscape designations?	Landscape	The site is located within the Hoy and West Mainland NSA.	?	The settlement statement highlights that Stromness is within the NSA and recommends a low density pattern of development is considered	0
Does the proposal ensure that development does not exceed the capacity of the landscape to accommodate it? Such as current settlement boundaries, existing townscape and	Landscape	The proposal is located within the settlement boundary in an area described by the Stromness Urban Design Framework as a fifth tier area. The UDF advises that in these areas the	?		0

character of surrounding area?		overriding principle is to avoid high density field filling, instead encouraging scattered development forms.		appropriate	
To what extent will the proposal affect features of landscape interest, including the distinctive character of the landscape and the qualities of wild land?	landscape	<p>The Stromness UDF describes this area as more rural than urban. Features of landscape interest include outcrops of the underlying granite bedrock.</p> <p>The Orkney Landscape Character Assessment (1998) classifies this area as Coastal Granite Pastures and notes that the sound and smell of the sea and the bustle of Stromness harbour are important facets in the character of the area. Granite stone walls are also a feature of this area.</p>	?	<p>New development should comply with Policy 9 <i>Natural Environment and Landscape</i>.</p> <p>Policy 2 <i>Design</i> includes a set of fundamental principles with which all development should comply.</p> <p>The statement also requires stone-built structures on the site to be retained within any development.</p>	0
<b>Cultural Heritage</b>					
Is development of the proposal likely to affect any scheduled monuments or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any locally important archaeological site?	Cultural heritage, & links with landscape	There are a number of stone-built traditional structures on the site which have historic and architectural merit.	0	The statement requires stone-built structures on the site to be retained within any development.	0
Is development of the proposal likely to affect any listed buildings and/or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0

Is development of the proposal likely to affect any Conservation Areas? (e.g. will it result in the demolition of any buildings)	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any Inventory Garden and Designed Landscape?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect the Heart of Neolithic Orkney World Heritage Site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to result in the opportunity to enhance or improve access to the historic environment?	Cultural heritage, & links with landscape	Unlikely.	0	N/A	0
<b>Service Infrastructure</b>					
Are there educational or health facilities nearby?	Population	There is both a primary and secondary school in Stromness and the International Centre for Island Technology (a part of Heriot-Watt University) is also based in the town. Health facilities include a medical practice and a dental practice, as well as a swimming pool and fitness suite.	+	N/A	+
To what extent will the proposal affect the quality and quantity of open space and connectivity and accessibility to open space, or result in a loss of open space?	Population, human health or material assets	Development of the site would not affect open space.	0	N/A	0

To what extent will development of the proposal affect core path links or other key access networks such as cycle paths, coastal paths and rights of way?	Population, human health, material assets or climatic factors	The site is adjacent to core path Wm31.	+	Policy 10 <i>Green Infrastructure</i> promotes improvements to public access and permeability.	+
Is there any opportunity to enhance the green network through for example green infrastructure on site?	Population, human health or material assets	Uncertain.	?	Further guidance is available in the Orkney Open Space Strategy.	?
<b>Material assets</b>					
Will development of the proposal minimise demand on primary resources e.g. does it re-use an existing structure or recycle or recover existing on-site materials / resources?		New development will link into existing infrastructure and services.	0	N/A	0
Is the proposal in the vicinity of a waste management site and could its development therefore compromise the waste handling operation?	Human health	No.	0	N/A	0
<b>Deliverability/sustainability constraints</b>					
Will the proposal be delivered within the LDP timeframe? Are there any site servicing constraints, e.g. waste water treatment capacity?	Material assets	There is currently capacity at Stromness waste water treatment works; however, should demands exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria.	0	N/A	0
Are there any vehicular access constraints or opportunities - is the road network capable of accommodating traffic generated?	Material assets and climatic factors	Road improvements will be required on the Brownstown Road before any development can be permitted.	--	The settlement statement notes that improvements to the road and provision of pedestrian access	0

				to the town centre are a prerequisite of development on this allocation.	
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<b>STROMNESS</b>	<b>Source of site suggestion:</b> Brought forward from Orkney LDP 2014.		<b>Summary Description:</b> Identified as part of Site STR-N in the Orkney LDP 2014.		
<b>STR- 12</b>	<b>Site Size (ha): 1.6</b>	<b>Current Use:</b> Part of the site is managed as a community garden.	<p>Site is located at the western edge of the current Stromness boundary, where the SW of the site forms part of STR-N and the NE is classified as open space.</p> <p>In both options 1 and 2 the open space classification has been amended and part of the area is now identified as a site for immediate housing.</p> <p>Identified as Site 9 in the MIR 2015.</p> <p>Long term housing allocation.</p>		
<b>Site assessment question</b>	<b>Related SEA topic</b>	<b>Comment</b> <b>Information available – GIS/site visit?</b>	<b>Scoring pre mitigation</b>	<b>Mitigation</b>	<b>Scoring post mitigation</b>
<b>Climate change</b>					
Is the proposal close to a range of facilities? Can these be accessed by public transport?	Population and Human health	The site is within 15-20 minutes walking range of Stromness Primary School and Stromness Academy, as well as a number of shops.	+	N/A	+

Is the proposal protected from prevailing winds?		Brinkie's Brae provides shelter from northerly winds; however site is fairly open to the west,	+	Policy 2 <i>Design</i> requires new development to demonstrate how it will minimise use of energy and maximise opportunities for shelter.	+
Site aspect – does the proposal make best use of solar gain?		Yes, site is relatively open and can make best use of solar gain.	+		+
Is the proposal thought to be at risk of flooding or could its development result in additional flood risk elsewhere?	Water and Human Health	In the north of the site a well, known locally as the Brownstown Haley Hole is located alongside the road at HY 24776 09314. Groundwater may be close to the surface and there is potential for development of this site to increase the risk of flooding elsewhere.	?	The settlement notes the presence of the well and the potential presence of groundwater close to the surface.	0
Could the development of the proposal help alleviate any existing flooding problems in the area?	Water	Unlikely.	0		0
<b>Biodiversity, Flora and Fauna</b>					
To what extent will the proposal affect any international or national biodiversity designation, e.g. SAC/SPA/Ramsar/SSSI?		There is no connectivity between the proposal and any of Orkney's international and national designations. Its development is therefore unlikely to have any effect on their qualifying interests or their integrity.	0	N/A	0
To what extent will the proposal affect any locally important designations such as LNRs or LNCSs.		Brinkie's Brae LNCS is located nearby; however there is no direct connection between site STR-12 and the LNCS.	0	N/A	0
To what extent will the proposal affect non designated features – e.g. trees, TPOs, hedges, woodland, species rich grasslands,		Development of site is unlikely to affect non-designated features.	0	N/A	0
To what extent will the proposal affect		Development of site is unlikely to affect protected species.	0	N/A	0

Protected Species –e.g. bats, otters, etc.?					
How will habitat connectivity or wildlife corridors be affected by the proposal – will it result in habitat fragmentation or greater connectivity?		Development of site is unlikely to affect habitat connectivity or wildlife corridors.	0	N/A	0
<b>Water</b>					
Could the option result in a change of status of a water body or significantly affect a designated water body as identified in the Scotland River Basin Management Plan?  Can the proposal connect to the public foul sewer?	Water	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria..	0	N/A	0
Could the proposal have a direct impact on the water environment (for example result in the need for watercourse crossings or allow the de-culverting of a watercourse?)	Water	Unlikely.	0	N/A	0
Does the proposal avoid impact on Groundwater Dependent Terrestrial Ecosystems (GWDTEs), i.e. are there any wetlands and boggy areas on the site?	Water and Biodiversity, Fauna and Flora	Groundwater may be close to the surface; therefore parts of the site may be relatively wet.	?	A low density of development is considered appropriate for this site.	0
For large scale developments are there any private or public water supplies within 250m of the proposal which may be affected?	Water and Human Health	In the north of the site a well, known locally as the Brownstown Haley Hole is located alongside the road at HY 24776 09314.	?	The settlement notes the presence of the well and requires it to be retained in any development.	0
<b>Soils</b>					
Is the proposal on greenfield or brownfield land?  Does it result in the loss of high quality	Material Assets and Soils	The site is on greenfield land; however it is classified as category 6 <sub>2</sub> , capable of use only as rough grazing.	0	N/A	0

agricultural land?					
Are there any contaminated soil issues on the proposal and if so, will the option reduce contamination?	Material Assets and Soils	No.	0	N/A	0
Is the proposal on peatland and could the development of the site lead to a loss of peat?	Climatic Factors and Soils	No.	0	N/A	0
<b>Geology</b>					
Are there any national geodiversity sites that could be affected by the proposal?		No.	0	N/A	0
Are there any local geodiversity sites or wider geodiversity interests that could be affected by the proposal?		In parts of the site, soil cover is thin with the underlying granite outcropping at the surface.	0	A low density of development is considered appropriate for this site.	0
<b>Landscape</b>					
To what extent will any designated sites be affected – including NSAs and local landscape designations?	Landscape	Stromness is within the Hoy and West Mainland NSA.	0	The settlement statement notes that Stromness is within the NSA and states that a low density of development is considered appropriate owing to the context of the site in the NSA and the prevalence of granite outcrops and the potential for wet areas.  New development should comply with Policy 9 <i>Natural Environment and</i>	0
Does the proposal ensure that development does not exceed the capacity of the landscape to accommodate it? Such as current settlement boundaries, existing townscape and character of surrounding area?	Landscape	Site is located within the Stromness town boundary; however the surrounding landscape is more rural than urban in nature.	?		
To what extent will the proposal affect features of landscape interest, including the distinctive character of the landscape and the qualities of wild land?	landscape	The Orkney Landscape Character Assessment (1998) classifies this area as Coastal Granite Pastures.  The site has an undulating topography with granite outcrops at the NE end of the	?		0

		site. There is no wild land in this area.		<i>Landscape.</i> Policy 2 <i>Design</i> includes a set of fundamental principles with which all development should comply	
<b>Cultural Heritage</b>					
Is development of the proposal likely to affect any scheduled monuments or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any locally important archaeological site?	Cultural heritage, & links with landscape	In the north of the site a well, known locally as the Brownstown Haley Hole is located alongside the road at HY 24776 09314.	?	The settlement highlights the presence of the well and requires it to be retained in any development.	0
Is development of the proposal likely to affect any listed buildings and/or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any Conservation Areas? (e.g. will it result in the demolition of any buildings)	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any Inventory Garden and Designed Landscape?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect the Heart of Neolithic Orkney World Heritage Site?	Cultural heritage, & links with	No.	0	N/A	0

	landscape				
Is development of the proposal likely to result in the opportunity to enhance or improve access to the historic environment?	Cultural heritage, & links with landscape	No.	0	N/A	0
<b>Service Infrastructure</b>					
Are there educational or health facilities nearby?	Population	There is both a primary and secondary school in Stromness and the International Centre for Island Technology (a part of Heriot-Watt University) is also based in the town. Health facilities include a medical practice and a dental practice, as well as a swimming pool and fitness suite.	+	N/A	+
To what extent will the proposal affect the quality and quantity of open space and connectivity and accessibility to open space, or result in a loss of open space?	Population, human health or material assets	Site includes the recently established Community Garden.	?	The settlement statement notes that part of the site is currently in use as a community garden.	0
To what extent will development of the proposal affect core path links or other key access networks such as cycle paths, coastal paths and rights of way?	Population, human health, material assets or climatic factors	Core paths Wm 31 and 32 are nearby.	+	Policy 10 <i>Green Infrastructure</i> promotes improvements to public access and permeability.	+
Is there any opportunity to enhance the green network through for example green infrastructure on site?	Population, human health or material assets	The site has an undulating topography with granite outcrops at the NE end of the site. This area would be difficult to develop.	?	Recommend that the NE end of the site with the granite outcrops should be included in green infrastructure / open space.  The settlement statement proposes a low density pattern of	0

				development.	
<b>Material assets</b>					
Will development of the proposal minimise demand on primary resources e.g. does it re-use an existing structure or recycle or recover existing on-site materials / resources?		New development will link into existing infrastructure and services.	0	N/A	0
Is the proposal in the vicinity of a waste management site and could its development therefore compromise the waste handling operation?	Human health	No.	0	N/A	0
<b>Deliverability/sustainability constraints</b>					
Will the proposal be delivered within the LDP timeframe? Are there any site servicing constraints, e.g. waste water treatment capacity?	Material assets	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria.	0	N/A	0
Are there any vehicular access constraints or opportunities - is the road network capable of accommodating traffic generated?	Material assets and climatic factors	Road improvements will be required on the Brownstown Road before any development can be permitted.  Provision should be made for direct vehicular access to allocation STR-13 and for pedestrian access to the adjacent Marwick Playing Field.	--	The settlement statement notes that improvements to the road and the provision of pedestrian access to the town centre and the Marwick Playing Field are prerequisites of development of this allocation.	0

