

## Pre-Construction Health & Safety Design Risk Register Domestic Projects

<b>Project Reference:</b>	G2K_1875– Rev ‘-‘
<b>CDM Project:</b>	Conversion of existing loft space along with associated internal and external alterations
<b>Project Location:</b>	Pilsley Sports Pavilion, 1 Rupert Street, Lower Pilsley, Pilsley, S45 8DB
<b>Principal Designer:</b>	TBC
<b>Principal Contractor:</b>	TBC
<b>Client:</b>	Ms K Gruber
<b>Date:</b>	March 23

Likelihood of harm (L)		Severity of Impact (S)	
1	Very low - Unlikely harm will occur	1	Insignificant
2	Low - Harm may seldom occur	2	Minor - Minor Injury (no lost time) / Damage
3	Medium - Harm may occur frequently	3	Significant - Lost Time Injury / Potential Claim on Insurance for Building Damage
4	High - Likely that harm will occur/near certainty	4	Severe - Major Injury & or over 7 day absence / Discontinuation of Works due to Safety Issues
5	Very High - Very Likely harm will occur/certain	5	Very Severe – Fatality / Building & Or Structural Collapse

5	5	10	15	20	25
4	4	8	12	16	20
3	3	6	9	12	15
2	2	4	6	8	10
1	1	2	3	4	5
	1	2	3	4	5

Likelihood (L)

Severity (S)

### **Risk rating:**

High (Red)

STOP! Hazard must be removed, or all practicable steps are to be taken to reduce risk level

Medium (Amber)

Risk to be controlled as far as is reasonable



Low (Green)


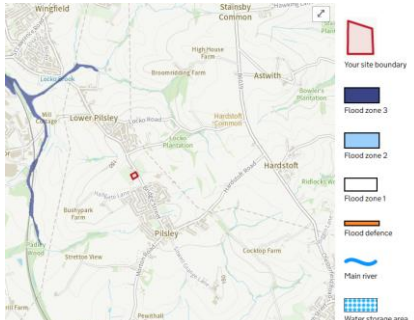
Risk to be controlled as far as is reasonable

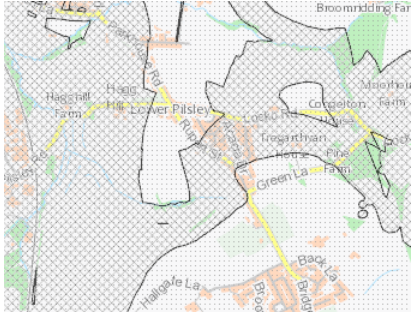
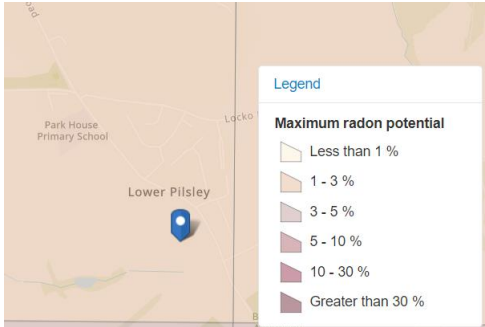
## Pre-Construction Health & Safety Design Risk Register


### Section 1

Every project & site is different, and it's important for the Designers to review carefully the existing arrangements & information as this may be crucial to Design decisions and Risk for both Construction Phase and after completion for End Users.

DRR No	Existing Feature	Design Risk Implications	Risk Rating	Designer Comments
001	Surrounding & Adjacent Land Use.	Yes	L	<p>Predominantly agricultural surrounding application site.</p>  <p>Allotments to the north-east.</p>
002	Existing above ground service locations (electricity, telecoms).	Yes	L	<p>Contractor to be aware of overhead bt apparatus above site entrance.</p>  <p>Contractor to be aware of any surface mounted cables, boiler flue etc.</p> <p>All cables to be isolated / relocated / reconfigured to allow for development to take place.</p> <p>Existing boiler and electric meter / equipment to be isolated / relocated / reconfigured (if required) to allow for development to take place.</p>
003	Existing below ground Service Locations (electricity, water, telecoms, drainage, irrigation).  Utility Service Drawings and or applications Site / Ground Investigation studies (HAXID, HAZCON, HAZOP).	Yes	L	<p>All existing underground services to be checked and located prior to construction, these include gas, electric, water, foul and surface water drainage and coms.</p>
004	Existing Traffic systems within and adjacent to the	Yes	M	<p>Residential road, parking provided on site.</p>

