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OnSide
Barnsley Youth Zone
Security Needs Assessment



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OnSide
Here for young people

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Approved by Ian Longley – Associate Director

For and on behalf of RS Security Consultants Limited

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Introduction

The primary objective of this review is to produce an environment for the Barnsley Youth Zone, which does not merely feel safe, but an environment that has genuinely less crime by careful consideration of the development and those working there. To achieve this, the following actions shall need to be considered.

- The management teams will need to be encouraged to embrace the need to act positively against crime.
- The management team need to be made aware of existing anti-crime initiatives.
- Encouragement should be given for the use of such initiatives by businesses within the development.
- Ensure recognised means of crime reduction, such as improved lighting and the use of natural and formal surveillance with CCTV coverage are implemented throughout the Barnsley Youth Zone development at both design and construction phases.
- Ensure the new development has consideration to Secured by Design principals and takes on board the requirements based on the risks and mitigation strategy set out below in the report.
- Identify ways of increasing the feeling of safety within the new Barnsley Youth Zone Development project, review previous site experience and consider existing methods operated within other developments, review how this will mitigate crime on this scheme based on our findings.
- Ensure the lighting proposals are compatible with the CCTV scheme, the scheme provides an average Lux Level externally around the site and carpark with consistent lighting suitable for natural surveillance (min 10Lux).
- Ensure CCTV is provided around the new development, covering building entrance points and the vehicle access, implement an Operational Requirement Document for the CCTV system, any Landscaping scheme shall follow the Secure by Design principals and compatible with the CCTV proposals ensuring foliage does not create dark hiding spaces or blind spots.

These objectives can only be met by a combination of identification of risk and the subsequent implementation of systems and procedures identified herein.

Reason for the Report

The aim of this report is to review the current and potential security risks affecting the Barnsley Youth Zone. Consider current crime trends within the Barnsley Youth Zone area and ensure Secure by Design principles are considered to help combat crime within the Development. The report will provide recommendations to be implemented in the design and subsequent build of the new Barnsley Youth Zone.

We will offer advice and recommendations as to how the identified risks may be satisfactorily designed out. Where this is not possible, we will advise how the new development can be managed to achieve a safer and more secure environment for people to work and visit.

All our observations are subject to comment by the Barnsley Planning department. We feel that their knowledge and experience in the area will enhance our recommendations and help create a safer environment for the scheme.

All parties recognise that the Barnsley Youth Zone may change over time and accordingly our recommendations may alter. This document should be periodically reviewed and subsequently reissued considering changes in circumstances.

The type and nature of business that locate themselves near to the Barnsley Youth Zone may very well affect the type and extent of threats that affect the site. Careful consideration will need to be given to this by both the landlord and the tenants as and when they move into the area.

Barnsley Youth Zone Proposed Scheme

Fig.1 The aerial picture Shows the location plan of the new development within the surrounding area

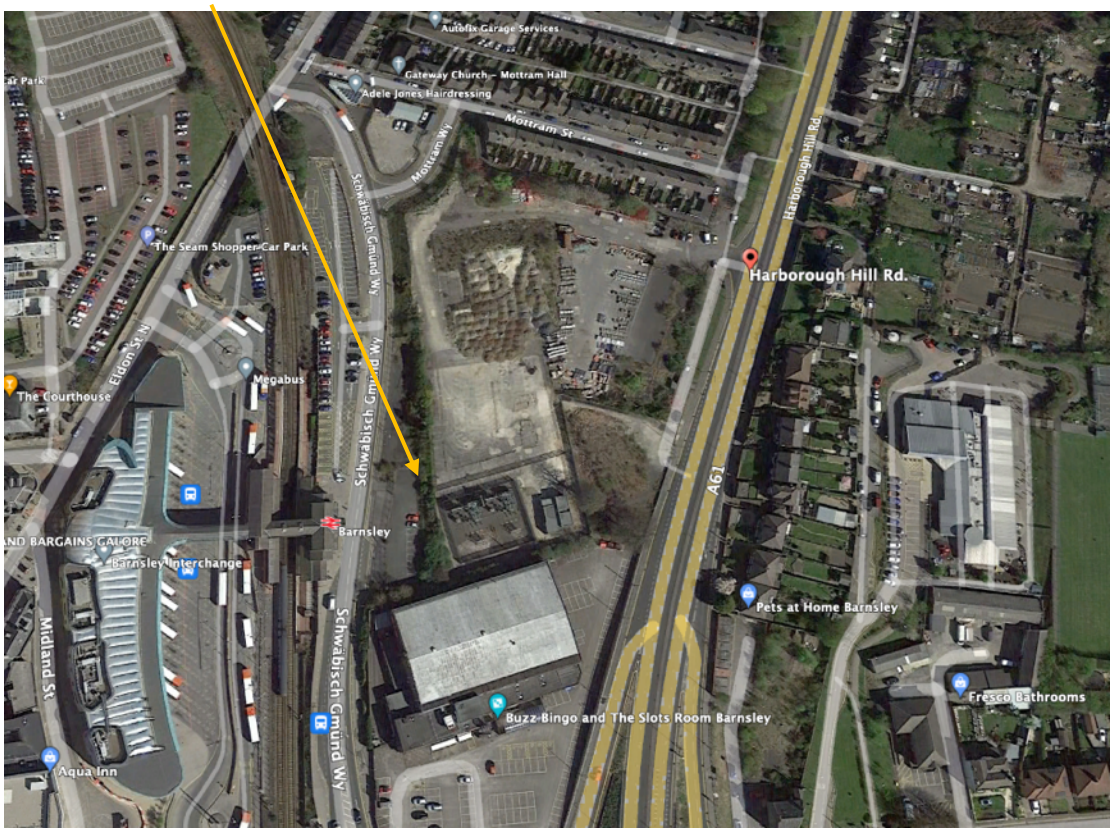


Fig.2 The Aerial picture identifies that there is the Barnsley Interchange adjacent the site and the development is on the edge of the town Centre.

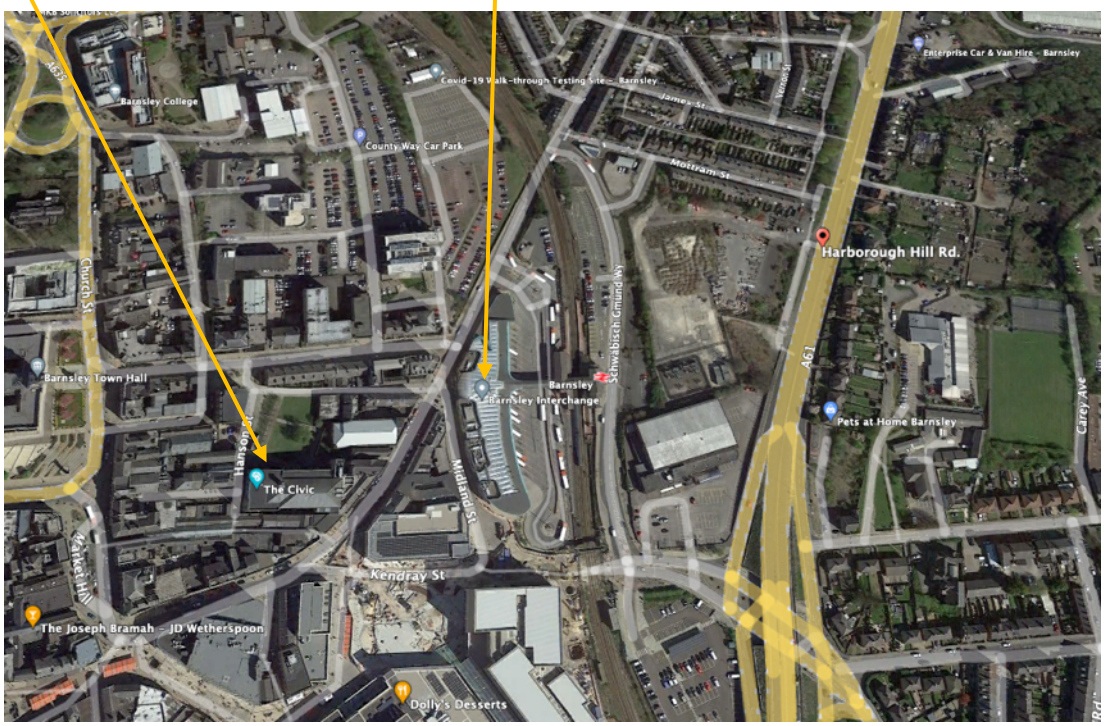


Fig. 3 The Development Location.