<b>STROMNESS</b>	<b>Source of site suggestion:</b> Brought forward from Orkney LDP 2014.		<b>Summary Description:</b> Identified as Site STR-F in the Orkney LDP 2014		
<b>STR-13</b>	<b>Site Size (ha):</b> 1.0	<b>Current Use:</b> Agriculture	Identified as Site 10 in the MIR 2015.  Long term housing allocation		
<b>Site assessment question</b>	<b>Related SEA topic</b>	<b>Comment</b> <b>Information available – GIS/site visit?</b>	<b>Scoring pre mitigation</b>	<b>Mitigation</b>	<b>Scoring post mitigation</b>
<b>Climate change</b>					
Is the proposal close to a range of facilities? Can these be accessed by public transport?	Population and Human health	The site is within 15-20 minutes walking range of Stromness Primary School and Stromness Academy, as well as a number of shops.	+	N/A	+
Is the proposal protected from prevailing winds?		Brinkie's Brae provides a degree of shelter from north-easterly winds.	+	Policy 2 <i>Design</i> requires new development to demonstrate how it will minimise use of energy and maximise opportunities for shelter.	+
Site aspect – does the proposal make best use of solar gain?		The site has a relatively open aspect and benefits from the sun for much of the day.	+		+
Is the proposal thought to be at risk of flooding or could its development result in additional flood risk elsewhere?	Water and Human Health	A ditch/ burn runs along the north-eastern boundary of the site before flowing into a culvert at the downstream end of the site. Flooding issues have been reported in the past to downstream areas as a result of blockage or surcharging of the culvert (and possibly	?	The settlement statement highlights the possible requirement for a Flood Risk Assessment to	0

		other culverts in the vicinity of the site). Most of the site is much higher than the burn but if development is proposed on lowest land adjacent to the burn, a FRA may be required.		establish the potential for the adjacent burn to flood the site and for development of this site to contribute to flood risk elsewhere.	
Could the development of the proposal help alleviate any existing flooding problems in the area?	Water	Development of the site should ensure a neutral or better effect on the existing situation. There may be opportunity to improve situation.	?		0
<b>Biodiversity, Flora and Fauna</b>					
To what extent will the proposal affect any international or national biodiversity designation, e.g. SAC/SPA/Ramsar/SSSI?		There is no connectivity between the proposal and any of Orkney's international and national designations. Its development is therefore unlikely to have any effect on their qualifying interests or their integrity.	0	N/A	0
To what extent will the proposal affect any locally important designations such as LNRs or LNCSs.		The proposal is remote from any of Orkney's locally important designations and its development is unlikely to have any effect on their integrity.	0	N/A	0
To what extent will the proposal affect non designated features – e.g. trees, TPOs, hedges, woodland, species rich grasslands,		Proposal is unlikely to affect any non-designated features as it is currently improved grassland.	0	N/A	0
To what extent will the proposal affect Protected Species –e.g. bats, otters, etc.?		The proposal is unlikely to affect protected species.	0	N/A	0
How will habitat connectivity or wildlife corridors be affected by the proposal – will it result in habitat fragmentation or greater connectivity?		Vegetation on site is improved grassland and has limited ecological value.	0	N/A	0

<b>Water</b>					
<p>Could the option result in a change of status of a water body or significantly affect a designated water body as identified in the Scotland River Basin Management Plan?</p> <p>Can the proposal connect to the public foul sewer?</p>	Water	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria..	0	N/A	0
<p>Could the proposal have a direct impact on the water environment (for example result in the need for watercourse crossings or allow the de-culverting of a watercourse?)</p>	Water	A ditch / burn runs along the north-eastern boundary of the site before flowing into a culvert at the downstream end of the site.	?	The settlement highlights the presence of the burn.	0
<p>Does the proposal avoid impact on Groundwater Dependent Terrestrial Ecosystems (GWDTEs), i.e. are there any wetlands and boggy areas on the site?</p>	Water and Biodiversity, Fauna and Flora	No.	0	N/A	0
<p>For large scale developments are there any private or public water supplies within 250m of the proposal which may be affected?</p>	Water and Human Health	No.	0	N/A	0
<b>Soils</b>					
<p>Is the proposal on greenfield or brownfield land?</p> <p>Does it result in the loss of high quality agricultural land?</p>	Material Assets and Soils	The site is on greenfield land; however it is classified as category 6 <sub>2</sub> , capable of use only as rough grazing.	0	N/A	0
<p>Are there any contaminated soil issues on the proposal and if so, will the option reduce contamination?</p>	Material Assets and Soils	No.	0	N/A	0
<p>Is the proposal on peatland and could the</p>	Climatic Factors	No.	0	N/A	0

development of the site lead to a loss of peat?	and Soils				
<b>Geology</b>					
Are there any national geodiversity sites that could be affected by the proposal?		No.	0	N/A	0
Are there any local geodiversity sites or wider geodiversity interests that could be affected by the proposal?		No.	0	N/A	0
<b>Landscape</b>					
To what extent will any designated sites be affected – including NSAs and local landscape designations?	Landscape	The site is located within the Hoy and West Mainland NSA.	?	The settlement statement notes that Stromness is within the NSA and states that a low density of development is considered appropriate owing to the context of the site in the NSA and the prevalence of granite outcrops and the potential for wet areas.	0
Does the proposal ensure that development does not exceed the capacity of the landscape to accommodate it? Such as current settlement boundaries, existing townscape and character of surrounding area?	Landscape	The site is within the Stromness town boundary.	?	New development should comply with Policy 9 <i>Natural Environment and Landscape</i> .	0
To what extent will the proposal affect features of landscape interest, including the distinctive character of the landscape and the qualities of wild land?	landscape	The Orkney Landscape Character Assessment (1998) classifies this area as Coastal Granite Pastures and notes that the sound and smell of the sea and the bustle of Stromness harbour are important facets in the character of the area.	?	Policy 2 <i>Design</i> includes a set of fundamental principles with	0

				which all development should comply.	
<b>Cultural Heritage</b>					
Is development of the proposal likely to affect any scheduled monuments or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any locally important archaeological site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any listed buildings and/or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any Conservation Areas? (e.g. will it result in the demolition of any buildings)	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any Inventory Garden and Designed Landscape?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect the Heart of Neolithic Orkney World Heritage Site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to result in the opportunity to enhance or improve access to the historic environment?	Cultural heritage, & links with landscape	Unlikely.	0	N/A	0
<b>Service Infrastructure</b>					
Are there educational or health facilities	Population	There is both a primary and secondary school in Stromness and the	+	N/A	+

nearby?		International Centre for Island Technology (a part of Heriot-Watt University) is also based in the town. Health facilities include a medical practice and a dental practice, as well as a swimming pool and fitness suite.			
To what extent will the proposal affect the quality and quantity of open space and connectivity and accessibility to open space, or result in a loss of open space?	Population, human health or material assets	The site is adjacent to the Marwick Playing Field which is classed as open space.	?	The settlement statement requires provision to be made for pedestrian access to the Marwick Playing Field.	0
To what extent will development of the proposal affect core path links or other key access networks such as cycle paths, coastal paths and rights of way?	Population, human health, material assets or climatic factors	Core Path Wm 31 is adjacent to SW boundary of the site.	+	Policy 10 <i>Green Infrastructure</i> promotes improvements to public access and permeability.	+
Is there any opportunity to enhance the green network through for example green infrastructure on site?	Population, human health or material assets	Uncertain.	?	Further guidance is available in the Orkney Open Space Strategy.	?
<b>Material assets</b>					
Will development of the proposal minimise demand on primary resources e.g. does it re-use an existing structure or recycle or recover existing on-site materials / resources?		New development will link into existing infrastructure and services.	0	N/A	0
Is the proposal in the vicinity of a waste management site and could its development therefore compromise the waste handling operation?	Human health	No.	0	N/A	0

Deliverability/sustainability constraints					
Will the proposal be delivered within the LDP timeframe? Are there any site servicing constraints, e.g. waste water treatment capacity?	Material assets	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria.	0	N/A	0
Are there any vehicular access constraints or opportunities - is the road network capable of accommodating traffic generated?	Material assets and climatic factors	Road improvements will be required on the Brownstown Road before any development can be permitted.  Provision should be made for direct vehicular access to STR-12 and for pedestrian access to the adjacent Marwick Playing Field.	--	The settlement statement notes that improvements to the road and the provision of pedestrian access to the town centre are prerequisites of development on this allocation.	0

<b>STROMNESS</b>	<b>Source of site suggestion:</b> Brought forward from Orkney LDP 2014.		<b>Summary Description:</b> Identified as part of Site STR-N in the Orkney LDP 2014.		
<b>STR-14</b>	<b>Site Size (ha):</b> 0.4	<b>Current Use:</b> Agriculture	Identified as Site 12 in the MIR 2015.  Short term housing allocation.		
<b>Site assessment question</b>	<b>Related SEA topic</b>	<b>Comment</b> <b>Information available – GIS/site visit?</b>	<b>Scoring pre mitigation</b>	<b>Mitigation</b>	<b>Scoring post mitigation</b>
Climate change					

Is the proposal close to a range of facilities? Can these be accessed by public transport?	Population and Human health	The site is within 15-20 minutes walking range of Stromness Primary School and Stromness Academy, as well as a number of shops.	+	N/A	+
Is the proposal protected from prevailing winds?		Brinkie's Brae provides a degree of shelter from north-easterly winds.	+	Policy 2 <i>Design</i> requires new development to demonstrate how it will minimise use of energy and maximise opportunities for shelter.	+
Site aspect – does the proposal make best use of solar gain?		The site has a relatively open aspect and benefits from the sun for much of the day.	+		+
Is the proposal thought to be at risk of flooding or could its development result in additional flood risk elsewhere?	Water and Human Health	The site is not considered to be at risk of flooding and its development is unlikely to increase flood risk elsewhere.	0	N/A	0
Could the development of the proposal help alleviate any existing flooding problems in the area?	Water	Unlikely.	0	N/A	0
<b>Biodiversity, Flora and Fauna</b>					
To what extent will the proposal affect any international or national biodiversity designation, e.g. SAC/SPA/Ramsar/SSSI?		There is no connectivity between the proposal and any of Orkney's international and national designations. Its development is therefore unlikely to have any effect on their qualifying interests or their integrity.	0	N/A	0
To what extent will the proposal affect any locally important designations such as LNRs or LNCSSs.		The proposal is remote from any of Orkney's locally important designations and its development is unlikely to have any effect on their integrity.	0	N/A	0

To what extent will the proposal affect non designated features – e.g. trees, TPOs, hedges, woodland, species rich grasslands,		Proposal is unlikely to affect any non-designated features as it is currently improved grassland.	0	N/A	0
To what extent will the proposal affect Protected Species –e.g. bats, otters, etc.?		The proposal is unlikely to affect protected species.	0	N/A	0
How will habitat connectivity or wildlife corridors be affected by the proposal – will it result in habitat fragmentation or greater connectivity?		Vegetation on site is improved grassland and has limited ecological value.	0	N/A	0
<b>Water</b>					
Could the option result in a change of status of a water body or significantly affect a designated water body as identified in the Scotland River Basin Management Plan? Can the proposal connect to the public foul sewer?	Water	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria..	0	N/A	0
Could the proposal have a direct impact on the water environment (for example result in the need for watercourse crossings or allow the de-culverting of a watercourse?)	Water	Drainage ditches along field boundaries are likely to require the installation of crossings or culverts; however the effects on the water environment are likely to be minor.	0	N/A	0
Does the proposal avoid impact on Groundwater Dependent Terrestrial Ecosystems (GWDTEs), i.e. are there any wetlands and boggy areas on the site?	Water and Biodiversity, Fauna and Flora	No.	0	N/A	0
For large scale developments are there any private or public water supplies within 250m of the proposal which may be affected?	Water and Human Health	No.	0	N/A	0

<b>Soils</b>					
Is the proposal on greenfield or brownfield land? Does it result in the loss of high quality agricultural land?	Material Assets and Soils	The site is on greenfield land which is classed as 6 <sub>2</sub> Land capable of rough grazing only..	0	N/A	0
Are there any contaminated soil issues on the proposal and if so, will the option reduce contamination?	Material Assets and Soils	No.	0	N/A	0
Is the proposal on peatland and could the development of the site lead to a loss of peat?	Climatic Factors and Soils	No.	0	N/A	0
<b>Geology</b>					
Are there any national geodiversity sites that could be affected by the proposal?		No.	0	N/A	0
Are there any local geodiversity sites or wider geodiversity interests that could be affected by the proposal?		This area is underlain by granite which may outcrop in places where the soil cover is particularly thin.	?	Granite outcrops may limit development potential on this site.	0
<b>Landscape</b>					
To what extent will any designated sites be affected – including NSAs and local landscape designations?	Landscape	The site is located within the Hoy and West Mainland NSA.	?	The settlement statement notes that Stromness is within the NSA and states that a low density of development is considered appropriate owing to the context of	0
Does the proposal ensure that development does not exceed the capacity of the landscape to accommodate it? Such as current settlement boundaries, existing townscape and character of surrounding area?	Landscape	The proposal is located within the settlement boundary in an area described by the Stromness Urban Design Framework as a fifth tier area. The UDF advises that in these areas the overriding principle is to avoid high	?		0

		density field filling, instead encouraging scattered development forms.		the site in the NSA and the prevalence of granite outcrops.	
To what extent will the proposal affect features of landscape interest, including the distinctive character of the landscape and the qualities of wild land?	landscape	<p>The Stromness UDF describes this area as more rural than urban. Features of landscape interest include outcrops of the underlying granite bedrock.</p> <p>The Orkney Landscape Character Assessment (1998) classifies this area as Coastal Granite Pastures and notes that the sound and smell of the sea and the bustle of Stromness harbour are important facets in the character of the area.</p>	?	<p>New development should comply with Policy 9 <i>Natural Environment and Landscape</i>.</p> <p>Policy 2 <i>Design</i> includes a set of fundamental principles with which all development should comply.</p>	0
<b>Cultural Heritage</b>					
Is development of the proposal likely to affect any scheduled monuments or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any locally important archaeological site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any listed buildings and/or their setting?	Cultural heritage, & links with landscape	Oglaby, its boundary walls and gatepiers are category C-listed and is located near to site 12.	?	The site statement requires development of this allocation to avoid impact on the setting of Oglaby.	0
Is development of the proposal likely to affect any Conservation Areas? (e.g. will it result in the demolition of any buildings)	Cultural heritage, & links with landscape	No.	0	N/A	0

Is development of the proposal likely to affect any Inventory Garden and Designed Landscape?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect the Heart of Neolithic Orkney World Heritage Site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to result in the opportunity to enhance or improve access to the historic environment?	Cultural heritage, & links with landscape	Unlikely.	0	N/A	0
<b>Service Infrastructure</b>					
Are there educational or health facilities nearby?	Population	There is both a primary and secondary school in Stromness and the International Centre for Island Technology (a part of Heriot-Watt University) is also based in the town. Health facilities include a medical practice and a dental practice, as well as a swimming pool and fitness suite.	+	N/A	+
To what extent will the proposal affect the quality and quantity of open space and connectivity and accessibility to open space, or result in a loss of open space?	Population, human health or material assets	Development of the site would not affect open space.	0	N/A	0
To what extent will development of the proposal affect core path links or other key access networks such as cycle paths, coastal paths and rights of way?	Population, human health, material assets or climatic factors	The site is adjacent to Core Path Wm 26.	+	Policy 10 <i>Green Infrastructure</i> promotes improvements to public access and permeability.	0
Is there any opportunity to enhance the green network through for example green infrastructure on site?	Population, human health or material assets	Uncertain.	?	Further guidance is available in the Orkney Open Space Strategy.	?

