APPENDIX 12.1 HEALTH IMPACT ASSESSMENT

Section 1 – HUDU Rapid Health Impact Assessment Matrix

The assessment matrix is designed to rapidly assess the likely health impacts of development plans and proposals, including planning frameworks and masterplans for large areas, regeneration and estate renewal programmes and outline and detailed planning applications. It should be used prospectively at the earliest possible stage during plan preparation, or prior to the submission of a planning application to inform the design, layout and composition of a development proposal.

The matrix does not identify all issues related to health and wellbeing, but focuses on the built environment and issues directly or indirectly influenced by planning decisions. It is generic and should be localised for specific use. Not all the issues or assessment criteria may be relevant and the user is encouraged to prioritise specific actions which focus on key impacts.

The assessment matrix identifies eleven topics or broad determinants. Under each topic, Section 2 of the tool identifies examples of planning issues which are likely to influence health and wellbeing and the section also provides supporting information and references.

Health impacts may be short-term or temporary, related to construction or longer-term, related to the operation and maintenance of a development and may particularly affect vulnerable or priority groups of the population. This should be indicated in the details / evidence section. Where an impact is identified, actions should be recommended to mitigate a negative impact or enhance or secure a positive impact.

Name of assessor / organisation: David Horrocks, RSK.				
Name of project (plan or proposal): Land South of Radwinter Road				
Planning reference (if applicable): N/A				
Location of project: East of Saffron Walden				
Date of assessment: May 2021				

1 Housing design and affordability

Assessment criteria	Relevant?	Details/evidence	Potential health impact?	Recommended mitigation or enhancement actions
Does the proposal seek to meet all 16 design criteria of the Lifetime Homes Standard or meet Building Regulation requirement M4 (2)?	☐ Yes ☐ No ☑ N/A	The planning application for the proposed development is at outline stage but there is nothing that would prejudice these standards being met.	 Positive Negative Neutral Uncertain 	N/A.
Does the proposal address the housing needs of older people, ie extra care housing, sheltered housing, lifetime homes and wheelchair accessible homes?	☑ Yes □ No □ N/A	No extra care or sheltered housing provision is planned. The planning application for the proposed development is at outline stage but t here is nothing that would prejudice the lifetime home standard being met.	 Positive Negative Neutral Uncertain 	No mitigation needed.
Does the proposal include homes that can be adapted to support independent living for older and disabled people?	☑ Yes □ No □ N/A	The planning application for the proposed development is at outline stage but there is nothing that would prejudice homes being adapted to support older people or those with disabilities.	 Positive Negative Neutral Uncertain 	No mitigation needed.
Does the proposal promote good design through layout and orientation, meeting internal space standards?	☐ Yes ☐ No ☑ N/A	The layout of the proposed development is a matter reserved for consideration, however the Design and Access Statement will set out a comprehensive and high quality design vision that will influence subsequent details.	 Positive Negative Neutral Uncertain 	N/A.
Does the proposal include a range of housing types and sizes, including affordable housing responding to local housing needs?	☑ Yes □ No □ N/A	Yes, there is expected to be a mix of housing type and sizes ranging from one bed flats to four bed houses. There is expected to be an approximate split of 60% private and 40% affordable housing types.	 Positive Negative Neutral Uncertain 	No mitigation needed.
Does the proposal contain homes that are highly energy efficient (eg a high SAP rating)?	☑ Yes □ No □ N/A	The proposed development will be built to standard building requirements including standard best practice measures relating to energy efficiency.	 Positive Negative Neutral Uncertain 	No mitigation needed.