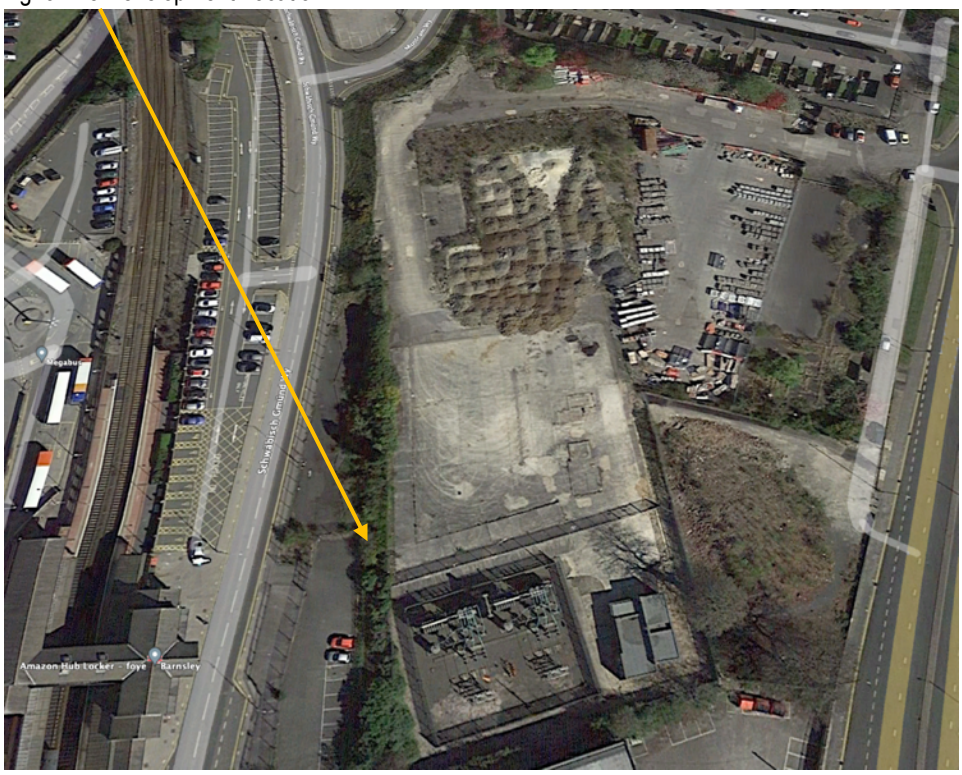


Fig.4 The layout drawing identifies the site boundary and surrounding carpark and buildings

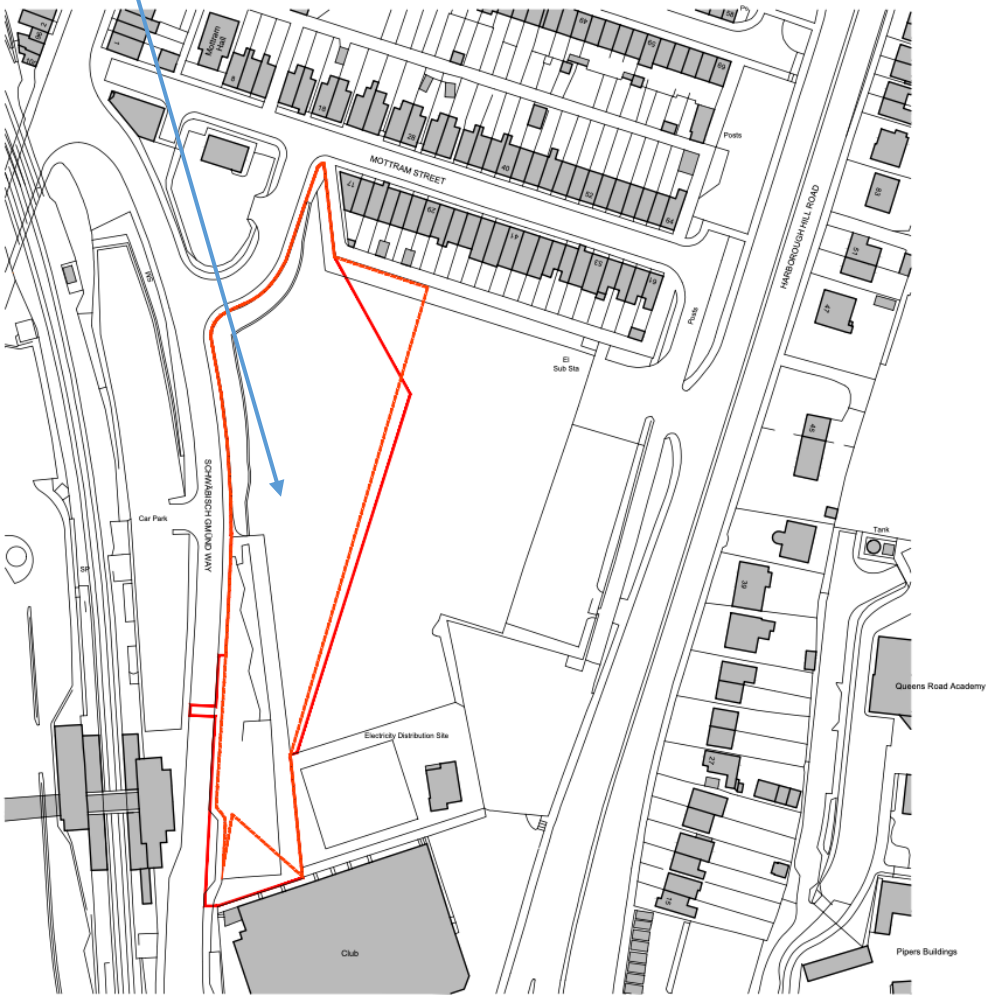


Fig.5 Proposed Site Plan Elevations



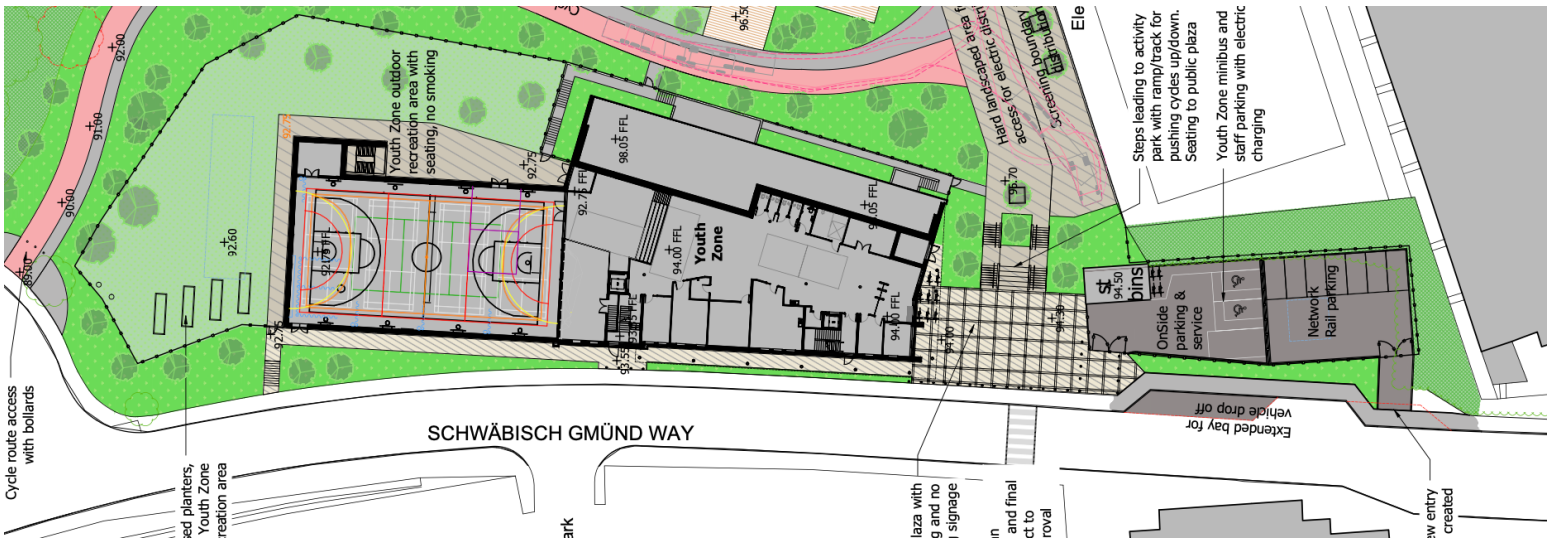


Fig.6 Proposed Site Carparking located away from the building (single vehicle entrance)