<b>Material assets</b>					
Will development of the proposal minimise demand on primary resources e.g. does it re-use an existing structure or recycle or recover existing on-site materials / resources?		New development will link into existing infrastructure and services.	0	N/A	0
Is the proposal in the vicinity of a waste management site and could its development therefore compromise the waste handling operation?	Human health	No.	0	N/A	0
<b>Deliverability/sustainability constraints</b>					
Will the proposal be delivered within the LDP timeframe? Are there any site servicing constraints, e.g. waste water treatment capacity?	Material assets	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria.	0	N/A	0
Are there any vehicular access constraints or opportunities - is the road network capable of accommodating traffic generated?	Material assets and climatic factors	There are no known vehicular access constraints.	0	N/A	0

<b>STROMNESS</b>	<b>Source of site suggestion:</b> Brought forward from Orkney LDP 2014.		<b>Summary Description:</b> Identified as part of Site STR-N in the Orkney LDP 2014.		
<b>STR- 15</b>	<b>Site Size (ha):</b> <b>0.3</b>	<b>Current Use:</b> Agriculture	Identified as Site 13 in the MIR 2015. Short term housing allocation with capacity for one house.		
<b>Site assessment question</b>	<b>Related SEA topic</b>	<b>Comment</b> <b>Information available – GIS/site visit?</b>	<b>Scoring pre mitigation</b>	<b>Mitigation</b>	<b>Scoring post mitigation</b>
<b>Climate change</b>					
Is the proposal close to a range of facilities? Can these be accessed by public transport?	Population and Human health	The site is within 15-20 minutes walking range of Stromness Primary School and Stromness Academy, as well as a number of shops.	+	N/A	+
Is the proposal protected from prevailing winds?		Brinkie's Brae provides a degree of shelter from northerly winds.	+	Policy 2 <i>Design</i> requires new development to demonstrate how it will minimise use of energy and maximise opportunities for shelter.	+
Site aspect – does the proposal make best use of solar gain?		The site has a relatively open aspect and benefits from the sun for much of the day.	+		+
Is the proposal thought to be at risk of flooding or could its development result in additional flood risk elsewhere?	Water and Human Health	The site is not considered to be at risk of flooding and its development is unlikely to increase flood risk elsewhere.	0	N/A	0
Could the development of the proposal help alleviate any existing flooding problems in the	Water	Unlikely.	0	N/A	0

area?					
<b>Biodiversity, Flora and Fauna</b>					
To what extent will the proposal affect any international or national biodiversity designation, e.g. SAC/SPA/Ramsar/SSSI?		There is no connectivity between the proposal and any of Orkney's international and national designations. Its development is therefore unlikely to have any effect on their qualifying interests or their integrity.	0	N/A	0
To what extent will the proposal affect any locally important designations such as LNRs or LNCSs.		The proposal is remote from any of Orkney's locally important designations and its development is unlikely to have any effect on their integrity.	0	N/A	0
To what extent will the proposal affect non designated features – e.g. trees, TPOs, hedges, woodland, species rich grasslands,		Proposal is unlikely to affect any non-designated features as it is currently improved grassland.	0	N/A	0
To what extent will the proposal affect Protected Species –e.g. bats, otters, etc.?		The proposal is unlikely to affect protected species.	0	N/A	0
How will habitat connectivity or wildlife corridors be affected by the proposal – will it result in habitat fragmentation or greater connectivity?		Vegetation on site is improved grassland and has limited ecological value.	0	N/A	0
<b>Water</b>					
Could the option result in a change of status of a water body or significantly affect a designated water body as identified in the Scotland River Basin Management Plan? Can the proposal connect to the public foul sewer?	Water	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria..	0	N/A	0

Could the proposal have a direct impact on the water environment (for example result in the need for watercourse crossings or allow the de-culverting of a watercourse?)	Water	Drainage ditches along field boundaries are likely to require the installation of crossings or culverts; however the effects on the water environment are likely to be minor.	0	N/A	0
Does the proposal avoid impact on Groundwater Dependent Terrestrial Ecosystems (GWDTEs), i.e. are there any wetlands and boggy areas on the site?	Water and Biodiversity, Fauna and Flora	There may be wetland areas on the site.	?	The settlement statement notes that there is capacity for only one house on this allocation.	0
For large scale developments are there any private or public water supplies within 250m of the proposal which may be affected?	Water and Human Health	No.	0	N/A	0
<b>Soils</b>					
Is the proposal on greenfield or brownfield land? Does it result in the loss of high quality agricultural land?	Material Assets and Soils	The site is on greenfield land which is classed as 6 <sub>2</sub> Land capable of rough grazing only.	0	N/A	0
Are there any contaminated soil issues on the proposal and if so, will the option reduce contamination?	Material Assets and Soils	No.	0	N/A	0
Is the proposal on peatland and could the development of the site lead to a loss of peat?	Climatic Factors and Soils	No.	0	N/A	0
<b>Geology</b>					
Are there any national geodiversity sites that could be affected by the proposal?		No.	0	N/A	0

Are there any local geodiversity sites or wider geodiversity interests that could be affected by the proposal?		This area is underlain by granite which may outcrop in places where the soil cover is particularly thin.	?	The settlement statement notes that there is capacity for only one house on this allocation.	0
<b>Landscape</b>					
To what extent will any designated sites be affected – including NSAs and local landscape designations?	Landscape	The site is located within the Hoy and West Mainland NSA.	?	The settlement statement notes that Stromness is within the NSA and states that a low density of development is considered appropriate owing to the context of the site in the NSA and the prevalence of granite outcrops and the potential for wet areas.	0
Does the proposal ensure that development does not exceed the capacity of the landscape to accommodate it? Such as current settlement boundaries, existing townscape and character of surrounding area?	Landscape	The proposal is located within the settlement boundary in an area described by the Stromness Urban Design Framework as a fifth tier area. The UDF advises that in these areas the overriding principle is to avoid high density field filling, instead encouraging scattered development forms	?	New development should comply with Policy 9 <i>Natural Environment and Landscape</i> .  Policy 2 <i>Design</i> includes a set of fundamental principles with which all development should comply.	0
To what extent will the proposal affect features of landscape interest, including the distinctive character of the landscape and the qualities of wild land?	landscape	The Stromness UDF describes this area as more rural than urban. Features of landscape interest include outcrops of the underlying granite bedrock.  The Orkney Landscape Character Assessment (1998) classifies this area as Coastal Granite Pastures and notes that the sound and smell of the sea and the bustle of Stromness harbour are important facets in the character of the area.	?		0

<b>Cultural Heritage</b>					
Is development of the proposal likely to affect any scheduled monuments or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any locally important archaeological site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any listed buildings and/or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any Conservation Areas? (e.g. will it result in the demolition of any buildings)	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any Inventory Garden and Designed Landscape?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect the Heart of Neolithic Orkney World Heritage Site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to result in the opportunity to enhance or improve access to the historic environment?	Cultural heritage, & links with landscape	Unlikely.	0	N/A	0
<b>Service Infrastructure</b>					
Are there educational or health facilities nearby?	Population	There is both a primary and secondary school in Stromness and the International Centre for Island Technology (a part of Heriot-Watt University) is also based in the town. Health facilities include a medical	+	N/A	+

		practice and a dental practice, as well as a swimming pool and fitness suite.			
To what extent will the proposal affect the quality and quantity of open space and connectivity and accessibility to open space, or result in a loss of open space?	Population, human health or material assets	Development of the proposal would not affect open space.	0	N/A	0
To what extent will development of the proposal affect core path links or other key access networks such as cycle paths, coastal paths and rights of way?	Population, human health, material assets or climatic factors	The site is adjacent to core path Wm29	+	Policy 10 <i>Green Infrastructure</i> promotes improvements to public access and permeability.	+
Is there any opportunity to enhance the green network through for example green infrastructure on site?	Population, human health or material assets	Uncertain.	?	Guidance is available in the Orkney Open Space Strategy.	?
<b>Material assets</b>					
Will development of the proposal minimise demand on primary resources e.g. does it re-use an existing structure or recycle or recover existing on-site materials / resources?		New development will link into existing infrastructure and services.	0	N/A	0
Is the proposal in the vicinity of a waste management site and could its development therefore compromise the waste handling operation?	Human health	No.	0	N/A	0
<b>Deliverability/sustainability constraints</b>					
Will the proposal be delivered within the LDP timeframe? Are there any site servicing constraints, e.g. waste water treatment capacity?	Material assets	There is currently capacity at Stromness waste water treatment works; however, should demands exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria.	0	N/A	0

Are there any vehicular access constraints or opportunities - is the road network capable of accommodating traffic generated?	Material assets and climatic factors	There are no known vehicular access constraints.	0	N/A	0
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<b>STROMNESS</b>	<b>Source of site suggestion:</b> LDP review. Landowner yet to be consulted.		<b>Summary Description:</b> In the current LDP the Site 14 is classed as open space. It is located between the Croval Road and the Back Road.		
<b>STR-16</b>	<b>Site Size (ha):</b> 2.7	<b>Current Use:</b> agriculture	Site 14 is included in both options 1 and 2.  Identified as Site 14 in the MIR 2015.  Short term housing allocation.		
<b>Site assessment question</b>	<b>Related SEA topic</b>	<b>Comment</b> <b>Information available – GIS/site visit?</b>	<b>Scoring pre mitigation</b>	<b>Mitigation</b>	<b>Scoring post mitigation</b>
<b>Climate change</b>					
Is the proposal close to a range of facilities? Can these be accessed by public transport?	Population and Human health	The site is within 15-20 minutes walking range of Stromness Primary School and Stromness Academy, as well as a number of shops.	+	N/A	+
Is the proposal protected from prevailing winds?		No, site is relatively exposed.	-	Policy 2 <i>Design</i> requires new development to demonstrate how it will minimise use of energy and maximise opportunities for shelter.	0
Site aspect – does the proposal make best use of solar gain?		Yes the site has an open aspect.	+		+

Is the proposal thought to be at risk of flooding or could its development result in additional flood risk elsewhere?	Water and Human Health	The site is not considered to be at risk of flooding; however it is upslope from areas with past flooding problems.	0	The settlement statement requires a Flood Risk Assessment to be undertaken to establish the potential for development of this site to contribute to flood risk elsewhere.	0
Could the development of the proposal help alleviate any existing flooding problems in the area?	Water	No.	0		0
<b>Biodiversity, Flora and Fauna</b>					
To what extent will the proposal affect any international or national biodiversity designation, e.g. SAC/SPA/Ramsar/SSSI?		There is no connectivity between the proposal and any of Orkney's international and national designations. Its development is therefore unlikely to have any effect on their qualifying interests or their integrity.	0	N/A	0
To what extent will the proposal affect any locally important designations such as LNRs or LNCSSs.		The proposal is remote from any of Orkney's locally important designations and its development is unlikely to have any effect on their integrity.	0	N/A	0
To what extent will the proposal affect non designated features – e.g. trees, TPOs, hedges, woodland, species rich grasslands,		Proposal is unlikely to affect any non-designated features as it is currently improved grassland.	0	N/A	0
To what extent will the proposal affect Protected Species –e.g. bats, otters, etc.?		The proposal is unlikely to affect protected species.	0	N/A	0
How will habitat connectivity or wildlife corridors be affected by the proposal – will it result in habitat fragmentation or greater connectivity?		Vegetation on site is improved grassland and has limited ecological value.	0	N/A	0
<b>Water</b>					
Could the option result in a change of status of	Water	There is currently capacity at Stromness	0	N/A	0

a water body or significantly affect a designated water body as identified in the Scotland River Basin Management Plan? Can the proposal connect to the public foul sewer?		waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria..			
Could the proposal have a direct impact on the water environment (for example result in the need for watercourse crossings or allow the de-culverting of a watercourse?)	Water	Unlikely.	0	N/A	0
Does the proposal avoid impact on Groundwater Dependent Terrestrial Ecosystems (GWDTEs), i.e. are there any wetlands and boggy areas on the site?	Water and Biodiversity, Fauna and Flora	There may be wetland areas on the site.	?	The settlement statement proposes low density development on this site.	0
For large scale developments are there any private or public water supplies within 250m of the proposal which may be affected?	Water and Human Health	No.	0	N/A	0
<b>Soils</b>					
Is the proposal on greenfield or brownfield land? Does it result in the loss of high quality agricultural land?	Material Assets and Soils	This is a greenfield site; however it is within the town boundary.	0	N/A	0
Are there any contaminated soil issues on the proposal and if so, will the option reduce contamination?	Material Assets and Soils	No.	0	N/A	0
Is the proposal on peatland and could the development of the site lead to a loss of peat?	Climatic Factors and Soils	No.	0	N/A	0
<b>Geology</b>					