2 Access to health and social care services and other social infrastructure

Assessment criteria	Relevant?	Details/evidence	Potential health impact?	Recommended mitigation or enhancement actions
Does the proposal retain or re- provide existing social infrastructure?	☐ Yes ☐ No ☑ N/A	No existing social infrastructure to retain.	 Positive Negative Neutral Uncertain 	N/A.
Does the proposal assess the impact on health and social care services and has local NHS organisations been contacted regarding existing and planned healthcare capacity?	☐ Yes ☑ No ☐ N/A	The proposed development would result in approximately 501 new residents. It is not expected that all of these residents would be completely new to the area however the worst case scenario with regards to access for services is that approximately 501 people move into the area from outside of the area. Given the current population of Uttlesford is 31,316, this worst case scenario does not represent a significant increase in the number of new patients that health and social care services might see. As such, here is no requirement to liaise with local NHS organisations	 Positive Negative Neutral Uncertain 	No mitigation needed.
Does the proposal include the provision, or replacement of a healthcare facility and does the facility meet NHS requirements?	☐ Yes ☐ No ☑ N/A	There are no plans to create any healthcare facilities and none currently present.	 Positive Negative Neutral Uncertain 	N/A.
Does the proposal assess the capacity, location and accessibility of other social infrastructure, eg primary, secondary and post 19 education needs and community facilities?	☐ Yes ☑ No ☐ N/A	The proposed development would result in approximately 501 new residents. It is not expected that all of these residents would be completely new to the area however the worst case scenario with regards to social infrastructure is that approximately 501 people move into the area from outside of the area. Given the current population of Uttlesford is 31,316, this worst case scenario does not represent a significant increase in the number of new people that may look to use the existing social infrastructure.	 Positive Negative Neutral Uncertain 	No mitigation needed.
Does the proposal explore opportunities for shared community use and co-location of services?	☐ Yes ☐ No ☑ N/A	There are opportunities for appropriate community activities utilising the open space to be included throughout the development.	 Positive Negative Neutral Uncertain 	N/A.

3 Access to open space and nature

Assessment criteria	Relevant?	Details/evidence	Potential health impact?	Recommended mitigation or enhancement actions
Does the proposal retain and enhance existing open and natural spaces?	☑ Yes □ No □ N/A	More than 50% of the development will be open space and this will provide connectivity opportunities that will promote walking and cycling.	Positive Negative Neutral Uncertain	No mitigation needed.
In areas of deficiency, does the proposal provide new open or natural space, or improve access to existing spaces?	☑ Yes □ No □ N/A	More than 50% of the development will be open space and this will provide connectivity opportunities that will promote walking and cycling.	Positive Negative Neutral Uncertain	No mitigation needed.
Does the proposal provide a range of play spaces for children and young people?	☐ Yes ☐ No ☑ N/A	The development masterplan shows informal and formal open space areas where this can be accommodated.	 Positive Negative Neutral Uncertain 	N/A.
Does the proposal provide links between open and natural spaces and the public realm?	☑ Yes □ No □ N/A	The completed masterplan will allow the residential space to link to the existing surrounding areas.	Positive Negative Neutral Uncertain	No mitigation needed.
Are the open and natural spaces welcoming and safe and accessible for all?	☑ Yes □ No □ N/A	The open spaces will be designed to be safe, accessible and welcoming for all providing opportunities for development to front onto public spaces.	Positive Negative Neutral Uncertain	No mitigation needed.
Does the proposal set out how new open space will be managed and maintained?	☐ Yes ☑ No ☐ N/A	It is expected that the PoS will be managed by Saffron Walden TC and they have expressed an interest in this.	 Positive Negative Neutral Uncertain 	No mitigation needed.

4 Air quality, noise and neighbourhood amenity

Assessment criteria	Relevant?	Details/evidence	Potential health impact?	Recommended mitigation or enhancement actions
Does the proposal minimise construction impacts such as dust, noise, vibration and odours?	☑ Yes □ No □ N/A	Construction works will be undertaken in line with current best practice measures to prevent or mitigate the level of impacts relating to dust, noise, vibration, and odours etc.	 Positive Negative Neutral Uncertain 	No mitigation needed.
Does the proposal minimise air pollution caused by traffic and energy facilities?	☑ Yes □ No □ N/A	The proposed development will encourage sustainable transport and active travel therefore aiming to reduce the use of personal vehicles.	 Positive Negative Neutral Uncertain 	No mitigation needed.
Does the proposal minimise noise pollution caused by traffic and commercial uses?	☑ Yes □ No □ N/A	Vehicle traffic will be minimised through designs encouraging active and green travel therefore minimising noise pollution.	 Positive Negative Neutral Uncertain 	No mitigation needed.