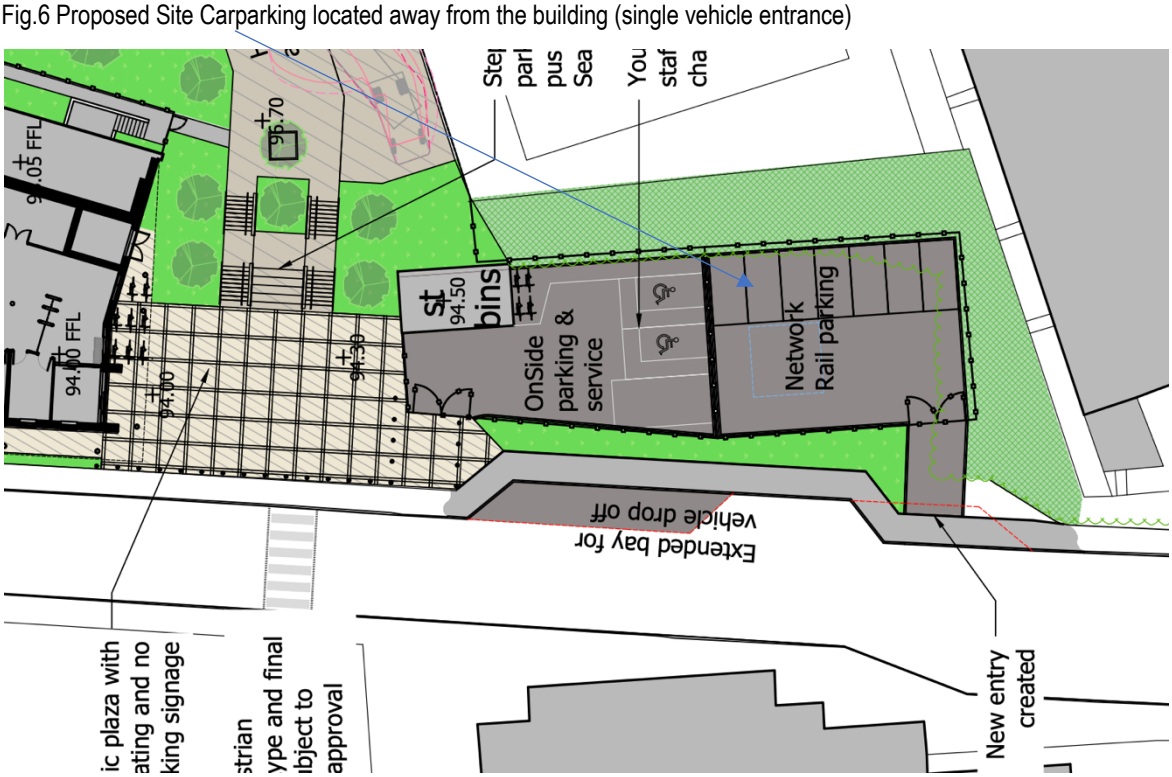


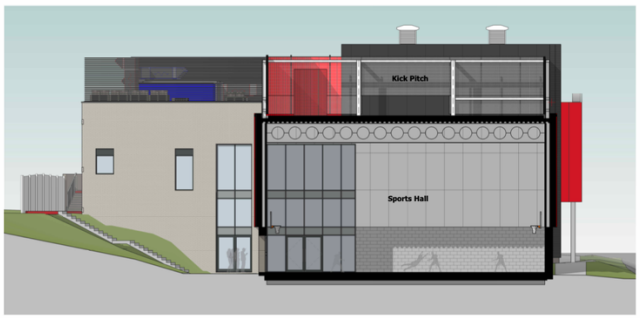
Fig.7 Boundary Details



Fig. 8 Detailed Plan of the Proposed Elevations



Cross Section A



Cross Section B



Long Section C

Fig. 8 3D Visualizations



Fig. 8 3D Visualizations





Threat profile

Introduction

The threat profile has been assessed to provide an up-to-date context on the crime in the area and around the new Barnsley Youth Zone Development itself.

This is informed through consideration of the national intelligence picture, and location specific intelligence and consideration of the development's context.

Criminal Threat (Data Analysis)

A crime analysis of record criminal offenses within the Barnsley area has been carried out.

The following charts and statistics have been collated from the www.police.uk crime statistics reporting portal. The information summarises the crime statistics for an area as within the map below and a small area around the site boundary.

Most of the crime is centred around the local housing estate, and the Barnsley Interchange where transport and night-time gathering is situated with vulnerable areas, (Pedestrian Bridges).

The following categories of crime have been collated by type for the area surrounding the Barnsley Youth Zone development plans. The numbers of crimes identified shows that there has been a consistent average in certain crimes, this however occurs in the surrounding area driven from areas which are used for loitering and criminal activity. Detailed crime statistics have been provided for a small area around the development, which identifies violent and sexual offenses, anti-social behaviour, criminal damage and arson and public order as the main concern, this slightly changes over a 3-year period with Shoplifting becoming a concern from the Local Town Centre trading.

Crime Search Statistic in the month of November 2021 (Radius as detailed on the plan)

Most of the crime created within the map below is located around the town centre and local gathering areas, Barnsley Interchange.

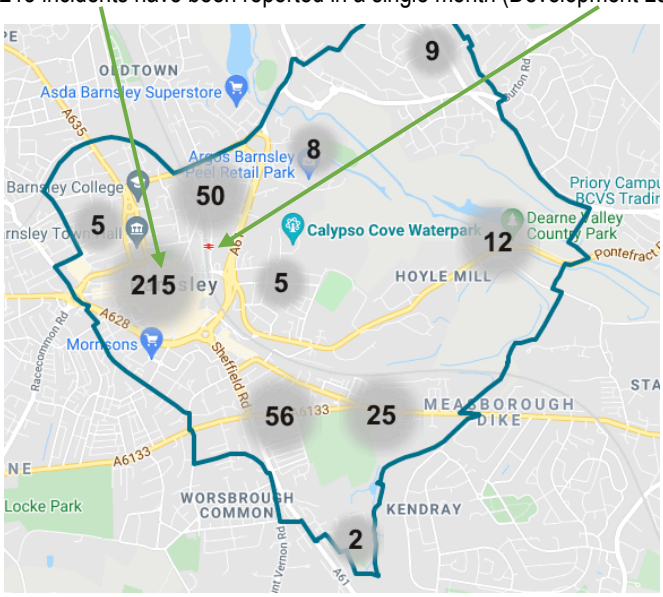
There remains an average of 3,824 incidents recorded in throughout the year of 2020 & 2021 for the surrounding area as detailed on the location plan.

Area Crime

There has been a significant crime reported throughout the month of November for the Barnsley Police department, using the Police.co.uk data base and Crime Statistics.co.uk, we have also used other means of date collated via other registered websites to obtain the same information collating as much information as possible on the area of the development to ensure all risks are mitigated at the design and development stages.

Whilst there are 387 crime incidents reported within the Barnsley Police force area in November 2021, the large number of incidents are within proximity of the new development due to its location near to the town centre.

215 incidents have been reported in a single month (Development Location)



All Crimes (387)

November 2021

387 crimes were reported here in November 2021

Violence and sexual offences	117
Public order	61
Anti-social behaviour	41
All other crime	168

12-month period

Month	Total	Percentage
Dec 2020	261	6.8%
Jan 2021	210	5.5%
Feb 2021	227	5.9%
Mar 2021	293	7.7%
Apr 2021	352	9.2%
May 2021	311	8.1%
Jun 2021	358	9.4%
Jul 2021	345	9%
Aug 2021	364	9.5%
Sep 2021	360	9.4%
Oct 2021	355	9.3%
Nov 2021	387	10.1%

November 2021

Type	Total	Percentage
Anti-social behaviour	41	10.6%
Burglary	11	2.8%
Criminal damage and arson	25	6.5%
Drugs	27	7%
Other theft	31	8%
Possession of weapons	5	1.3%
Public order	61	15.8%
Robbery	7	1.8%
Shoplifting	25	6.5%
Theft from the person	4	1%
Vehicle crime	18	4.7%
Violence and sexual offences	117	30.2%
Other crime	15	3.9%

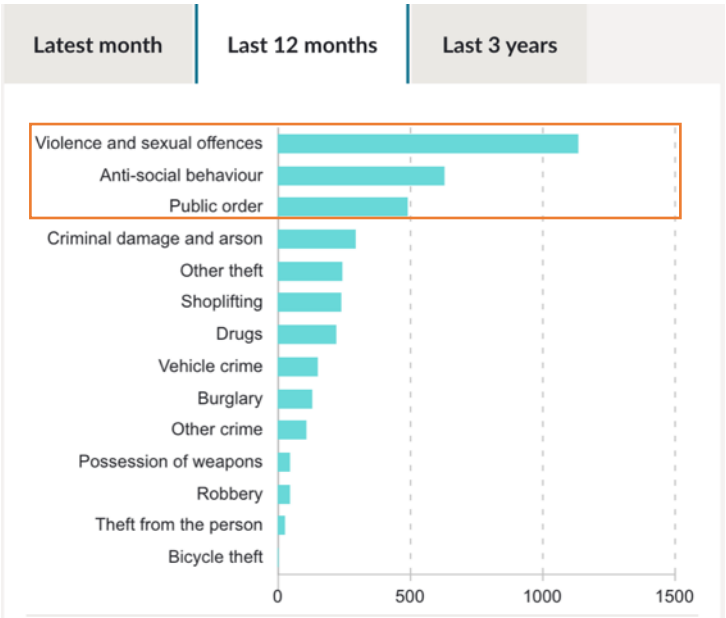
The most common type of crime recorded within the area during November and the last year.