Are there any national geodiversity sites that could be affected by the proposal?		No.	0	N/A	0
Are there any local geodiversity sites or wider geodiversity interests that could be affected by the proposal?		This area is underlain by granite which may outcrop in places where the soil cover is particularly thin. This may limit development potential.	?	The settlement statement proposes low density development on this site.	0
<b>Landscape</b>					
To what extent will any designated sites be affected – including NSAs and local landscape designations?	Landscape	Site is within the Hoy and West Mainland NSA.	?	The settlement statement notes that Stromness is within the NSA and states that a low density of development is considered appropriate owing to the context of the site in the NSA and the prevalence of granite outcrops and the potential for wet areas.	0
Does the proposal ensure that development does not exceed the capacity of the landscape to accommodate it? Such as current settlement boundaries, existing townscape and character of surrounding area?	Landscape	The proposal is located within the settlement boundary in an area described by the Stromness Urban Design Framework as a fifth tier area. The UDF advises that in these areas the overriding principle is to avoid high density field filling, instead encouraging scattered development forms.	?		0
To what extent will the proposal affect features of landscape interest, including the distinctive character of the landscape and the qualities of wild land?	landscape	The Stromness UDF describes this area as more rural than urban. Features of landscape interest include outcrops of the underlying granite bedrock.  The Orkney Landscape Character Assessment (1998) classifies this area as Coastal Granite Pastures.  There is no wild land in this area.	?	New development should comply with Policy 9 <i>Natural Environment and Landscape</i> .  Policy 2 <i>Design</i> includes a set of fundamental principles with which all development should comply..	0
<b>Cultural Heritage</b>					
Is development of the proposal likely to affect any scheduled monuments or their setting?	Cultural heritage, &	No.	0	N/A	0

	links with landscape				
Is development of the proposal likely to affect any locally important archaeological site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any listed buildings and/or their setting?	Cultural heritage, & links with landscape	Quildon House, its boundary walls and gatepiers, along with Quildon cottage and former kiln are adjacent to the site. All are category C listed.	?	The settlement statement requires these buildings and their curtilages to be preserved within any development, and their settings to be taken into account.	0
Is development of the proposal likely to affect any Conservation Areas? (e.g. will it result in the demolition of any buildings)	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any Inventory Garden and Designed Landscape?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect the Heart of Neolithic Orkney World Heritage Site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to result in the opportunity to enhance or improve access to the historic environment?	Cultural heritage, & links with landscape	No.	0	N/A	0
<b>Service Infrastructure</b>					

Are there educational or health facilities nearby?	Population	There is both a primary and secondary school in Stromness and the International Centre for Island Technology (a part of Heriot-Watt University) is also based in the town. Health facilities include a medical practice and a dental practice, as well as a swimming pool and fitness suite.	+	N/A	+
To what extent will the proposal affect the quality and quantity of open space and connectivity and accessibility to open space, or result in a loss of open space?	Population, human health or material assets	Part of site was previously classified as open space but has been de-classified as it is not publicly accessible. This is unlikely to affect connectivity or accessibility to open space.	0	N/A	0
To what extent will development of the proposal affect core path links or other key access networks such as cycle paths, coastal paths and rights of way?	Population, human health, material assets or climatic factors	Site is adjacent to Core Path WM 26.	+	Policy 10 <i>Green Infrastructure</i> promotes improvements to public access and permeability.  Guidance is available in the Orkney Open Space Strategy.	+
Is there any opportunity to enhance the green network through for example green infrastructure on site?	Population, human health or material assets	Uncertain.	?		?
<b>Material assets</b>					
Will development of the proposal minimise demand on primary resources e.g. does it re-use an existing structure or recycle or recover existing on-site materials / resources?		New development will link into existing infrastructure and services.	0	N/A	0
Is the proposal in the vicinity of a waste management site and could its development therefore compromise the waste handling operation?	Human health	No.	0	N/A	0

Deliverability/sustainability constraints					
Will the proposal be delivered within the LDP timeframe? Are there any site servicing constraints, e.g. waste water treatment capacity?	Material assets	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria..	0	N/A	0
Are there any vehicular access constraints or opportunities - is the road network capable of accommodating traffic generated?	Material assets and climatic factors	There are no known vehicular access constraints.	0	N/A	?

<b>STROMNESS</b>		<b>Source of site suggestion:</b> Brought forward from existing LDP.	<b>Summary Description:</b> In the current LDP this site is identified as STR-G, STR-H and part of SRT-O, as well as an area of open space and a natural flood risk management area. The site is bounded by the Netherton and Croval Roads. Parts of the site are wet and low-lying, and it is crossed by the May Burn. In the north of the site the landscape is undulating with outcrops of granite.		
<b>STR-17</b>	<b>Site Size (ha): 4.8</b>	<b>Current Use:</b> Parts are managed for agriculture, others are unmanaged.	Identified as Site 15 in the MIR 2015 where both options 1 and 2 include minor extensions to the settlement boundary to include existing properties.  Short term housing allocation.  A development brief would be required for this site.		
<b>Site assessment question</b>	<b>Related SEA topic</b>	<b>Comment</b> <b>Information available – GIS/site visit?</b>	<b>Scoring pre mitigation</b>	<b>Mitigation</b>	<b>Scoring post mitigation</b>
<b>Climate change</b>					

Is the site close to a range of facilities? Can these be accessed by public transport?	Population and Human health	The site is within 15-20 minutes walking range of Stromness Primary School and Stromness Academy, as well as a number of shops.	+	N/A	+
Is the site protected from prevailing winds?		The topography of this site is variable and parts are likely to be protected from winds from the NW, W and SW, whereas other parts are more protected from winds from the NE, E and SE.	+	Policy 2 <i>Design</i> requires new development to demonstrate how it will minimise use of energy and maximise opportunities for shelter.	+
Site aspect – does the site make best use of solar gain?		Most of the site has a relatively open aspect, enabling best use to be made of solar gain.	+		+
Is the site thought to be at risk of flooding or could its development result in additional flood risk elsewhere?	Water and Human Health	Uncertain, the May Burn flows through this site. Downstream, parts of the burn are culverted and high rainfall events have historically led to flooding.  FRA required to assess risk and culvert capacities of May Burn and ensure no detrimental effect downstream. May be opportunity for improvement.	--	The settlement statement requires a Flood Risk Assessment to be undertaken to establish the potential for watercourses within the site to flood, and for development of the site to contribute to flooding elsewhere.	0
Could the development of the site help alleviate any existing flooding problems in the area?	Water	Wetter areas of the site which are associated with the May Burn may have potential for the development of natural flood risk management techniques.	?		0
<b>Biodiversity, Flora and Fauna</b>					
To what extent will the proposal affect any international or national biodiversity designation, e.g. SAC/SPA/Ramsar/SSSI?		There is no connectivity between the proposal and any of Orkney's international and national designations. Its development is therefore unlikely to have any effect on their qualifying interests or their integrity.	0	N/A	0

To what extent will the proposal affect any locally important designations such as LNRs or LNCSSs.		The proposal is remote from any of Orkney's locally important designations and its development is unlikely to have any effect on their integrity.	0	N/A	0
To what extent will the proposal affect non designated features – e.g. trees, TPOs, hedges, woodland, species rich grasslands,		Proposal is unlikely to affect any non-designated features as it is currently rough or grassland.	0	N/A	0
To what extent will the proposal affect protected Species –e.g. bats, otters, etc.?		Otters may be present along the May Burn, as well as other drainage ditches in the area.	?	The potential for otters to be present in areas close to waterbodies and drainage ditches is highlighted in the introduction to the settlement statements.	0
How will habitat connectivity or wildlife corridors be affected by the proposal – will it result in habitat fragmentation or greater connectivity?		Vegetation on site is generally rough or improved grassland. The wetter area associated with the May Burn is more natural. Wetland areas may limit development potential on this site.	-	The settlement statement proposes a lower density of housing development on this site.	0
<b>Water</b>					
Could the option result in a change of status of a water body or significantly affect a designated water body as identified in the Scotland River Basin Management Plan?  Can the option connect to the public foul sewer?	Water	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria..	?	N/A	0
Could the option have a direct impact on the water environment (for example result in the need for watercourse crossings or allow the de-culverting of a watercourse?)	Water	Uncertain. The May Burn flows through this site and development may require the installation of water crossings or culverts.	?	The settlement statement highlights the presence of the burn and requires a	0

				buffer zone to be established.	
Does the option avoid impact on Groundwater Dependent Terrestrial Ecosystems (GWDTEs), i.e. are there any wetlands and boggy areas on the site?	Water and Biodiversity, Fauna and Flora	The vegetation cover on parts of the site indicates that the underlying soil conditions are wet. Wetland areas may limit development potential on this site.	-	The settlement statement proposes a lower density of housing development on this site.	0
For large scale developments are there any private or public water supplies within 250m of the site which may be affected?	Water and Human Health	No.	0	N/A	0
<b>Soils</b>					
Is the option on greenfield or brownfield land?	Material Assets and Soils	The option is on greenfield land classified as category 6 <sub>2</sub> , capable of use only as rough grazing.	0	N/A	0
Are there any contaminated soil issues on the site and if so, will the option reduce contamination?	Material Assets and Soils	No.	0	N/A	0
Is the proposal on peatland and could the development of the site lead to a loss of peat?	Climatic Factors and Soils	No.	0	N/A	0
<b>Geology</b>					
Are there any national geodiversity sites that could be affected by the proposal?		The site is remote from any of Orkney's national geodiversity sites and its development is unlikely to have any effect on their integrity.	0	N/A	0
Are there any local geodiversity sites or wider geodiversity interests that could be affected by the proposal?		Part of the site includes granite outcrops which are illustrative of the type of rock which underlies most of Stromness. The granite outcrops represent an interesting	-	The settlement statement proposes a lower density of housing development	0

		feature in the town and they are unusual in an Orkney context as most of the islands' surface geology consists of sedimentary rock and overlying glacial deposits.  Granite outcrops may limit development potential on this site		on this site.	
<b>Landscape</b>					
To what extent will any designated sites be affected – including NSAs and local landscape designations?	Landscape	The proposal is located within the Hoy and West Mainland NSA.	?	The settlement statement notes that Stromness is within the NSA and states that a low density of development is considered appropriate owing to the context of the site in the NSA and the prevalence of granite outcrops and the potential for wet areas.	0
Does the proposal ensure that development does not exceed the capacity of the landscape to accommodate it? Such as current settlement boundaries, existing townscape and character of surrounding area?	Landscape	The proposal is located within the settlement boundary in an area described by the Stromness Urban Design Framework as a fifth tier area. The UDF advises that in these areas the overriding principle is to avoid high density field filling, instead encouraging scattered development forms.	?	New development should comply with Policy 9 <i>Natural Environment and Landscape</i> .  Policy 2 <i>Design</i> includes a set of fundamental principles with which all development should comply..	0
To what extent will the proposal affect features of landscape interest, including the distinctive character of the landscape and the qualities of wild land?	landscape	The Stromness UDF describes this area as more rural than urban. Features of landscape interest include outcrops of the underlying granite bedrock.	?		0
<b>Cultural Heritage</b>					

Is development of the site likely to affect any scheduled monuments or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the site likely to affect any locally important archaeological site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the site likely to affect any listed buildings and/or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the site likely to affect any Conservation Areas? (e.g. will it result in the demolition of any buildings)	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the site likely to affect any Inventory Garden and Designed Landscape?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the site likely to affect the Heart of Neolithic Orkney World Heritage Site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the site likely to result in the opportunity to enhance or improve access to the historic environment?	Cultural heritage, & links with landscape	Unlikely.	0	N/A	0
<b>Service Infrastructure</b>					

Are there educational or health facilities nearby?	Population	There is both a primary and secondary school in Stromness and the International Centre for Island Technology (a part of Heriot-Watt University) is also based in the town. Health facilities include a medical practice and a dental practice, as well as a swimming pool and fitness suite.	0	N/A	0
To what extent will the proposal affect the quality and quantity of open space and connectivity and accessibility to open space, or result in a loss of open space?	Population, human health or material assets	An area previously classified as open space has been de-classified as it is not publicly accessible. This is unlikely to affect connectivity or accessibility to open space.	0	N/A	0
To what extent will development of the site affect core path links or other key access networks such as cycle paths, coastal paths and rights of way?	Population, human health, material assets or climatic factors	The proposal is unlikely to affect core path links or other key access networks such as cycle paths, coastal paths and rights of way.	0	N/A	0
Is there any opportunity to enhance the green network through for example green infrastructure on site?	Population, human health or material assets	The granite outcrops and the wet area associated with the May Burn may be potential areas of green infrastructure.	?	Recommend that the wetter area of the site and the granite outcrops are considered for their potential as green infrastructure.  Options should be considered in the development brief.	?
<b>Material assets</b>					
Will development of the site minimise demand on primary resources e.g. does it re-use an existing structure or recycle or recover existing		New development will link into existing infrastructure and services.	0	N/A	0

on-site materials / resources?					
Is the site in the vicinity of a waste management site and could its development therefore compromise the waste handling operation?	Human health	No.	0	N/A	0
<b>Deliverability/sustainability constraints</b>					
Will the site be delivered within the LDP timeframe? Are there any site servicing constraints, e.g. waste water treatment capacity.	Material assets	<p>The presence of wetland areas and granite outcrops may limit the development potential of this site.</p> <p>There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria..</p> <p>There may be service pipes between existing properties within this site boundary and the public water main. Any diversion to private service pipes would need the approval of the property owners.</p>	-	<p>The settlement statement proposes a lower density of housing development on this site.</p> <p>The possible presence of service pipes is noted in the settlement statement.</p>	0
Are there any vehicular access constraints or opportunities - is the road network capable of accommodating traffic generated?	Material assets and climatic factors	There are no known vehicular access constraints.	0	N/A	0