5 Accessibility and active travel

Assessment criteria	Relevant?	Details/evidence	Potential health impact?	Recommended mitigation or enhancement actions
Does the proposal address the ten Healthy Streets indicators?	☐ Yes ☐ No ☑ N/A	Not applicable to this development.	 Positive Negative Neutral Uncertain 	N/A.
Does the proposal prioritise and encourage walking, for example through the use of shared spaces?	☑ Yes □ No □ N/A	Green and active travel will be encouraged throughout the design.	 Positive Negative Neutral Uncertain 	No mitigation needed.
Does the proposal prioritise and encourage cycling, for example by providing secure cycle parking, showers and cycle lanes?	☑ Yes □ No □ N/A	As above, green and active travel will be encouraged throughout the design. At the design stage there are proposals for all dwellings to have access to a safe storage area for bicycles e.g. garages or bike storage boxes.	 Positive Negative Neutral Uncertain 	No mitigation needed.
Does the proposal connect public realm and internal routes to local and strategic cycle and walking networks?	☑ Yes □ No □ N/A	Yes, as shown on the illustrative layout walking and cycling will be encouraged throughout the development.	Positive Negative Neutral Uncertain	No mitigation needed.
Does the proposal include traffic management and calming measures to help reduce and minimise road injuries?	☑ Yes □ No □ N/A	As detailed within the transport assessment and travel plan for the proposed development, measures will be undertaken to actively promote travel on foot, bicycle and public buses in order to reduce the level of car traffic generated. Additionally junction remodelling is proposed to help local roads improve their safety and journey efficiency.	Positive Negative Neutral Uncertain	No mitigation needed.

Assessment criteria	Relevant?	Details/evidence	Potential health impact?	Recommended mitigation or enhancement actions
Is the proposal well connected to public transport, local services and facilities?	☑ Yes □ No □ N/A	New bus stops and services are proposed as part of the new infrastructure to support the proposed development.	 Positive Negative Neutral Uncertain 	No mitigation needed.
Does the proposal seek to reduce car use by reducing car parking provision, supported by the controlled parking zones, car clubs and travel plans measures?	☑ Yes □ No □ N/A	Yes, as detailed within the transport assessment and travel plan there are a range of measures aimed at reducing car use including car clubs, car sharing schemes and promotion of active travel through discounted bike purchase schemes.	 Positive Negative Neutral Uncertain 	No mitigation needed.
Does the proposal allow people with mobility problems or a disability to access buildings and places?	☑ Yes □ No □ N/A	The planning application for the proposed development is at outline stage but there is nothing that would prejudice such standards being met.	 Positive Negative Neutral Uncertain 	No mitigation needed.

6 Crime reduction and community safety

Assessment criteria	Relevant?	Details/evidence	Potential health impact?	Recommended mitigation or enhancement actions
Does the proposal incorporate elements to help design out crime?	☑ Yes □ No □ N/A	The design is currently being developed and details around designing out crime are yet to be finalised. However measures around active frontages and overlooking of key spaces will be considered as appropriate.	Positive Control Regative Regative Reutral Control Control Reutral	No mitigation needed.
Does the proposal incorporate design techniques to help people feel secure and avoid creating 'gated communities'?	☑ Yes □ No □ N/A	The design is currently being developed and details around feeling secure are yet to be finalised. However measures around perceptions of security and safety will be considered within the Design and Access Statement.	 Positive Negative Neutral Uncertain 	No mitigation needed.
Does the proposal include attractive, multi-use public spaces and buildings?	☑ Yes □ No □ N/A	Yes there are multi space buildings shown within the illustrative masterplan for the proposed development.	 Positive Negative Neutral Uncertain 	No mitigation needed.
Has engagement and consultation been carried out with the local community and voluntary sector?	☑ Yes □ No □ N/A	Consultation was undertaken with Saffron Walden Town C ouncil and Sewards End Parish Council at an early stage in the planning application process.	 Positive Negative Neutral Uncertain 	No mitigation needed.

7 Access to healthy food

Assessment criteria	Relevant?	Details/evidence	Potential health impact?	Recommended mitigation or enhancement actions
Does the proposal facilitate the supply of local food, for example allotments, community farms and farmers' markets?	☐ Yes ☑ No ☐ N/A	The open space within the illustrative masterplan gives options for such initiatives to be undertaken.	 Positive Negative Neutral Uncertain 	No mitigation needed.
Is there a range of retail uses, including food stores and smaller affordable shops for social enterprises?	☐ Yes ☐ No ☑ N/A	The Proposed Development does not include a mix of retail with a focus on food.	 Positive Negative Neutral Uncertain 	N/A.
Does the proposal avoid contributing towards an over-concentration of hot food takeaways in the local area?	☐ Yes ☐ No ☑ N/A	No plans to create space for new takeaway services as part of the development.	 Positive Negative Neutral Uncertain 	N/A.