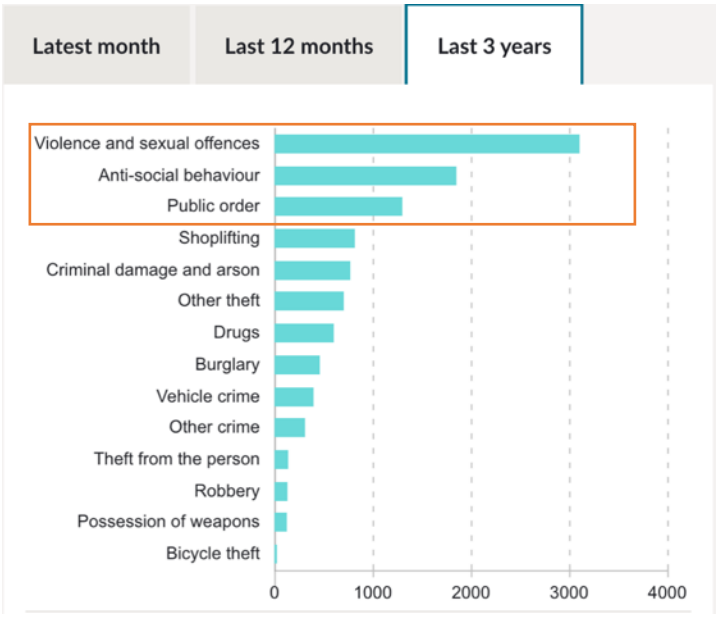
- Violence and sexual offenses
- Anti-social behaviour
- Public Order

This identifies a trend in crime within the area, frequency and type remain consistent throughout the year.

The crime statistics below are associated to the location map above for a 12month and 3-year period

This shows that there is a large amount of violent and sexual offenses, anti-social behaviour, criminal damage, and arson being reported.



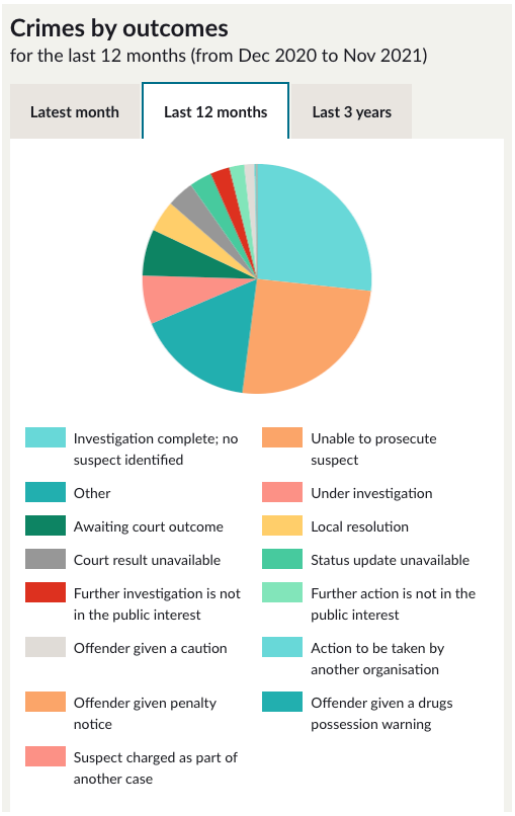


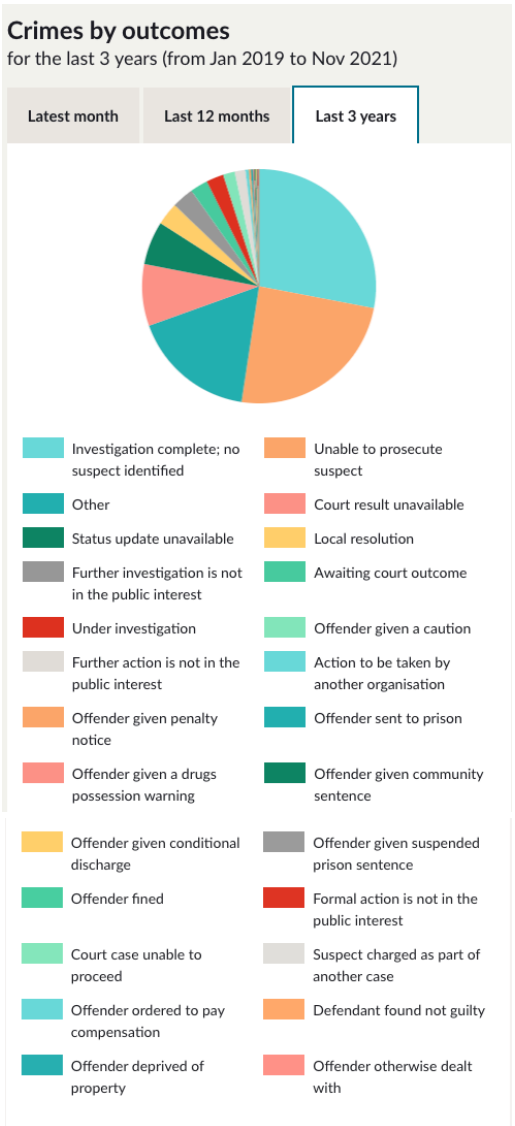
The below graph identifies the crime does not fluctuate and is constant throughout the years with a slight increase over a 3-year period





The graphs and statistics below show crime by outcome over a 12-month and 3-year period





Last 12 months (from December 2020 to November 2021)

Type	Total	Percentage
Anti-social behaviour	634	16.6%
Burglary	134	3.5%
Criminal damage and arson	298	7.8%
Drugs	225	5.9%
Other theft	248	6.5%
Possession of weapons	50	1.3%
Public order	495	12.9%
Robbery	50	1.3%
Shoplifting	244	6.4%
Theft from the person	31	0.8%
Vehicle crime	155	4.1%
Violence and sexual offences	1140	29.8%
Other crime	112	2.9%
Bicycle theft	7	0.2%

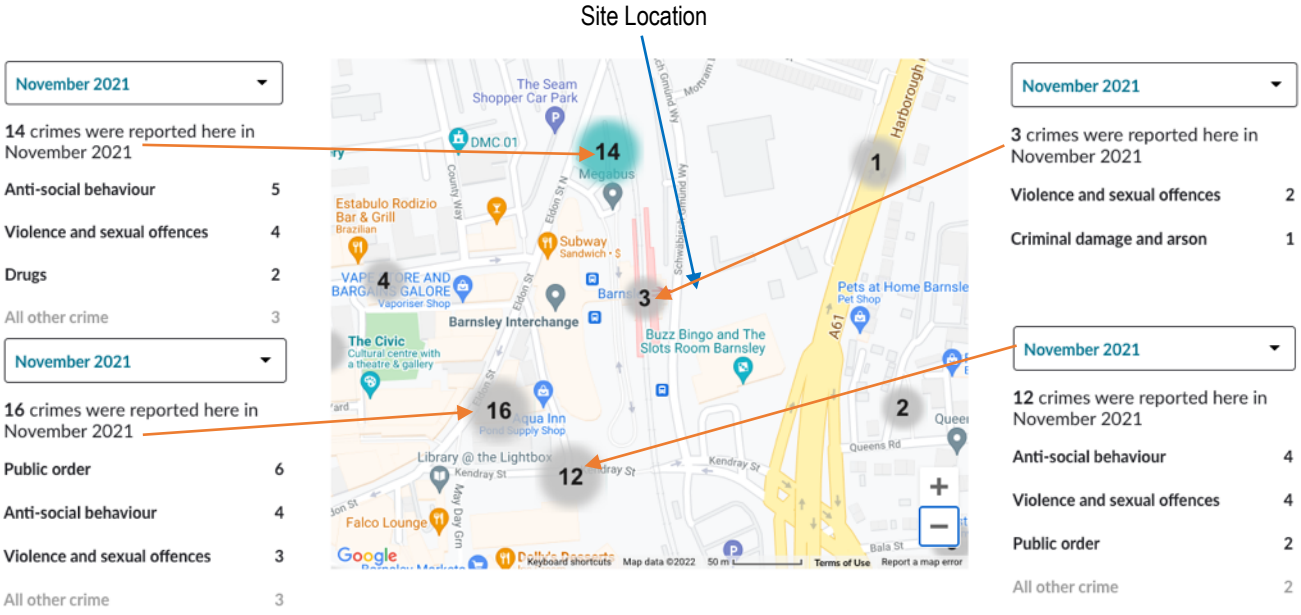
Last 3 years (from January 2019 to November 2021)

Type	Total	Percentage
Anti-social behaviour	1860	17.1%
Burglary	470	4.3%
Criminal damage and arson	780	7.2%
Drugs	612	5.6%
Other theft	713	6.6%
Possession of weapons	134	1.2%
Public order	1310	12.1%
Robbery	140	1.3%
Shoplifting	826	7.6%
Theft from the person	148	1.4%
Vehicle crime	405	3.7%
Violence and sexual offences	3115	28.7%
Other crime	319	2.9%
Bicycle theft	33	0.3%

When concentrating on a small circumference around the Barnsley Youth Zone, we can identify a large amount of activity from the adjacent housing estate.