<b>STROMNESS</b>	<b>Source of site suggestion:</b> Brought forward from Orkney LDP 2014.		<b>Summary Description:</b> Identified as Site STR-J in the Orkney LDP 2014.		
<b>STR-18</b>	<b>Site Size (ha):</b> 2.4	<b>Current Use:</b> Agriculture	Identified as Site 16 in the MIR 2015. Short term housing allocation.		
<b>Site assessment question</b>	<b>Related SEA topic</b>	<b>Comment</b> <b>Information available – GIS/site visit?</b>	<b>Scoring pre mitigation</b>	<b>Mitigation</b>	<b>Scoring post mitigation</b>
<b>Climate change</b>					
Is the proposal close to a range of facilities? Can these be accessed by public transport?	Population and Human health	The site is within 15-20 minutes walking range of Stromness Primary School and Stromness Academy, as well as a number of shops.	+	N/A	+
Is the proposal protected from prevailing winds?		The site slopes to the east and lower parts are likely to benefit from a degree of shelter from westerly winds.	+	Policy 2 <i>Design</i> requires new development to demonstrate how it will minimise use of energy and maximise opportunities for shelter.	+
Site aspect – does the proposal make best use of solar gain?		The site has an easterly aspect and benefits most from solar gain during the morning and early afternoon.	+		+
Is the proposal thought to be at risk of flooding or could its development result in additional flood risk elsewhere?	Water and Human Health	There are records of flooding nearby. There may be watercourses culverted through the site.  FRA may be required to identify presence of any watercourses, including culverted ones and ensure development	?	The settlement statement requires a Flood Risk Assessment to be undertaken to establish the	0

		would not be at flood risk from hillslope areas upstream. Mitigation measures may be required.		potential for adjacent or culverted watercourses to flood the site and for development of the site to contribute to flood risk elsewhere.	
Could the development of the proposal help alleviate any existing flooding problems in the area?	Water	Unlikely.	0		0
<b>Biodiversity, Flora and Fauna</b>					
To what extent will the proposal affect any international or national biodiversity designation, e.g. SAC/SPA/Ramsar/SSSI?		There is no connectivity between the proposal and any of Orkney's international and national designations. Its development is therefore unlikely to have any effect on their qualifying interests or their integrity.	0	N/A	0
To what extent will the proposal affect any locally important designations such as LNRs or LNCSSs.		The proposal is remote from any of Orkney's locally important designations and its development is unlikely to have any effect on their integrity.	0	N/A	0
To what extent will the proposal affect non designated features – e.g. trees, TPOs, hedges, woodland, species rich grasslands,		Proposal is unlikely to affect any non-designated features as it is currently improved grassland.	0	N/A	0
To what extent will the proposal affect Protected Species –e.g. bats, otters, etc.?		The proposal is unlikely to affect protected species.	0	N/A	0
How will habitat connectivity or wildlife corridors be affected by the proposal – will it result in habitat fragmentation or greater connectivity?		Vegetation on site is improved grassland and has limited ecological value.	0	N/A	0
<b>Water</b>					

<p>Could the option result in a change of status of a water body or significantly affect a designated water body as identified in the Scotland River Basin Management Plan?</p> <p>Can the proposal connect to the public foul sewer?</p>	Water	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria.	0	N/A	0
<p>Could the proposal have a direct impact on the water environment (for example result in the need for watercourse crossings or allow the de-culverting of a watercourse?)</p>	Water	Uncertain, a FRA may be required to identify presence of any watercourses, including culverted ones.	?	The settlement statement requires a FRA to be undertaken.	0
<p>Does the proposal avoid impact on Groundwater Dependent Terrestrial Ecosystems (GWDTEs), i.e. are there any wetlands and boggy areas on the site?</p>	Water and Biodiversity, Fauna and Flora	No.	0	N/A	0
<p>For large scale developments are there any private or public water supplies within 250m of the proposal which may be affected?</p>	Water and Human Health	No.	0	N/A	0
<b>Soils</b>					
<p>Is the proposal on greenfield or brownfield land?</p> <p>Does it result in the loss of high quality agricultural land?</p>	Material Assets and Soils	The site is on greenfield land which is classed as 6 <sub>2</sub> Land capable of rough grazing only.	0	N/A	0
<p>Are there any contaminated soil issues on the proposal and if so, will the option reduce contamination?</p>	Material Assets and Soils	No.	0	N/A	0
<p>Is the proposal on peatland and could the development of the site lead to a loss of peat?</p>	Climatic Factors and Soils	No.	0	N/A	0
<b>Geology</b>					

Are there any national geodiversity sites that could be affected by the proposal?		No.	0	N/A	0
Are there any local geodiversity sites or wider geodiversity interests that could be affected by the proposal?		No.	0	N/A	0
<b>Landscape</b>					
To what extent will any designated sites be affected – including NSAs and local landscape designations?	Landscape	The site is located within the Hoy and West Mainland NSA.	?	The settlement statement notes that Stromness is within the NSA and states that a low density of development is considered appropriate owing to the context of the site in the NSA and the prevalence of granite outcrops and the potential for wet areas.	0
Does the proposal ensure that development does not exceed the capacity of the landscape to accommodate it? Such as current settlement boundaries, existing townscape and character of surrounding area?	Landscape	The proposal is located within the settlement boundary in an area described by the Stromness Urban Design Framework as a second tier area. These are more sparsely developed areas and, although there are still important links to the town's core, there is more potentially developable land in these areas.	?	It also notes that the steep gradient of the site is likely to be a significant factor in the design of proposals.  New development should comply with <i>Policy 9 Natural Environment and Landscape.</i>  <i>Policy 2 Design</i>	0
To what extent will the proposal affect features of landscape interest, including the distinctive character of the landscape and the qualities of wild land?	landscape	The Stromness UDF describes second tier areas as almost exclusively residential.  The Orkney Landscape Character Assessment (1998) classifies this area as Coastal Granite Pastures and notes that the sound and smell of the sea and the bustle of Stromness harbour are important facets in the character of the area.	?		0

				includes a set of fundamental principles with which all development should comply.	
<b>Cultural Heritage</b>					
Is development of the proposal likely to affect any scheduled monuments or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any locally important archaeological site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any listed buildings and/or their setting?	Cultural heritage, & links with landscape	White House is a listed building.	?	The site statement requires the building and its curtilage to be preserved within any development and its setting to be taken into account.	0
Is development of the proposal likely to affect any Conservation Areas? (e.g. will it result in the demolition of any buildings)	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any Inventory Garden and Designed Landscape?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect the Heart of Neolithic Orkney World Heritage Site?	Cultural heritage, & links with landscape	No.	0	N/A	0

Is development of the proposal likely to result in the opportunity to enhance or improve access to the historic environment?	Cultural heritage, & links with landscape	Unlikely.	0	N/A	0
<b>Service Infrastructure</b>					
Are there educational or health facilities nearby?	Population	There is both a primary and secondary school in Stromness and the International Centre for Island Technology (a part of Heriot-Watt University) is also based in the town. Health facilities include a medical practice and a dental practice, as well as a swimming pool and fitness suite.	+	N/A	+
To what extent will the proposal affect the quality and quantity of open space and connectivity and accessibility to open space, or result in a loss of open space?	Population, human health or material assets	Development of the site would not affect open space.	0	N/A	0
To what extent will development of the proposal affect core path links or other key access networks such as cycle paths, coastal paths and rights of way?	Population, human health, material assets or climatic factors	Core Path Wm 26 is adjacent to the northern boundary of the site.	+	Policy 10 <i>Green Infrastructure</i> promotes improvements to public access and permeability.  The settlement statement requires pedestrian access to be provided through the site from Back Road to Hellihole Road and Whitehouse Lane.	+
Is there any opportunity to enhance the green	Population,	Uncertain.	?	Guidance is	?

network through for example green infrastructure on site?	human health or material assets			available in the Orkney Open Space Strategy.	
<b>Material assets</b>					
Will development of the proposal minimise demand on primary resources e.g. does it re-use an existing structure or recycle or recover existing on-site materials / resources?		New development will link into existing infrastructure and services.	0	N/A	0
Is the proposal in the vicinity of a waste management site and could its development therefore compromise the waste handling operation?	Human health	No.	0	N/A	0
<b>Deliverability/sustainability constraints</b>					
Will the proposal be delivered within the LDP timeframe? Are there any site servicing constraints, e.g. waste water treatment capacity?	Material assets	There is currently capacity at Stromness waste water treatment works; however, should demands exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria.	0	N/A	0
Are there any vehicular access constraints or opportunities - is the road network capable of accommodating traffic generated?	Material assets and climatic factors	There are no known vehicular access constraints.	0	N/A	0

<b>STROMNESS</b>	<b>Source of site suggestion:</b> Brought forward from Orkney LDP 2014.		<b>Summary Description:</b> Identified as Site STR-P in the Orkney LDP 2014.		
<b>STR-19</b>	<b>Site Size (ha):</b> 3.0	<b>Current Use:</b> Partially developed	Identified as Site 17 in the MIR 2015. Long term housing allocation.		
<b>Site assessment question</b>	<b>Related SEA topic</b>	<b>Comment</b> <b>Information available – GIS/site visit?</b>	<b>Scoring pre mitigation</b>	<b>Mitigation</b>	<b>Scoring post mitigation</b>
<b>Climate change</b>					
Is the proposal close to a range of facilities? Can these be accessed by public transport?	Population and Human health	The site is close to the southern boundary of the town; however it is within 15-20 minutes walking / cycling range of Stromness Primary School and Stromness Academy, as well as a number of shops.	+	N/A	+
Is the proposal protected from prevailing winds?		The site is relatively open to prevailing winds.	0	Policy 2 <i>Design</i> requires new development to demonstrate how it will minimise use of energy and maximise opportunities for shelter.	+
Site aspect – does the proposal make best use of solar gain?		The site has a southerly aspect and benefits from the sun for most of the day.	+		+
Is the proposal thought to be at risk of flooding or could its development result in additional flood risk elsewhere?	Water and Human Health	The site is not considered to be at risk of flooding; however there are records of flooding down slope from the site.	0	N/A	0
Could the development of the proposal help alleviate any existing flooding problems in the	Water	Unlikely.	0		0

area?					
<b>Biodiversity, Flora and Fauna</b>					
To what extent will the proposal affect any international or national biodiversity designation, e.g. SAC/SPA/Ramsar/SSSI?		There is no connectivity between the proposal and any of Orkney's international and national designations. Its development is therefore unlikely to have any effect on their qualifying interests or their integrity.	0	N/A	0
To what extent will the proposal affect any locally important designations such as LNRs or LNCSs.		The proposal is remote from any of Orkney's locally important designations and its development is unlikely to have any effect on their integrity.	0	N/A	0
To what extent will the proposal affect non designated features – e.g. trees, TPOs, hedges, woodland, species rich grasslands,		Proposal is unlikely to affect any non-designated features as it is currently improved grassland.	0	N/A	0
To what extent will the proposal affect Protected Species –e.g. bats, otters, etc.?		The proposal is unlikely to affect protected species.	0	N/A	0
How will habitat connectivity or wildlife corridors be affected by the proposal – will it result in habitat fragmentation or greater connectivity?		Vegetation on site is improved grassland and has limited ecological value.	0	N/A	0
<b>Water</b>					
Could the option result in a change of status of a water body or significantly affect a designated water body as identified in the Scotland River Basin Management Plan? Can the proposal connect to the public foul sewer?	Water	Unlikely, however properties within this area are unlikely to connect to the public foul sewer.	-	Private foul water drainage systems will be deemed acceptable for small scale developments, provided that they comply with the	0

				current LDP policy on waste water drainage.	
Could the proposal have a direct impact on the water environment (for example result in the need for watercourse crossings or allow the de-culverting of a watercourse?)	Water	Drainage ditches along field boundaries are likely to require the installation of crossings or culverts; however the effects on the water environment are likely to be minor.	0	N/A	0
Does the proposal avoid impact on Groundwater Dependent Terrestrial Ecosystems (GWDTEs), i.e. are there any wetlands and boggy areas on the site?	Water and Biodiversity, Fauna and Flora	Uncertain,	?	The settlement statement proposes a lower density of housing development on this site. This will enable any wet areas to be avoided.	0
For large scale developments are there any private or public water supplies within 250m of the proposal which may be affected?	Water and Human Health	No.	0	N/A	0
<b>Soils</b>					
Is the proposal on greenfield or brownfield land? Does it result in the loss of high quality agricultural land?	Material Assets and Soils	The site is on greenfield land which is classed as 6 <sub>2</sub> Land capable of rough grazing only.	0	N/A	0
Are there any contaminated soil issues on the proposal and if so, will the option reduce contamination?	Material Assets and Soils	No.	0	N/A	0
Is the proposal on peatland and could the development of the site lead to a loss of peat?	Climatic Factors and Soils	No.	0	N/A	0