8 Access to work and training

Assessment criteria	Relevant?	Details/evidence	Potential health impact?	Recommended mitigation or enhancement actions
Does the proposal provide access to local employment and training opportunities, including temporary construction and permanent 'end-use' jobs?	☑ Yes □ No □ N/A	As outlined in the transport assessment and travel plan, the proposed development will offer sustainable links via active travel, public transport and private vehicle travel to the wider area for a range of purposes.	 ✓ Positive Negative Neutral Uncertain 	No mitigation needed.
Does the proposal provide childcare facilities?	☐ Yes ☑ No ☐ N/A	No childcare facilities provided.	 ☐ Positive ☐ Negative ☑ Neutral ☐ Uncertain 	No mitigation needed.
Does the proposal include managed and affordable workspace for local businesses?	☐ Yes ☑ No ☐ N/A	None provided.	 Positive Negative Neutral Uncertain 	No mitigation needed.
Does the proposal include opportunities for work for local people via local procurement arrangements?	☐ Yes ☑ No ☐ N/A	None provided.	 Positive Negative Neutral Uncertain 	No mitigation needed.

9 Social cohesion and inclusive design

Assessment criteria	Relevant?	Details/evidence	Potential health impact?	Recommended mitigation or enhancement actions
Does the proposal consider health inequalities by addressing local needs through community engagement?	☐ Yes ☑ No ☐ N/A	No community engagement directly relating to health inequalities has been undertaken.	 Positive Negative Neutral Uncertain 	No mitigation needed.
Does the proposal connect with existing communities, ie layout and movement which avoids physical barriers and severance and land uses and spaces which encourage social interaction?	⊻ Yes □ No □ N/A	The completed design for the proposed development will connect with the wider I ocal area allowing people to move into and around the area freely including a continuous footway that will be provided into Saffron Walden.	 Positive Negative Neutral Uncertain 	No mitigation needed.
Does the proposal include a mix of uses and a range of community facilities?	☑ Yes □ No □ N/A	The proposal includes housing and green infrastructure.	 Positive Negative Neutral Uncertain 	No mitigation needed.
Does the proposal provide opportunities for the voluntary and community sectors?	☑ Yes □ No □ N/A	Yes, areas of public open space will allow for multi-functional benefits.	 Positive Negative Neutral Uncertain 	No mitigation needed.
Does the proposal take into account issues and principles of inclusive and age-friendly design?	⊻ Yes □ No □ N/A	The proposals are at design phase however there is nothing preventing the development incorporating inclusive and age-friendly design.	 Positive Negative Neutral Uncertain 	No mitigation needed.

10 Minimising the use of resources

Assessment criteria	Relevant?	Details/evidence	Potential health impact?	Recommended mitigation or enhancement actions
Does the proposal make best use of existing land?	⊻ Yes □ No □ N/A	Yes, design of the site has been constraints led and achieved a net average density appropriate to the local context.	 Positive Negative Neutral Uncertain 	No mitigation needed.
Does the proposal encourage recycling, including building materials?	☐ Yes ☑ No ☐ N/A	No such proposals have been included in the design at this stage.	 Positive Negative Neutral Uncertain 	No mitigation needed.
Does the proposal incorporate sustainable design and construction techniques?	✓ Yes☐ No☐ N/A	At this stage the design of the Proposed Development is yet to be finalised however it will meet all relevant standards for design and construction techniques relating to sustainability.	 Positive Negative Neutral Uncertain 	No mitigation needed.

11 Climate change

Assessment criteria	Relevant?	Details/evidence	Potential health impact?	Recommended mitigation or enhancement actions
Does the proposal incorporate renewable energy?	☐ Yes ☑ No ☐ N/A	No.	 Positive Negative Neutral Uncertain 	No mitigation needed.
Does the proposal ensure that buildings and public spaces are designed to respond to winter and summer temperatures, for example ventilation, shading and landscaping?	⊻ Yes □ No □ N/A	The Proposed Development is in its design stage but once built it will comply with all relevant design standards with regards to predicted requirements to respond to the potential impacts of climate change.	 Positive Negative Neutral Uncertain 	No mitigation needed.
Does the proposal maintain or enhance biodiversity?	☑ Yes □ No □ N/A	The proposal is currently at design stage, however once completed it will comply with all relevant guidance on maintaining and enhancing biodiversity.	 Positive Negative Neutral Uncertain 	No mitigation needed.
Does the proposal incorporate sustainable urban drainage techniques?	✓ Yes○ No○ N/A	It is noted in the Flood Risk Assessment that Sustainable Drainage measures should be used to control the surface water runoff from the proposed development site, thereby managing the flood risk to the site and surrounding area from surface water runoff.	 Positive Negative Neutral Uncertain 	No mitigation needed.