The activity around this area has a large anti-social behaviour, violence and sexual offenses which are detailed in the crime figures reported through the months of September 2021 – November 2021.

We have detailed the last 3 months to establish a common pattern of activity, the content within the crime statistics has been considered and the risk mitigation strategy within the document details what effect the new Barnsley Youth Zone could have on the surrounding area and how the area could affect the development throughout the development stages and completion.



Site Location

October 2021

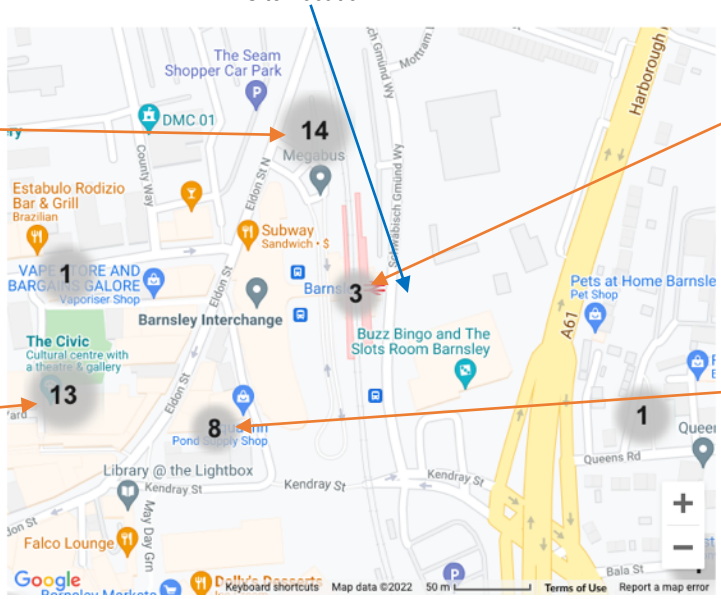
14 crimes were reported here in October 2021

Anti-social behaviour	7
Violence and sexual offences	4
Public order	1
All other crime	2

October 2021

13 crimes were reported here in October 2021

Criminal damage and arson	4
Anti-social behaviour	3
Violence and sexual offences	3
All other crime	3



October 2021

3 crimes were reported here in October 2021

Violence and sexual offences	2
Other theft	1

October 2021

8 crimes were reported here in October 2021

Violence and sexual offences	4
Public order	2
Possession of weapons	1
All other crime	1

September 2021

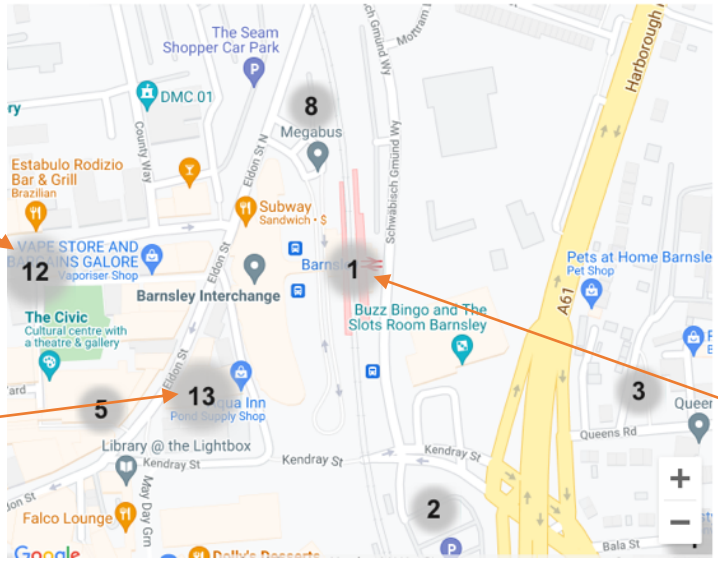
12 crimes were reported here in September 2021

Anti-social behaviour	7
Violence and sexual offences	2
Other theft	1
All other crime	2

September 2021

13 crimes were reported here in September 2021

Public order	5
Violence and sexual offences	4
Anti-social behaviour	2
All other crime	2



September 2021

8 crimes were reported here in September 2021

Anti-social behaviour	3
Violence and sexual offences	2
Criminal damage and arson	1
All other crime	2

September 2021

1 crimes were reported here in September 2021

Violence and sexual offences	1

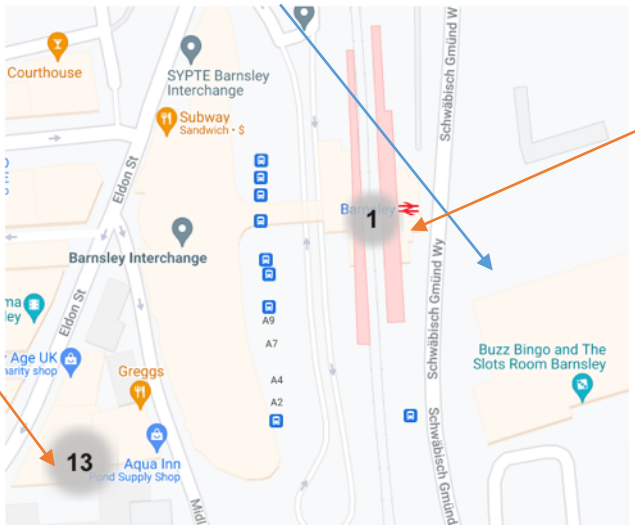
When observing a small circumference of area around the new development location, the criminal activity is consistent in the vicinity, reported criminal activity from Town Centre has been recorded on a regular occurrence, this is due to the late activity's within the area, bars, clubs restaurants and venues that support late night drinking and social gathering, whist this is not directly located near the new development the Barnsley Interchange does show signs of anti-social behaviour and criminal damage as this is used as a means of transport for leaving the town centre with congregation of youths.

Development Location

September 2021

13 crimes were reported here in September 2021

Public order	5
Violence and sexual offences	4
Anti-social behaviour	2
All other crime	2



September 2021

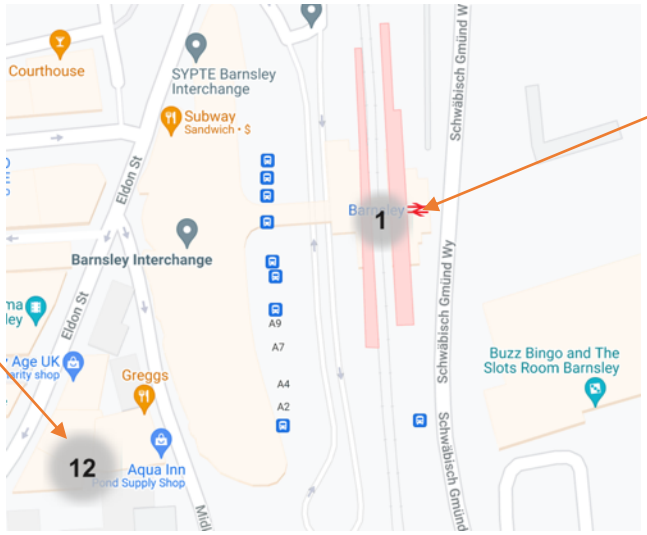
1 crimes were reported here in September 2021