<b>Geology</b>					
Are there any national geodiversity sites that could be affected by the proposal?		No.	0	N/A	0
Are there any local geodiversity sites or wider geodiversity interests that could be affected by the proposal?		This area is underlain by granite which may outcrop in places where the soil cover is particularly thin. This may limit development potential in parts of the site.	?	The settlement statement proposes a lower density of housing development on this site.	0
<b>Landscape</b>					
To what extent will any designated sites be affected – including NSAs and local landscape designations?	Landscape	The site is located within the Hoy and West Mainland NSA.	?	The settlement statement notes that Stromness is within the NSA and states that a low density of development is considered appropriate owing to the context of the site in the NSA and the prevalence of granite outcrops and the potential for wet areas.	0
Does the proposal ensure that development does not exceed the capacity of the landscape to accommodate it? Such as current settlement boundaries, existing townscape and character of surrounding area?	Landscape	The proposal is located within the settlement boundary in an area described by the Stromness Urban Design Framework as a fifth tier area. The UDF advises that in these areas the overriding principle is to avoid high density field filling, instead encouraging scattered development forms.	?	New development should comply with Policy 9 <i>Natural Environment and Landscape</i> . Policy 2 <i>Design</i> includes a set of fundamental	0
To what extent will the proposal affect features of landscape interest, including the distinctive character of the landscape and the qualities of wild land?	landscape	The Stromness UDF describes this area as more rural than urban. Features of landscape interest include outcrops of the underlying granite bedrock.  The Orkney Landscape Character Assessment (1998) classifies this area as Coastal Granite Pastures and notes that the sound and smell of the sea and the bustle of Stromness harbour are important facets in the character of the	?		0

		area. There is no wild land in this area.		principles with which all development should comply.	
<b>Cultural Heritage</b>					
Is development of the proposal likely to affect any scheduled monuments or their setting?	Cultural heritage, & links with landscape	The site is within 200 metres upslope of the Ness Battery 20 <sup>th</sup> century military site.	0	The settlement statement requires development of the site to avoid adverse impact on the setting of the Ness Battery.	0
Is development of the proposal likely to affect any locally important archaeological site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any listed buildings and/or their setting?	Cultural heritage, & links with landscape	Citadel farmhouse and outbuildings are category C-listed.	?	The settlement statement requires these buildings to be preserved within any development, and their setting to be taken into account.	0
Is development of the proposal likely to affect any Conservation Areas? (e.g. will it result in the demolition of any buildings)	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any Inventory Garden and Designed Landscape?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect the Heart of Neolithic Orkney World Heritage Site?	Cultural heritage, & links	No.	0	N/A	0

	with landscape				
Is development of the proposal likely to result in the opportunity to enhance or improve access to the historic environment?	Cultural heritage, & links with landscape	Unlikely.	0	N/A	0
<b>Service Infrastructure</b>					
Are there educational or health facilities nearby?	Population	There is both a primary and secondary school in Stromness and the International Centre for Island Technology (a part of Heriot-Watt University) is also based in the town. Health facilities include a medical practice and a dental practice, as well as a swimming pool and fitness suite.	+	N/A	+
To what extent will the proposal affect the quality and quantity of open space and connectivity and accessibility to open space, or result in a loss of open space?	Population, human health or material assets	Development of the site would not affect open space.	0	N/A	0
To what extent will development of the proposal affect core path links or other key access networks such as cycle paths, coastal paths and rights of way?	Population, human health, material assets or climatic factors	Core Path Wm 34 is adjacent to the eastern boundary of the site.	+	Policy 10 <i>Green Infrastructure</i> promotes improvements to public access and permeability	+
Is there any opportunity to enhance the green network through for example green infrastructure on site?	Population, human health or material assets	Uncertain.	?	Guidance is available in the Orkney Open Space Strategy.	?
<b>Material assets</b>					
Will development of the proposal minimise demand on primary resources e.g. does it re-use an existing structure or recycle or recover		New development will link into existing infrastructure and services.	0	N/A	0

existing on-site materials / resources?					
Is the proposal in the vicinity of a waste management site and could its development therefore compromise the waste handling operation?	Human health	No.	0	N/A	0
<b>Deliverability/sustainability constraints</b>					
Will the proposal be delivered within the LDP timeframe? Are there any site servicing constraints, e.g. waste water treatment capacity?	Material assets	<p>There is currently capacity at Stromness waste water treatment works; however, should demands exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria.</p> <p>There may be a private service pipe between Citadel Cottage and the public water main to the north of the site.</p>	?	The settlement statement notes that any diversion to private service pipes would need the approval of the property owners.	0
Are there any vehicular access constraints or opportunities - is the road network capable of accommodating traffic generated?	Material assets and climatic factors	It would appear that site 17 would take access off the Netherton Road. This road would need to be widened in advance of any development and also part of any further development at Knockhall.	--	The settlement statement notes that improvements to the road and provision of pedestrian access to the town centre are a prerequisite of development on this site. The existing access to the site from the Netherton Road would need to be widened.	0

<b>STROMNESS</b>			<b>Source of site suggestion:</b> Brought forward from Orkney LDP 2014.	<b>Summary Description:</b>			
<b>OLDP 2014</b>	<b>MIR 2015</b>	<b>OLDP 2017</b>	<b>Site size: ha</b>	<p>These are sites which are identified in the Orkney LDP 2014 either as Business and Industrial land, or as part of the Strategic Development Area on the Garson peninsula.</p> <p>The settlement statement requires a development brief to be undertaken for STR-26, due to its strategic nature.</p> <p>A marine area to the south of the Copland's Dock Pier is identified as a possible site for land reclamation.</p> <p>STR-21 and STR-22 are included in the Copland's dock development brief.</p> <p>STR-23 is included in the North End development brief.</p> <p>STR-24 and STR-25 are included in the Orkney Research Campus, Stromness development brief.</p>			
<b>SB1</b>	<b>SB1</b>	<b>STR-20 Garson Ind. Estate</b>	<b>9.5</b>				
<b>SB2</b>	<b>SB2</b>						
<b>Coastal areas identified in Orkney LDP 2014 as part of a Strategic Development Area</b>		<b>STR-21 Copland's Dock North</b>	<b>0.7</b>				
		<b>STR-22 Copland's Dock South</b>	<b>4.6</b>				
<b>SB3</b>	<b>SB3</b>	<b>Developed</b>					
<b>SB4</b>	<b>SB4</b>	<b>Developed</b>					
<b>SB5</b>	<b>SB5</b>	<b>STR-23 Former Mart</b>	<b>0.4</b>				
<b>SB6</b>	<b>SB6</b>	<b>STR-24 Former Primary School</b>	<b>0.4</b>				
<b>SB7</b>	<b>SB7</b>	<b>STR-25 Former Academy</b>	<b>0.9</b>				
<b>St Peter's House Care Home</b>		<b>STR-26 St Peter's Care Home</b>	<b>0.5</b>				
<b>Site assessment question</b>			<b>Related SEA topic</b>	<b>Comment Information available – GIS/site visit?</b>	<b>Scoring pre mitigation</b>	<b>Mitigation</b>	<b>Scoring post mitigation</b>
<b>Climate change</b>							
Is the proposal close to a range of facilities? Can these be accessed by public transport?			Population and Human health	All sites are within 10 - 15 minutes walking/cycling range of a bus stop for the scheduled bus service X1 which links Stromness with Kirkwall and St Margaret's Hope.	+	N/A	+
Is the proposal protected from prevailing winds?				Sites located within the older part of town benefit from a degree of shelter from westerly winds, whereas sites on the Garson peninsula are more open.	+	Policy 2 <i>Design</i> requires new development to demonstrate how it will minimise use of energy and	+

Site aspect – does the proposal make best use of solar gain?		SB1, SB2 and SB3 have a relatively open aspect; however SB 5, SB6 and SB7 are more shaded by Brinkie's Brae.	+	maximise opportunities for shelter.	+
Is the proposal thought to be at risk of flooding or could its development result in additional flood risk elsewhere?	Water and Human Health	The Mill Burn flows through STR-20 and flooding has historically affected roads and properties downstream of the site. There are culverted sections of watercourse close to the site, including potential culverts within the site.	--	The settlement statement requires a Flood Risk Assessment to be undertaken to establish the potential for the Mill Burn to flood the site and for development of the site to contribute to flooding elsewhere.	0
		Parts of STR-21, STR-22 are at risk of coastal flooding.	--	The settlement statement requires a Flood Risk Assessment to be undertaken to establish the potential for these sites to be affected by coastal flooding.	
		The entire STR-23 site is at risk of coastal flooding but it does adjoin higher ground. Also records of surface water flooding from the hillside above.	--		
		STR-24 and STR-25 are sloping sites above an existing developed area. It's possible that culverted watercourses pass through these sites.	?	Land raising in STR-23 could be considered, as this would allow the site to be considered for a wider range of uses.  STR-23 is included in the North End, Stromness Development Brief.	
Could the development of the proposal help alleviate any existing flooding problems in the area?	Water	Uncertain.	?	The settlement statement notes the possible presence of culverted watercourses.	0

<b>Biodiversity, Flora and Fauna</b>					
To what extent will the proposal affect any international or national biodiversity designation, e.g. SAC/SPA/Ramsar/SSSI?		There is no connectivity between the proposal and any of Orkney's international and national designations. Its development is therefore unlikely to have any effect on their qualifying interests or their integrity.	0	N/A	0
To what extent will the proposal affect any locally important designations such as LNRs or LNCSSs.		The proposal is remote from any of Orkney's locally important designations and its development is unlikely to have any effect on their integrity.	0	N/A	0
To what extent will the proposal affect non designated features – e.g. trees, TPOs, hedges, woodland, species rich grasslands,		Proposal is unlikely to affect any non-designated features as it is currently improved grassland.	0	N/A	0
To what extent will the proposal affect Protected Species –e.g. bats, otters, etc.?		Otters are likely to use the Mill Burn as well as coastal areas of the Garson peninsula.	?	The potential for otters to be present in areas close to waterbodies and drainage ditches is highlighted in the introduction to the settlement statements.	0
		Bat activity has historically been recorded around the Old Academy building in STR-25.			
How will habitat connectivity or wildlife corridors be affected by the proposal – will it result in habitat fragmentation or greater connectivity?		Otters may use the Mill Burn as an access route lining the marine and freshwater environments.  There is also potential for otters to use the coastal area, in particular around Garson peninsula.	?	Potential for bats to be present in older buildings is already highlighted in the Orkney Research Campus Development Brief.  Potential for otter presence is already highlighted in the Copland's Dock, Stromness Development Brief.	0
<b>Water</b>					

<p>Could the option result in a change of status of a water body or significantly affect a designated water body as identified in the Scotland River Basin Management Plan?</p> <p>Can the proposal connect to the public foul sewer?</p>	Water	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria..	0	N/A	0
<p>Could the proposal have a direct impact on the water environment (for example result in the need for watercourse crossings or allow the de-culverting of a watercourse?)</p>	Water	It's possible that culverted watercourses pass through STR-24, STR-25 and STR-26.	?	<p>The settlement statement notes the possible presence of culverted watercourses.</p> <p>It also notes the requirement for a development-free buffer zone around the Mill Burn.</p>	0
<p>Does the proposal avoid impact on Groundwater Dependent Terrestrial Ecosystems (GWDTEs), i.e. are there any wetlands and boggy areas on the site?</p>	Water and Biodiversity, Fauna and Flora	There are wetland areas alongside the Mill Burn in the north of STR-20, and these form part of the functional flood plain.	0	The settlement statement requires a Flood Risk Assessment to be undertaken to establish the potential for the Mill Burn to flood the site and for development of the site to contribute to flooding elsewhere.	0
<p>For large scale developments are there any private or public water supplies within 250m of the proposal which may be affected?</p>	Water and Human Health	No.	0	N/A	0
<b>Soils</b>					
<p>Is the proposal on greenfield or brownfield land?</p> <p>Does it result in the loss of high quality</p>	Material Assets and Soils	STR-20, and STR-23 are identified in the Orkney LDP as business and industrial land and are already partially developed.	0	N/A	0

agricultural land?		STR-24 and STR-25 are brownfield sites where there is potential for the upgrading and re-development of existing buildings.	+	The Orkney Research Campus, Stromness Development Brief has already been prepared to guide redevelopment of these sites.	
		STR-21 and part of STR-22 are identified in the 2014 Plan as part of a Strategic Development Area and a pier and temporary access road have already been constructed. The remaining area is agricultural land.  A marine area to south of the Copland's Dock Pier is identified as a potential area for land reclamation.	-	The Copland's Dock, Stromness Development Brief has already been prepared to guide development of this area.  The Brief highlights the requirement for all scales of land reclamation projects to undergo screening for EIA.	
Are there any contaminated soil issues on the proposal and if so, will the option reduce contamination?	Material Assets and Soils	No.	0	N/A	0
Is the proposal on peatland and could the development of the site lead to a loss of peat?	Climatic Factors and Soils	No.	0	N/A	0
<b>Geology</b>					
Are there any national geodiversity sites that could be affected by the proposal?		No.	0	N/A	0
Are there any local geodiversity sites or wider geodiversity interests that could be affected by the proposal?		No.	0	N/A	0
<b>Landscape</b>					