	site (Road, Railways, Canals, Public Rights of Way).			
005	Existing Storage of Hazardous Materials or substances within or adjacent to the proposed site area. Nearby High-Risk Sites (COMAH, Military, Airports).	No	L	<p>Non raised by client (predominantly residential location) / non known within 1km of application site post code.</p> <p><i>Source of information:</i> - Environment Agency Public Register – Environmental Permits for Waste Operation/Environmental Permits for Radioactive Substances.</p> <p><a href="https://www.gov.uk/guidance/access-the-public-register-for-environmental-information">https://www.gov.uk/guidance/access-the-public-register-for-environmental-information</a></p>
006	Security concerns (Vandalism, Anti-social (drugs & Squatters), arson, anti-project pressure groups.	Yes	L	<p>All buildings and materials to be secured prior to construction team leaving site.</p> <p><i>Source of information:</i> - Health &amp; Safety Executive.</p> <p><a href="https://www.hse.gov.uk/construction/safetytopics/publicprotection.htm">https://www.hse.gov.uk/construction/safetytopics/publicprotection.htm</a></p>
007	<p>General Ground Conditions (stability – ground investigation)</p> <p>Contaminated Land (Historic Use – site investigation).</p> <p>Unusual Historic Issues (munitions etc).</p>	Yes	L	<p>Non raised by client (predominantly residential location) / non known within 1km of application site post code.</p> <p>Monitoring to be carried out by contractor during ground works.</p> <p>All foundations/ground works to be carried out and inspected to the complete satisfaction of the appointed building control surveyor.</p> <p><i>Source of information:</i> - Environment Agency Public Register – Environmental Permits for Waste Operation/Environmental Permits for Radioactive Substances.</p> <p><a href="https://www.gov.uk/guidance/access-the-public-register-for-environmental-information">https://www.gov.uk/guidance/access-the-public-register-for-environmental-information</a></p>
008	<p>Marine or other water courses (springs, sub ground aqua, flooding, tides).</p> <p>Flood Risk.</p>	Yes	L	<p>Non identified at time of survey.</p> 

				<p>Site is located within Flood Zone 1 and so risk is deemed negligible.</p> <p><i>Source of information: - Environment Agency – National Rivers Authority.</i></p> <p><a href="https://flood-map-for-planning.service.gov.uk/">https://flood-map-for-planning.service.gov.uk/</a></p> <p><a href="https://environmentagency.blog.gov.uk/tag/national-rivers-authority/">https://environmentagency.blog.gov.uk/tag/national-rivers-authority/</a></p>
009	Records of Mining.	Yes	M	<p>The application site is located just outside of a 'development high risk' coal mining area.</p>  <p>Monitoring to be carried out by contractor during ground works for any coal mining features encountered.</p> <p>If any coal mining features are encountered during development, this should be reported immediately to the coal authority on 0345 7626848 and advice to be sought from a specialist consultant.</p> <p>All ground works to be carried out and inspected to the complete satisfaction of the appointed building control surveyor.</p> <p><i>Source of information: - Coal Authority Interactive Map /Planning Advice Notes 'REF'.</i></p> <p><a href="https://mapapps2.bgs.ac.uk/coalauthority/home.html">https://mapapps2.bgs.ac.uk/coalauthority/home.html</a></p>
010	Radon.	Yes	M	<p>The application site is located within a radon affected area.</p>  <p>Protection is to be provided as detailed in the accompanying drawings and project specification.</p>

				<p>Floor preparation works to be carried out and inspected to the complete satisfaction of the appointed building control surveyor.</p> <p><i>Source of information: - UK Maps Of Radon - Interactive Map.</i></p> <p><a href="https://www.ukradon.org/information/ukmaps">https://www.ukradon.org/information/ukmaps</a></p>
011	Any unusual climatic and environmental conditions (extreme weather factors, e.g., High Wind).	Yes	L	<p>Contractor is to monitor weather conditions during construction phase and secure the existing and proposed structure / materials accordingly.</p> <p>All buildings and materials to be secured prior to construction team leaving site. Contractor to ensure that masonry is suitably backed up / propped during construction phase.</p>
012	Wildlife concerns (pigeon / rat infestations, other dangerous animals / insects). Proximity to unusual transport systems (underground railway, airfields etc).	Yes	L	<p>Non identified at time of survey.</p> <p>Contractor/client to be aware of their responsibilities with regards to protected species.</p> <p><i>Source of information: - Natural England.</i></p> <p><a href="https://www.gov.uk/government/organisations/natural-england">https://www.gov.uk/government/organisations/natural-england</a></p>
013	Physical condition or unusual design of the existing structure (stability).	No	L	<p>Non identified at time of survey.</p> <p>Brief description of building - Existing brick construction under a pitched, concrete tiled roof.</p> 
014	Asbestos or other contaminations within the existing structure.  Refurbishment and demolition Asbestos Survey.	Yes	L	<p>Due to nature of modern construction of existing pavilion risk of asbestos being present is deemed to be low, however, contractor is to monitor during construction phase. Do not start work if it is suspected that asbestos or other contaminations may be present until a pre-construction phase demolition / refurbishment survey has been carried out by a competent professional.</p> <p><a href="https://www.hse.gov.uk/asbestos/">https://www.hse.gov.uk/asbestos/</a></p>
015	Any H&S concerns relating to historical use of the building or site (e.g. Mercury, lead, hydro carbons).	No	N/A	<p>Non raised by client (predominantly residential location) / non known within 1km of application site post code.</p> <p>Contractor is to monitor during construction phase.</p>