Violence and sexual offences	1

August 2021

12 crimes were reported here in August 2021

Public order	5
Violence and sexual offences	5
Anti-social behaviour	2



August 2021

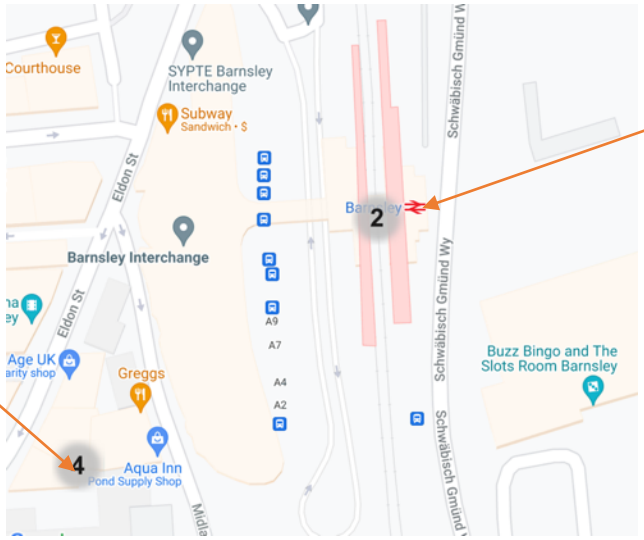
1 crimes were reported here in August 2021

Violence and sexual offences	1

July 2021

4 crimes were reported here in July 2021

Anti-social behaviour	1
Criminal damage and arson	1
Public order	1
All other crime	1



July 2021

2 crimes were reported here in July 2021

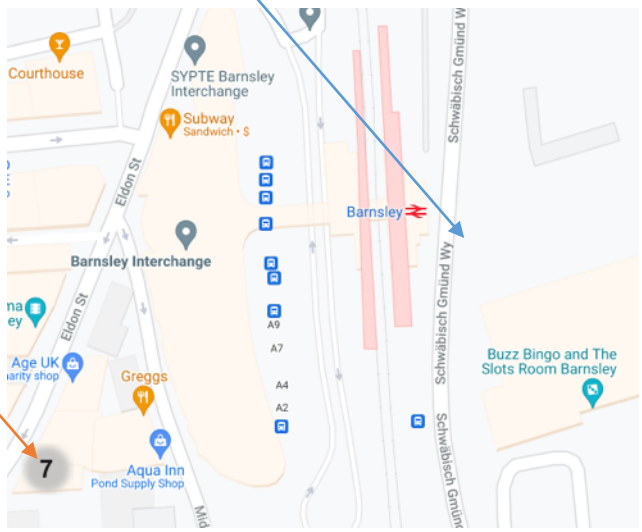
Other theft	1
Violence and sexual offences	1

Development Location

June 2021

7 crimes were reported here in June 2021

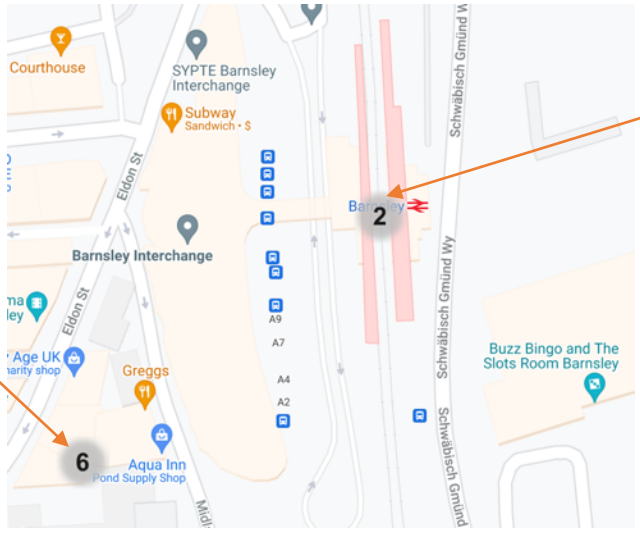
Anti-social behaviour	2
Public order	2
Criminal damage and arson	1
All other crime	2



May 2021

6 crimes were reported here in May 2021

Public order	3
Violence and sexual offences	3



May 2021

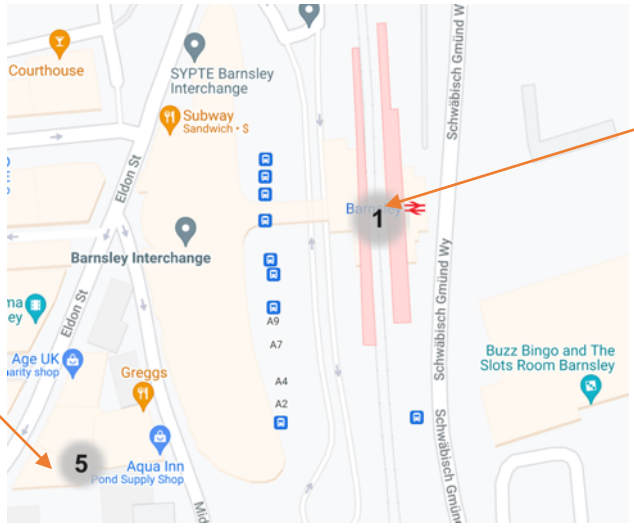
2 crimes were reported here in May 2021

Public order	1
Violence and sexual offences	1

April 2021

5 crimes were reported here in April 2021

Violence and sexual offences	2
Anti-social behaviour	1
Drugs	1
All other crime	1



April 2021

1 crimes were reported here in April 2021

Public order	1

The data above shows that there is a regular occurrence of crime around the area on the new Barnsley Youth Zone project, which is primarily based on the below information.

- Violence & sexual offences
- Anti-social behaviour
- Public Order

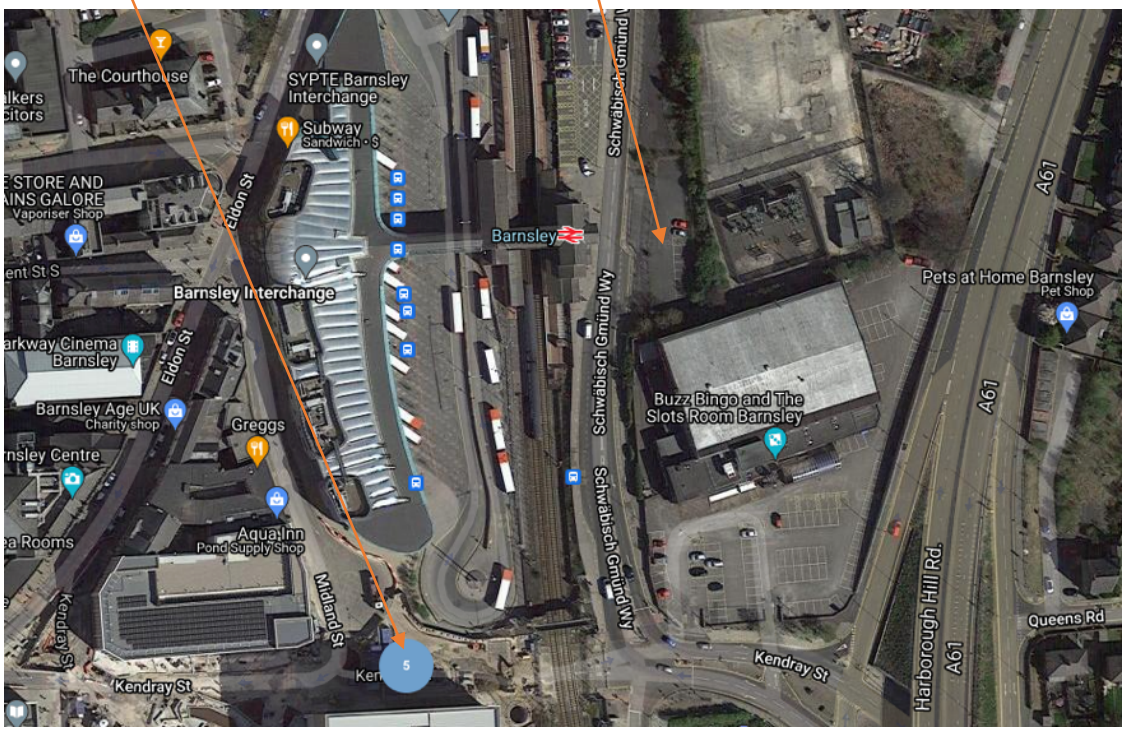
We have used several websites to ensure the content is accurate when reviewing information from crime statictics.co.uk and Police.uk

The below information is taken from the Post code used BS4 1XE

Using Crime Statictics.co.uk to analyse and obtain additional data about the area, we can see that there is consistence between the data captured from all sources to enable us to accurately measure the concerns around the development and provide a strategy that will mitigate the risks identified in our findings for the development and what impact the development will have on the area.

Violence & sexual offences

Development Location



618 Crimes reported in November 2021

There were 618 crimes reported surrounding Yorkshire and the Humber, England in November 2021. Most crimes occurred On or near Churchfield. Crime locations are within a 1 mile radius of **S71 1AY**. In some instances crime locations may stretch over a village, town or county boundary.