To what extent will any designated sites be affected – including NSAs and local landscape designations?	Landscape	All sites are located within the Hoy and West Mainland NSA.	?	The settlement statement notes that Stromness is within the NSA.	0
Does the proposal ensure that development does not exceed the capacity of the landscape to accommodate it? Such as current settlement boundaries, existing townscape and character of surrounding area?	Landscape	All of the above sites are within the current Stromness town boundary	?	New development should comply with Policy 9 <i>Natural Environment and Landscape</i> .  Policy 2 <i>Design</i> includes a set of fundamental principles with which all development should comply.	0
To what extent will the proposal affect features of landscape interest, including the distinctive character of the landscape and the qualities of wild land?	landscape	The Orkney Landscape Character Assessment (1998) classifies this area as Coastal Granite Pastures and notes that the sound and smell of the sea and the bustle of Stromness harbour are important facets in the character of the area.	?	Further guidance is provided in the relevant Development Briefs.  A development brief would be required for site STR-26.	0
<b>Cultural Heritage</b>					
Is development of the proposal likely to affect any scheduled monuments or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any locally important archaeological site?	Cultural heritage, & links with landscape	Copland's Dock, a former boatyard is located to the north of the Copland's Dock Pier in STR-22.  STR-26 includes a former manse, associated outbuildings and a walled garden;	?	This is addressed in the Copland's Dock Development Brief.  The settlement statement requires these buildings to be retained in any development of STR-26.	0
Is development of the proposal likely to affect any listed buildings and/or their setting?	Cultural heritage, &	Garson House which is category B-listed is located on the Garson Peninsula.	?	The settlement statement requires development of	0

	links with landscape	The Stromness Hotel, 1-3 Victoria Street, 5 Victoria Street and 11 Victoria Street are listed buildings.  The Old North Manse is a listed building.		STR-21 and STR-22 to avoid impact on the setting of Garson House.  Development of STR-24 should avoid impact on the settings of the Stromness Hotel, 1-3 Victoria Street, 5 Victoria Street and 11 Victoria Street.  Development of STR-25 should avoid impact on the setting of the Old North Manse.	
Is development of the proposal likely to affect any Conservation Areas? (e.g. will it result in the demolition of any buildings)	Cultural heritage, & links with landscape	SB-6 is located adjacent to the Stromness Conservation Area.	?	The site statement will highlight the presence of the Conservation Area.	0
Is development of the proposal likely to affect any Inventory Garden and Designed Landscape?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect the Heart of Neolithic Orkney World Heritage Site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to result in the opportunity to enhance or improve access to the historic environment?	Cultural heritage, & links with landscape	There may be potential to enhance or improve access to the site of the former Copland's Dock boatyard.	?	This is addressed in the Copland's Dock Development Brief.	0
<b>Service Infrastructure</b>					
Are there educational or health facilities	Population	There is both a primary and secondary school in Stromness and the International	+	N/A	+

nearby?		Centre for Island Technology (a part of Heriot-Watt University) is also based in the town. Health facilities include a medical practice and a dental practice, as well as a swimming pool and fitness suite.			
To what extent will the proposal affect the quality and quantity of open space and connectivity and accessibility to open space, or result in a loss of open space?	Population, human health or material assets	Development of these sites would not impact on access to open space.	0	N/A	0
To what extent will development of the proposal affect core path links or other key access networks such as cycle paths, coastal paths and rights of way?	Population, human health, material assets or climatic factors	Core Path Wm 30 follows the Hamnavoe coast to the west of Site 23.	+	The settlement statement will highlight the presence of the core path, encouraging new development to link into it where possible.	+
Is there any opportunity to enhance the green network through for example green infrastructure on site?	Population, human health or material assets	Uncertain.	?	Guidance is available in the Orkney Open Space Strategy.	?
<b>Material assets</b>					
Will development of the proposal minimise demand on primary resources e.g. does it re-use an existing structure or recycle or recover existing on-site materials / resources?		These sites are located within or close to already developed areas where new development would link into existing infrastructure and services.  STR-24 and STR-25 are brownfield sites where there is potential for the upgrading and re-development of existing buildings.	+	N/A	+
Is the proposal in the vicinity of a waste management site and could its development therefore compromise the waste handling operation?	Human health	STR-20 includes a safeguarded area for waste management facilities.	?	This area is safeguarded for waste management facilities through Policy 5 Business, Industry and Employment. It is also	0

				highlighted in the Proposals Map.	
<b>Deliverability/sustainability constraints</b>					
Will the proposal be delivered within the LDP timeframe? Are there any site servicing constraints, e.g. waste water treatment capacity?	Material assets	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria..	0	N/A	0
Are there any vehicular access constraints or opportunities - is the road network capable of accommodating traffic generated?	Material assets and climatic factors	The coastal area of Garson peninsula should only be considered for development once the roads infrastructure which is required to accommodate Copland's dock has been provided.	--	The settlement statement notes that the completion of the roads infrastructure for Copland's Dock Pier is a prerequisite for development of STR-21 and STR-22.	0

<b>STROMNESS</b>	<b>Source of site suggestion:</b> LDP review. Landowner yet to be consulted.		<b>Summary Description:</b>  Identified as Site 18 in the MIR 2015.
<b>Removed</b>	<b>Site Size (ha): 0.44</b>	<b>Current Use:</b> Possibly used as grazing land.	Site 18 is a new site which is located to the west of Guardhouse Park, adjacent to Hoymansquoy. It is included in both options 1 and 2.

Site assessment question	Related SEA topic	Comment Information available – GIS/site visit?	Scoring pre mitigation	Mitigation	Scoring post mitigation
<b>Climate change</b>					
Is the proposal close to a range of facilities? Can these be accessed by public transport?	Population and Human health	The site is within 15-20 minutes walking range of Stromness Primary School and Stromness Academy, as well as a number of shops.	+	N/A	+
Is the proposal protected from prevailing winds?		Site 18 is surrounded on three sides by housing so is relatively sheltered.	+	The settlement statement will provide guidance on how to achieve benefit from shelter and solar gain through the form, orientation and design of buildings.	+
Site aspect – does the proposal make best use of solar gain?		Yes, the site is quite open to the east and the south and benefits from direct sunlight for most of the day.	+		+
Is the proposal thought to be at risk of flooding or could its development result in additional flood risk elsewhere?	Water and Human Health	Site 18 is not considered to be at risk of flooding and its development is unlikely to increase flood risk elsewhere.	0	N/A	0
Could the development of the proposal help alleviate any existing flooding problems in the area?	Water	No.	0	N/A	0
<b>Biodiversity, Flora and Fauna</b>					
To what extent will the proposal affect any international or national biodiversity designation, e.g. SAC/SPA/Ramsar/SSSI?		There is no connectivity between the proposal and any of Orkney's international and national designations. Its development is therefore unlikely to have any effect on their qualifying interests or their integrity.	0	N/A	0

To what extent will the proposal affect any locally important designations such as LNRs or LNCSSs.		The proposal is remote from any of Orkney's locally important designations and its development is unlikely to have any effect on their integrity.	0	N/A	0
To what extent will the proposal affect non designated features – e.g. trees, TPOs, hedges, woodland, species rich grasslands,		Proposal is unlikely to affect any non-designated features as it is currently improved grassland.	0	N/A	0
To what extent will the proposal affect Protected Species –e.g. bats, otters, etc.?		The proposal is unlikely to affect protected species.	0	N/A	0
How will habitat connectivity or wildlife corridors be affected by the proposal – will it result in habitat fragmentation or greater connectivity?		Vegetation on site is improved grassland and has limited ecological value.	0	N/A	0
<b>Water</b>					
Could the option result in a change of status of a water body or significantly affect a designated water body as identified in the Scotland River Basin Management Plan?  Can the proposal connect to the public foul sewer?	Water	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria..	0	N/A	0
Could the proposal have a direct impact on the water environment (for example result in the need for watercourse crossings or allow the de-culverting of a watercourse?)	Water	No.	0	N/A	0
Does the proposal avoid impact on Groundwater Dependent Terrestrial Ecosystems (GWDTEs), i.e. are there any wetlands and boggy areas on the site?	Water and Biodiversity, Fauna and Flora	No.	0	N/A	0
For large scale developments are there any private or public water supplies within 250m of	Water and Human	No.	0	N/A	0

the proposal which may be affected?	Health				
<b>Soils</b>					
Is the proposal on greenfield or brownfield land? Does it result in the loss of high quality agricultural land?	Material Assets and Soils	Site 18 is on greenfield land; however it is within the town boundary and is not intensively managed for agriculture.	0	N/A	0
Are there any contaminated soil issues on the proposal and if so, will the option reduce contamination?	Material Assets and Soils	No.	0	N/A	0
Is the proposal on peatland and could the development of the site lead to a loss of peat?	Climatic Factors and Soils	No.	0	N/A	0
<b>Geology</b>					
Are there any national geodiversity sites that could be affected by the proposal?		No.	0	N/A	0
Are there any local geodiversity sites or wider geodiversity interests that could be affected by the proposal?		No.	0	N/A	0
<b>Landscape</b>					
To what extent will any designated sites be affected – including NSAs and local landscape designations?	Landscape	Site 18 is within the NSA.	?	The settlement statement will highlight that Stromness is within the NSA.	0
Does the proposal ensure that development does not exceed the capacity of the landscape to accommodate it? Such as current settlement boundaries, existing townscape and character	Landscape	The proposal is located within the settlement boundary in an area described by the Stromness Urban Design Framework as a second tier area. These	?	The settlement statement will provide guidance on	0

of surrounding area?		are more sparsely developed areas and, although there are still important links to the town's core, there is more potentially developable land in these areas.		siting, layout and design to promote development that is sensitive to the local character of the landscape.	
To what extent will the proposal affect features of landscape interest, including the distinctive character of the landscape and the qualities of wild land?	landscape	The Stromness UDF describes the land use in this area as almost exclusively residential.  There is no wild land in the area.	?		0
<b>Cultural Heritage</b>					
Is development of the proposal likely to affect any scheduled monuments or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any locally important archaeological site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any listed buildings and/or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any Conservation Areas? (e.g. will it result in the demolition of any buildings)	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any Inventory Garden and Designed Landscape?	Cultural heritage, & links with landscape	No.	0	N/A	0

Is development of the proposal likely to affect the Heart of Neolithic Orkney World Heritage Site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to result in the opportunity to enhance or improve access to the historic environment?	Cultural heritage, & links with landscape	No.	0	N/A	0
<b>Service Infrastructure</b>					
Are there educational or health facilities nearby?	Population	There is both a primary and secondary school in Stromness and the International Centre for Island Technology (a part of Heriot-Watt University) is also based in the town. Health facilities include a medical practice and a dental practice, as well as a swimming pool and fitness suite.	+	N/A	+
To what extent will the proposal affect the quality and quantity of open space and connectivity and accessibility to open space, or result in a loss of open space?	Population, human health or material assets	Development of the site would not affect publicly accessible open space.	0	N/A	0
To what extent will development of the proposal affect core path links or other key access networks such as cycle paths, coastal paths and rights of way?	Population, human health, material assets or climatic factors	Development of the site would not affect core paths or other key access routes.	0	N/A	0
Is there any opportunity to enhance the green network through for example green infrastructure on site?	Population, human health or material assets	Uncertain.	?	Any options for enhancement will be highlighted in the settlement statement. Further guidance is available in the Orkney	?

			Open Space Strategy.		
<b>Material assets</b>					
Will development of the proposal minimise demand on primary resources e.g. does it re-use an existing structure or recycle or recover existing on-site materials / resources?		Yes, new development will link into existing infrastructure and services.	+	N/A	+
Is the proposal in the vicinity of a waste management site and could its development therefore compromise the waste handling operation?	Human health	No.	0	N/A	0
<b>Deliverability/sustainability constraints</b>					
Will the proposal be delivered within the LDP timeframe? Are there any site servicing constraints, e.g. waste water treatment capacity?	Material assets	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria..	0	N/A	0
Are there any vehicular access constraints or opportunities - is the road network capable of accommodating traffic generated?	Material assets and climatic factors	Access to this site would require improvements to the access from the private track onto Back Road at Guardhouse Park. This would be a problem due to the close proximity of existing buildings.	--	N/A.	--

<b>STROMNESS</b>	<b>Source of site suggestion:</b> LDP review. Landowner yet to be consulted.	<b>Summary Description:</b> Identified as Site 19 in the MIR 2015.
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<b>Removed</b>	<b>Site Size (ha): 0.63</b>	<b>Current Use:</b> Possibly used as grazing land.	Site 19 is a new site which is located to the west of Guardhouse Park. It is included in both options 1 and 2.		
Site assessment question	Related SEA topic	Comment Information available – GIS/site visit?	Scoring pre mitigation	Mitigation	Scoring post mitigation
<b>Climate change</b>					
Is the proposal close to a range of facilities? Can these be accessed by public transport?	Population and Human health	The site is within 15-20 minutes walking range of Stromness Primary School and Stromness Academy, as well as a number of shops.	+	N/A	+
Is the proposal protected from prevailing winds?		Site 19 is surrounded on three sides by housing so is relatively sheltered.	+	The settlement statement will provide guidance on how to achieve benefit from shelter and solar gain through the form, orientation and design of buildings.	+
Site aspect – does the proposal make best use of solar gain?		Yes, the site is quite open to the east and the south and benefits from direct sunlight for most of the day.	+		+
Is the proposal thought to be at risk of flooding or could its development result in additional flood risk elsewhere?	Water and Human Health	Site 19 is not considered to be at risk of flooding and its development is unlikely to increase flood risk elsewhere.	0	N/A	0
Could the development of the proposal help alleviate any existing flooding problems in the area?	Water	No.	0	N/A	0
<b>Biodiversity, Flora and Fauna</b>					