				<p>Source of information: - Environment Agency Public Register – Environmental Permits for Waste Operation/Environmental Permits for Radioactive Substances.</p> <p><a href="https://www.gov.uk/guidance/access-the-public-register-for-environmental-information">https://www.gov.uk/guidance/access-the-public-register-for-environmental-information</a></p>
016	Archaeological concerns.	Yes	L	<p>Contractor is to monitor during construction phase.</p> <p>Source of information: - Derbyshire County Council.</p> <p><a href="https://www.derbyshire.gov.uk/environment/conservation/archaeology/archaeology.aspx">https://www.derbyshire.gov.uk/environment/conservation/archaeology/archaeology.aspx</a></p>
017	Arboricultural concerns.	Yes	L	<p>No protected trees identified within or adjacent site.</p> <p>All foundations/ground works are to be executed in such a manner as to not be influenced by any existing or proposed root activity. All works to be carried out and inspected to the complete satisfaction of the appointed building control surveyor.</p> <p>Source of information: - The Arboricultural Association and uk government website, NHBC guidance – Building Near Trees.</p> <p><a href="https://www.gov.uk/guidance/tree-preservation-orders-and-trees-in-conservation-areas">https://www.gov.uk/guidance/tree-preservation-orders-and-trees-in-conservation-areas</a></p> <p><a href="https://www.trees.org.uk/">https://www.trees.org.uk/</a></p>
018	Known historic H&S Legal Notices / Prohibitions (Noise, Odour etc).	No	N/A	None raised by client.
019	Existing H&S File (O&M / CAD Drawings / Chemical & Biological / Utility Service drawings / Asbestos Surveys.	No	N/A	<p>None raised by client.</p> <p>Has building previously undergone refurbishment works under CDM?</p>
020	Construction work to be undertaken within occupied areas of the site or building.	Yes	L	<p>Building to remain functional during parts of construction phase, contractor to discuss access arrangements / methodology with client prior to commencement of construction phase.</p> <p>Specific requirements to be detailed within construction phase health and safety plan.</p>
021	Special phasing requirements for Construction Phase that the design needs to consider as result of being occupied.	Yes	L	<p>Above ground electrical apparatus to be reconfigured / relocated prior to works commencing.</p> <p>Ground excavations to be covered prior to contractor leaving site.</p>
022	Traffic Management.	Yes	L	Delivery vehicle being deployed are to be suitable for the location, restrictive access instructions to be conveyed to delivery companies.

				<p>Due to restrictive access arrangement / road closure / partial road closure (due to service connections within road), a 'banks person' is to be present and assist the visiting driver when vehicles are manoeuvring in and around the site.</p> <p><i>Source of information: - Uk government website.</i></p> <p><a href="https://www.gov.uk/apply-skip-permit">https://www.gov.uk/apply-skip-permit</a></p>
023	Construction works within highway land.	No	N/A	<p>No works are proposed with highway authority land.</p> <p><i>Source of information: - Derbyshire County Council.</i></p> <p><a href="https://www.derbyshire.gov.uk/transport-roads/roads-traffic/licences-enforcements/vehicular-access/vehicle-accesses-crossovers-and-dropped-kerbs.aspx">https://www.derbyshire.gov.uk/transport-roads/roads-traffic/licences-enforcements/vehicular-access/vehicle-accesses-crossovers-and-dropped-kerbs.aspx</a></p>
024	Any other Specific regulations that need to be considered.	No	N/A	No comment.
025	Other existing environmental or Health & Safety concerns.	No	N/A	No comment.