Top Crime Locations

1 CHURCHFIELD	31 CRIMES
2 PEEL SQUARE	17 CRIMES
3 SUPERMARKET	16 CRIMES
4 PARKING AREA	16 CRIMES
5 MARKET HILL	15 CRIMES

Number of Crimes By Category and Location

Yorkshire and the Humber, England S71 1AY | November 2021

ANTI-SOCIAL BEHAVIOUR	73
BICYCLE THEFT	0
BURGLARY	27
CRIMINAL DAMAGE AND ARSON	59
DRUGS	34
OTHER THEFT	47
POSSESSION OF WEAPONS	6
PUBLIC ORDER	80
ROBBERY	8
SHOPLIFTING	32
THEFT FROM THE PERSON	4
VEHICLE CRIME	42
VIOLENCE AND SEXUAL OFFENCES	185
OTHER CRIME	21

Criminal Threat (Site Survey)

The following risks have been identified based on the visual observation of the site and local area, taking in to considering the above crime data.

The images below provide visualisation that the site is located within the town centre adjacent Barnsley Interchange, this is a mixed community consisting of a large residential area located on the end of the town centre (Eldon St N) and town centre shopping with bards and restaurants, the site location is ideally located on a busy main road leading directly past the new development, there are currently no other commercial occupiers within the proposed land at this moment in time, and this will be the first development to take place on site.

The images below identify the bust built up area, CCTV has been installed on the opposite site carpark which is located on the main entrance.

The CCTV camera located on the pole would be managed and monitored by Barnsley Town Centre, we would advise the new development is not an island on its own and communication is maintained with the council and police to ensure CCTV images installed around the development shall aid the Public Realm CCTV system installed throughout the town centre.



The image below identified that whilst there are large amounts of crime reported in Barnsley Town Centre, the carpark adjacent is well let with CCTV.

The carpark has implemented a tariff parking system to prevent loitering or hanging around.



The main road which runs adjacent the development provides links to the housing estate, and motorways along with the Town Centre.



Development Location with signage identifying motorway links



The image below shows that CCTV has been implemented on the Interchange building externally and additional wireless public realm cameras due to hot spot crime areas. (We have identified in the crime statistics that the Interchange suffers from a large amount of crime monthly based around Violent & Sexual Offences)



Conclusion to the crime in the area

The above summary provides a detailed synopsis on the crime types within the area and directly adjacent the Barnsley Youth Zone, the data provided suggest there is regular crime activity in and around the area and this is consistent throughout the year slowly rising.

The crime figures show that there is a consistent, violence & sexual offences, anti-social behaviour, Public Order, criminal damage & arson within a small circumference of the Barnsley Youth Zone, this slightly changes when we look at the larger area as the Town Centre attracts shoplifting, robbery, Drugs, burglary, and vehicle crime. In general, the larger area around the development still suffers with the same trends of that directly near the new development, violent and sexual offenses, and anti-social behaviour being at the top with Public Order and shop lifting only became apparent when reviewing the town centre trading.

We also note that the Barnsley Interchange suffers with Crime mainly based around violence and sexual offences, these are areas which create congregation of youths and the facility to open 24hrs further attracts the unwanted, based on the current Crime statistic's the interchange is constantly suffering violence and sexual offenses as a main target crime.

Additional measures have been implemented across the Interchange with additional wireless Public Realm cameras being installed opposite the Interchange, this type of technology is used as a temporary solution to mitigate crime within an area.

The town centre crime is generally driven from bars, clubs and large venues that serve alcohol, this attracts violence and sexual offences and Anti-Social Behaviour this is an ongoing struggle for most major cities and large towns.

By considering all the above statistics and considering the following recommendations within (Risk and Recommendations) for the new Barnsley Youth Zone development, there is nothing to suggest that the Barnsley Youth Zone will be adversely affected by crime.

Risk and Recommendations

Having identified the types of crime affecting the areas around the Barnsley Youth Zone development and a small circumference around the site itself, the following comments and recommendations are made with a view to mitigating the risks identified for the new Barnsley Youth Zone Development.

Risk	Comments	Recommendations
Construction Phase		
Construction site crime.	The development stage of the Barnsley Youth Zone will involve the import of valuables to the site. Initially this will be in the form of plant, equipment and vehicles. The erection of the building is intended to be an attraction to the area but will also attract attention of unwanted visitors in the form of the criminal element searching for criminal opportunity. The local area suffers from Anti-Social Behaviour, and criminal damage, the site will attract This type of crime due to the nature of the site and the development's intended use, many items of value will be left on site.	Suitable provision must be made for the safe storage of plant, equipment, and vehicles in the construction phase. Consideration should be given to CCTV during the construction stages ensuring that a CCTV camera coverage ensuring all entry points to the site and any high value items including storage of machinery are monitored with an Operational Requirement implement on the CCTV system. Arrangements must be made for overnight protection of any valuable items and the site as a whole by means of remote CCTV surveillance, cameras with a broadcast facility need to be implemented with a response team, intruder alarm systems or security guards /patrols. Temporary site alarms and GPS plant trackers should be used wherever possible to mitigate the attraction. Clear signage around the site mitigates any person wandering into restricted areas, CCTV signage, tracker alarms and security guard signage needs to be incorporated around the perimeter of the site. A secure perimeter around the site having a single access point, which is managed by personnel, with a secure entrance that is controlled by a gate, will deter individual's being able to wander around the site. A sign in and out procedure will enforce the above. A designated ID badge for all personnel on site displayed at all times will help the management team walking the site to police unauthorised presence instantly.

Post Construction Risks		
Harm to the individual.	Staff and visitors to the new Barnsley Youth Zone Building could be potential targets for robbery, Crime statistics indicate that this type of crime is virtually unheard of in the local area, but it should be considered.	Natural and formal Surveillance is most important in deterring this type of crime. Appropriate lighting and provision of a monitored CCTV system to provide the formal elements of the surveillance. It is also important that parking areas are overlooked from the building providing natural surveillance so that people arriving and leaving can be clearly observed implementing Secure by Design principals with CCTV surveillance. Landscaping needs to consider the Secure by Design standards to ensure natural visibility across the site where possible. All possible hiding areas shall need to be designed out to ensure that individuals always have good natural surveillance across the site. Management practices must include safe procedures for opening and locking the premises at the start and close of the working day. Assistance should be available for vulnerable persons gaining access to and leaving. Pedestrian Routes to and from the site will be constructed taking on board the Secured by Design Principals and Safer Places. The Businesses should undertake their own specific risk assessments regarding this and introduce systems and management practices to remove the possibility of this affecting their staff. Personal Attack buttons should be considered for Staff, with a direct connection to a 24Hr monitoring station if pressed, the monitoring station can review the CCTV cameras, but instantly notify the Police in the event of a PA button being pressed. Wireless PA buttons should be used when locking and unlocking the building Lighting plays a key part in enhancing visibility on an evening and creating a safe feeling, especially over the dark winter months, the lighting strategy should consider Secure by Design principals implementing white lighting compatible with the CCTV surveillance systems installed on the development.

Vehicle Crime	Crime statistics indicate that this type of crime is virtually unheard of in the local area, but it should be considered, Whilst the use of public and alternative transport will be encouraged, there will be very little vehicular parking on the site and the spaces shall be allocated albeit they could become a target. Dependent upon the opening hours of the buildings, this will attract vehicles parking for long and short periods along with an attraction to the site itself.	The new Barnsley Youth Zone Development could attract both opportunist and professional vehicle criminals. Risk to any vehicle parking areas will be minimised by ensuring that all vehicle parking is well overlooked from the building. Clear site boundaries should be implemented, using Secure by Design approved fencing around the perimeter of the Development. Any Landscaping proposals should take on board the Secured by Design principals ensuring that trees are pruned to 2.1 meters height and any shrubbery is kept well maintained at no higher than 0.5 meters providing clear visibility across the car parking areas, where trees are implemented, they should not be located near any fence line avoiding any form of climbing aid. (Minimum 2 meters). There will be one point of entry into the Barnsley Youth Zone Development from the main road with a clear demarcation from the public realm road into the private site with visual confirmation that you have entered a private demise, a change in road materials shall be implemented to provide a noticeable change. A dedicated gate for out of hours locking and management from the tenants shall ensure the site is secure. An Operational Requirement strategy shall need to be adopted on the CCTV system; this shall need to take into consideration the access point to the site obtaining pedestrian recognition/vehicle plate identification with dedicated static cameras providing site overviews. Implementing CCTV cameras strategically placed within the development, implementing analytics on the CCTV cameras will assist a 24hr control room to obtain genuine alerts from presence in and around the area out of hours. A broadcast facility should be considered to allow the remote monitoring station the facility to alert and notify any unauthorised access/personal on site. A main entrance gate should be installed taking on board Secure by Design principals to ensure there are no means of footrests to enable climbing aids or crawling underneath, the locking mechanism should be protected to prevent attack. Secure by Design lighting should be considered to ensure the Barnsley Youth Zone Development is illuminated with an even spread of light minimum 10lux (White lighting with IR Content) compatible with the CCTV system. We would advise infrastructure is positioned adjacent the entrance points on to the site as this will allow the youth zone to install an electronic gate in the future to enhance the security to the external façade if the risk changes (subject to highways). All chambers should be lockable to prevent any means of easy access creating a fire or cable damage. Consideration to clear visual signage highlighting the security measures implemented on site (DPA signage for CCTV). We would advise that no belongings or valuable are left in any of the vehicles during or out of hours whilst parked on site.