To what extent will the proposal affect any international or national biodiversity designation, e.g. SAC/SPA/Ramsar/SSSI?		There is no connectivity between the proposal and any of Orkney's international and national designations. Its development is therefore unlikely to have any effect on their qualifying interests or their integrity.	0	N/A	0
To what extent will the proposal affect any locally important designations such as LNRs or LNCSs.		The proposal is remote from any of Orkney's locally important designations and its development is unlikely to have any effect on their integrity.	0	N/A	0
To what extent will the proposal affect non designated features – e.g. trees, TPOs, hedges, woodland, species rich grasslands,		Proposal is unlikely to affect any non-designated features as it is currently improved grassland.	0	N/A	0
To what extent will the proposal affect Protected Species –e.g. bats, otters, etc.?		The proposal is unlikely to affect protected species.	0	N/A	0
How will habitat connectivity or wildlife corridors be affected by the proposal – will it result in habitat fragmentation or greater connectivity?		Vegetation on site is improved grassland and has limited ecological value.	0	N/A	0
<b>Water</b>					
Could the option result in a change of status of a water body or significantly affect a designated water body as identified in the Scotland River Basin Management Plan?  Can the proposal connect to the public foul sewer?	Water	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria..	0	N/A	0
Could the proposal have a direct impact on the water environment (for example result in the need for watercourse crossings or allow the de-culverting of a watercourse?)	Water	No.	0	N/A	0

Does the proposal avoid impact on Groundwater Dependent Terrestrial Ecosystems (GWDTEs), i.e. are there any wetlands and boggy areas on the site?	Water and Biodiversity, Fauna and Flora	No.	0	N/A	0
For large scale developments are there any private or public water supplies within 250m of the proposal which may be affected?	Water and Human Health	No.	0	N/A	0
<b>Soils</b>					
Is the proposal on greenfield or brownfield land? Does it result in the loss of high quality agricultural land?	Material Assets and Soils	Site 19 is on greenfield land; however it is within the town boundary and is not intensively managed for agriculture.	0	N/A	0
Are there any contaminated soil issues on the proposal and if so, will the option reduce contamination?	Material Assets and Soils	No.	0	N/A	0
Is the proposal on peatland and could the development of the site lead to a loss of peat?	Climatic Factors and Soils	No.	0	N/A	0
<b>Geology</b>					
Are there any national geodiversity sites that could be affected by the proposal?		No.	0	N/A	0
Are there any local geodiversity sites or wider geodiversity interests that could be affected by the proposal?		No.	0	N/A	0
<b>Landscape</b>					
To what extent will any designated sites be affected – including NSAs and local landscape	Landscape	Site 19 is within the NSA.	?	The settlement statement will highlight that	0

designations?				Stromness is within the NSA.	
Does the proposal ensure that development does not exceed the capacity of the landscape to accommodate it? Such as current settlement boundaries, existing townscape and character of surrounding area?	Landscape	The proposal is located within the settlement boundary in an area described by the Stromness Urban Design Framework as a second tier area. These are more sparsely developed areas and, although there are still important links to the town's core, there is more potentially developable land in these areas.	?	The settlement statement will provide guidance on siting, layout and design to promote development that is sensitive to the local character of the landscape.	0
To what extent will the proposal affect features of landscape interest, including the distinctive character of the landscape and the qualities of wild land?	landscape	The Stromness UDF describes second tier areas as almost exclusively residential.  There is no wild land in the area.	?		0
<b>Cultural Heritage</b>					
Is development of the proposal likely to affect any scheduled monuments or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any locally important archaeological site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any listed buildings and/or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect any Conservation Areas? (e.g. will it result in the demolition of any buildings)	Cultural heritage, & links with	No.	0	N/A	0

	landscape				
Is development of the proposal likely to affect any Inventory Garden and Designed Landscape?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to affect the Heart of Neolithic Orkney World Heritage Site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the proposal likely to result in the opportunity to enhance or improve access to the historic environment?	Cultural heritage, & links with landscape	No.	0	N/A	0
<b>Service Infrastructure</b>					
Are there educational or health facilities nearby?	Population	There is both a primary and secondary school in Stromness and the International Centre for Island Technology (a part of Heriot-Watt University) is also based in the town. Health facilities include a medical practice and a dental practice, as well as a swimming pool and fitness suite.	+	N/A	+
To what extent will the proposal affect the quality and quantity of open space and connectivity and accessibility to open space, or result in a loss of open space?	Population, human health or material assets	Development of the site would not affect publicly accessible open space.	0	N/A	0
To what extent will development of the proposal affect core path links or other key access networks such as cycle paths, coastal paths and rights of way?	Population, human health, material assets or climatic factors	Development of the site would not affect core paths or other key access routes.	0	N/A	0

Is there any opportunity to enhance the green network through for example green infrastructure on site?	Population, human health or material assets	Uncertain.	?	Any options for enhancement will be highlighted in the settlement statement. Further guidance is available in the Orkney Open Space Strategy.	?
<b>Material assets</b>					
Will development of the proposal minimise demand on primary resources e.g. does it re-use an existing structure or recycle or recover existing on-site materials / resources?		Yes, new development will link into existing infrastructure and services.	+	N/A	+
Is the proposal in the vicinity of a waste management site and could its development therefore compromise the waste handling operation?	Human health	No.	0	N/A	0
<b>Deliverability/sustainability constraints</b>					
Will the proposal be delivered within the LDP timeframe? Are there any site servicing constraints, e.g. waste water treatment capacity?	Material assets	There is currently capacity at Stromness waste water treatment works; however, should demand exceed available capacity, Scottish Water will initiate a Growth Project once one development meets the 5 Growth Criteria..	0	N/A	0
Are there any vehicular access constraints or opportunities - is the road network capable of accommodating traffic generated?	Material assets and climatic factors	Access to this site would require improvements to the access from the private track onto Back Road at Guardhouse Park. This would be a problem due to the close proximity of existing buildings.	--	This allocation may need to be removed.	--

<b>STROMNESS</b>		<b>Source of site suggestion:</b> Submitted in response to the call for sites.		<b>Summary Description:</b> Identified as Site 22 in the MIR 2015.  This is a triangular area of land to the west of the town boundary, in the Innertown area, close to Brinkie's Brae. It is included in Option 2 but not in Option 1.		
<b>Removed</b>		<b>Site Size (ha):</b> 1.52	<b>Current Use:</b> Agriculture.			
<b>Site assessment question</b>	<b>Related SEA topic</b>	<b>Comment Information available – GIS/site visit?</b>		<b>Scoring pre mitigation</b>	<b>Mitigation</b>	<b>Scoring post mitigation</b>
<b>Climate change</b>						
Is the site close to a range of facilities? Can these be accessed by public transport?	Population and Human health	No.		-	N/A	-
Is the site protected from prevailing winds?		No – site is relatively exposed to winds from the NW, W and SW.		-	The settlement statement will provide guidance on how to achieve benefit from shelter and solar gain through the form, orientation and design of buildings.	0
Site aspect – does the site make best use of solar gain?		Yes, the site is relatively open.		+		+
Is the site thought to be at risk of flooding or could its development result in additional flood risk elsewhere?	Water and Human Health	The site is not thought to be at risk of flooding and its development is unlikely to increase flood risk elsewhere.		0	N/A	0
Could the development of the site help alleviate any existing flooding problems in the area?	Water	Unlikely.		0	N/A	0
<b>Biodiversity, Flora and Fauna</b>						

To what extent will the proposal affect any international or national biodiversity designation, e.g. SAC/SPA/Ramsar/SSSI?		There is no connectivity between the proposal and any of Orkney's international and national designations. Its development is therefore unlikely to have any effect on their qualifying interests or their integrity.	0	N/A	0
To what extent will the proposal affect any locally important designations such as LNRs or LNCSs.		Site 20 borders the Brinkie's Brae Local Nature Conservation Site.	?	The Settlement Statement will highlight the presence of the LNCS.	0
To what extent will the proposal affect non designated features – e.g. trees, TPOs, hedges, woodland, species rich grasslands,		Development of site 20 is unlikely to affect any non-designated features as it is currently managed for agriculture.	0	N/A	0
To what extent will the proposal affect Protected Species –e.g. bats, otters, etc.?		Development of site 20 is unlikely to affect protected species.	0	N/A	0
How will habitat connectivity or wildlife corridors be affected by the proposal – will it result in habitat fragmentation or greater connectivity?		Vegetation on site is improved grassland and has limited ecological value.	0	N/A	0
<b>Water</b>					
Could the option result in a change of status of a water body or significantly affect a designated water body as identified in the Scotland River Basin Management Plan?  Can the option connect to the public foul sewer?	Water	Uncertain. It is unlikely that development on this site could connect to the public sewer.	-	Private foul water drainage will be deemed acceptable for small scale developments, provided that they comply with the current LDP policy on waste water drainage.	0
Could the option have a direct impact on the water environment (for example result in the need for watercourse crossings or allow the de-culverting of a watercourse?)	Water	Unlikely.	0	N/A	0

Does the option avoid impact on Groundwater Dependent Terrestrial Ecosystems (GWDTEs), i.e. are there any wetlands and boggy areas on the site?	Water and Biodiversity, Fauna and Flora	There are no wetlands or boggy areas on the site.	0	N/A	0
For large scale developments are there any private or public water supplies within 250m of the site which may be affected?	Water and Human Health	No.	0	N/A	0
<b>Soils</b>					
Is the option on greenfield or brownfield land?	Material Assets and Soils	The option is a greenfield site which is classified as category 6 <sub>2</sub> lands and capable of use only as rough grazing.	0	N/A	0
Are there any contaminated soil issues on the site and if so, will the option reduce contamination?	Material Assets and Soils	No.	0	N/A	0
Is the proposal on peatland and could the development of the site lead to a loss of peat?	Climatic Factors and Soils	No.	0	N/A	0
<b>Geology</b>					
Are there any national geodiversity sites that could be affected by the proposal?		The site is remote from any of Orkney's national geodiversity sites and its development is unlikely to have any effect on their integrity.	0	N/A	0
Are there any local geodiversity sites or wider geodiversity interests that could be affected by the proposal?		The site is remote from any of Orkney's local geodiversity sites and its development is unlikely to have any effect on their integrity.	0	N/A	0
<b>Landscape</b>					

To what extent will any designated sites be affected – including NSAs and local landscape designations?	Landscape	Site 20 is located within the Hoy and West Mainland NSA.	?	The settlement statement will highlight that Stromness is within the NSA.	0
Does the proposal ensure that development does not exceed the capacity of the landscape to accommodate it? Such as current settlement boundaries, existing townscape and character of surrounding area?	Landscape	Site 20 is located outside the Stromness settlement boundary and has little visual connection with the town.	-	The settlement statement will provide guidance on siting, layout and design to promote development that is sensitive to the local character of the landscape.	?
To what extent will the proposal affect features of landscape interest, including the distinctive character of the landscape and the qualities of wild land?	landscape	The Orkney Landscape Character Assessment (1998) classifies this area as Coastal Granite Pastures and the landscape of the surrounding area is predominantly rural in character.  There is no wild land in this area.	-		?
<b>Cultural Heritage</b>					
Is development of the site likely to affect any scheduled monuments or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the site likely to affect any locally important archaeological site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the site likely to affect any listed buildings and/or their setting?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the site likely to affect any Conservation Areas? (e.g. will it result in the demolition of any buildings)	Cultural heritage, &	No.	0	N/A	0

	links with landscape				
Is development of the site likely to affect any Inventory Garden and Designed Landscape?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the site likely to affect the Heart of Neolithic Orkney World Heritage Site?	Cultural heritage, & links with landscape	No.	0	N/A	0
Is development of the site likely to result in the opportunity to enhance or improve access to the historic environment?	Cultural heritage, & links with landscape	No.	0	N/A	0
<b>Service Infrastructure</b>					
Are there educational or health facilities nearby?	Population	No.	-	N/A	-
To what extent will the proposal affect the quality and quantity of open space and connectivity and accessibility to open space, or result in a loss of open space?	Population, human health or material assets	Development of site 20 would be unlikely to affect access to open space.	0	N/A	0
To what extent will development of the site affect core path links or other key access networks such as cycle paths, coastal paths and rights of way?	Population, human health, material assets or climatic factors	Core paths Wm 31 and 32 pass along the boundaries of Site 20.	+	The settlement statement will highlight the presence of the core path, encouraging new development to link into it where possible.	+
Is there any opportunity to enhance the green network through for example green	Population, human health or material	Uncertain.	?	Any options for enhancement will be highlighted in the	?

infrastructure on site?	assets			settlement statement. Further guidance is available in the Orkney Open Space Strategy.	
<b>Material assets</b>					
Will development of the site minimise demand on primary resources e.g. does it re-use an existing structure or recycle or recover existing on-site materials / resources?		Yes, new development will link into existing infrastructure and services.	+	N/A	+
Is the site in the vicinity of a waste management site and could its development therefore compromise the waste handling operation?	Human health	No	0	N/A	0
<b>Deliverability/sustainability constraints</b>					
Will the site be delivered within the LDP timeframe? Are there any site servicing constraints, e.g. waste water treatment capacity?	Material assets	Uncertain. It is unlikely that development on this site could connect to the public sewer.	-	Private foul water drainage will be deemed acceptable for small scale developments, provided that they comply with the current LDP policy on waste water drainage.	0
Are there any vehicular access constraints or opportunities - is the road network capable of accommodating traffic generated?	Material assets and climatic factors	Road improvements will be required on the Brownstown Road before any development can be permitted.	--	The settlement statement should highlight the requirement for road improvements before development can be permitted.	0