Illegal Trading	The site is located outside the commercial shopping area and is likely to be unaffected.	

Vagrancy	Homelessness is an issue within Barnsley Centre as a whole. This cannot be solved by discouraging individuals from settling in any one area.	The Barnsley Youth Zone Management team should reduce the opportunities for individuals to settle within the development. The Barnsley Youth Zone Management Team, in conjunction with Barnsley City Council should encourage the involvement of the relevant support services where appropriate. Good lighting, formal surveillance, and possible security wardens/patrols may discourage settling in certain areas together with designing out covered walkways thus minimising areas of coverage/shelter from the elements. We have not obtained any information that shows this will be a concern to the development. To date the immediate area is not affected and this needs to continue with Secure by Design lighting and CCTV principals, where canopy or shelters are implemented.

Bicycle Theft	Bicycle use is actively encouraged and has increased over the recent years. With dedicated cycle routes being implemented around the area, public realm footpaths and main roads (cycle lanes) and a local housing estate nearby, this should be considered throughout the development although it is currently not a crime which is actively reported.	The crime statistics show there has been no bicycle thefts reported in and around the new development, we envisage a large quantity of the clientele will be on bicycles and this will become an attention if not considered and the risk mitigated. The use of bicycles being used to travel to the Barnsley Youth Zone will affect the crime data in the area if not properly mitigated at the design development stage. Sufficient secure cycle racks and motorcycle / moped parking should be provided to prevent bicycles /motorcycles from being chained to lampposts, railings on the public realm adjacent roads etc. All cycle racks /motorcycle parking will be located directly adjacent to good natural surveillance, i.e., windows and formal surveillance from the individual buildings, the windows should not be obscured. CCTV surveillance should be implemented to ensure coverage of the area is always obtained with a lighting strategy compliant with Secure by Design lighting principals. Consideration to Clear Visual signage highlighting the security measures implemented.

Vandalism (including Illegal fly tipping)	Areas vulnerable to vandalism tend to be poorly lit, poorly observed and isolated. We note that the area suffers from vandalism and there has been an increase in fly tipping because of the tipping regulations in the UK.	Consistent lighting throughout the development, both natural and formal surveillance around points of focus with any physical protection taking on board the SBD principles, ensuring a physical perimeter around the site implementing Secure by Design Guidelines on the fencing and gates (SR1 minimum or SR2). The implementation of appropriate boundaries and a single site entrance will help minimise tipping taking place. Regular site inspections on hot spot areas with good natural surveillance will enhance the physical presence. A well-maintained landscaping scheme around the area will provide natural surveillance and create a feeling that minimises hiding areas, dark spots and unseen locations creating a well-managed and maintained development. Implementing a CCTV scheme, ensuring that the main entrance point into site are always recorded, ensuring an (Operational Requirement) is in place mitigating potential risk on site. Where opportunists have the potential to Graffiti the buildings, this can ultimately deter potential customers from visiting the business, prevision should be made to ensure the lighting around the site needs to ensure it is well lit and any dark areas need to be illuminated whilst taking into consideration the adjacent housing estate, the lighting scheme needs to be compatible with Secure by Design principals for white lighting with an infra-red content (LED).

Anti- Social Behaviour	This is usually alcohol related or involves groups of youths. We note there is a high crime rating for this in the area.	This is a crime that has increased around the area, and there is large amount of this activity around the Barnsley Interchange and Town Centre. There is potential for this to stray on to the site due to the nature of the facilities the site has to offer if the correct security measures are not implemented within the design and construction stages this could be a problem for the site very quickly. Implementing a dedicated secure boundary by means of a SR1 /SR2 SBD weld mesh fence around the external perimeter (2.1 meters), with SR1 pedestrian gate with anti-climb locking facility and door closures. We note the large football pitches are to be located on the building roof level, this will remove the attraction to try and obtain access out of hours. Ensuring that the materials used in the project build cannot be used to attack the development, the landscaping design shall not use any large cobbles or granite rocks. Implementing a lighting scheme that ensure sufficient lighting which can stay on without spilling into neighbouring areas, the lighting needs to increase the visibility on the site boundary fence line enhancing natural surveillance and the performance of the CCTV system, implemented a remotely monitor CCTV system that is able to alert a 24hr manned control room if presence is detected around the site using analytic technology, remote broadcast speakers enable presence to be notified whilst being mindful of the volume encroaching on the neighbouring properties. Ensuring any seating areas are within a security boundary and the materials used are anti vandal resistant**.** Install Stainless Sphere Anti Skateboard studs to deter unwanted skateboarding to prevent damage to street furniture and stonework elements. The studs eliminate the long continuous edge of many street furniture and stone products. A response team shall have to be considered based on the activity alerts and response from the electronic security systems installed.
Robbery/Assault of Individuals	By nature, the new building will attract individuals into the area over time. As a result, criminals may also be drawn into the area.	Dependent upon the opening hours of the new Barnsley Youth Zone development, this could become a concern. By improving lighting, providing natural and formal surveillance on the car park, pedestrian walkways and entry exit routes, taking on board the Secure by Design principals for site boundary and landscaping /access routes single point of access into the site, implementing external CCTV to monitor the external façade public walkways, entry and exit points and the vehicle carpark. Implementing secure by design principals on the landscaping and ensuring all tree branches are pruned to 2.1 meters high and hedges 0.5meters ensuring their clear lines of visibility across the site and no dark hiding areas. Implementing a management strategy for locking and unlocking of the building with wireless PA buttons for all staff.

Theft from Premises including Acts of Violence	The new Basildon Youth Zone scheme will be designed specifically to attract large numbers of people to the site. It will inevitably attract both the desirable and less desirable elements of society.	Implementing single points of entry in to the building with a controlled electronic mechanism to ensure that people are entering the building through a speed lane system (one at a time), enabling authorisation and acknowledgement of all presence on site will enhance security, ensuring all fire doors are securely locked with a dedicated override maglock that releases on fire, ensuring acknowledgement and notification is obtained if any external door is opened from a manned location, all external doors should be managed by access control with reader in and out, CCTV should be implemented with an Operational Requirement ensuring that all points of entry to the building obtain recognition standard with general surveillance of large open areas. Implementing Secure by Design principles and having a visible presence on site during office hours at the main entrance doors (reception) should help deter criminal elements from the site during the day. CCTV monitored surveillance from an onsite location with manned presence, will enhance the security and reduce criminal activity as the site continues to grow. Implementing Secure by Design principles through the selection of the lighting, doors, windows, construction materials and site boundary, developing an access control strategy along with physical building hardening measures will enhance the security and reduce criminal activity. Any cash handling should be implemented in line with the company's security procedures with CCTV coverage and PA buttons remotely monitored to a control room.

Walk Through Theft Within Premises	This is one of the fastest growing areas of crime within large organisations in the UK.	Formal access control and staff procedures need to be considered by the businesses preventing visitor access to unauthorised areas. A single point of entry to the buildings with a manned presence shall prevent this. Controlled access doors to staff areas must be implemented ensuring visitors only have the facility to access toilets and the main reception areas. All staff area doors must be always locked with a secure locking policy put in place by the end user (Access Control), any door opened without a valid card or forced, notification needs to be obtained from a manned location. We would advise that all Fire doors should be secured and alarmed, providing audible and visual confirmation if opened during operating hours. Where possible speed lanes with manned presence, mitigates unauthorised pedestrian footfall into the site. CCTV coverage of all entrance doors obtaining Facial Recognition recorded centrally in accordance with the DPA and company policy and procedures.

Ram Raiding	The design of the building and carpark location, this will be a minimal risk to the development. Control of vehicular access to areas of the site should negate the opportunity for ram raiding to occur. Ensuring there is clear demarcation and security measures (raised kerbs) between the vehicle roads and site boundary will help mitigate this crime.	Whilst this is not a concern at present, on site and low risk for the Barnsley Youth Zone, however, this may change over time depending upon the contents value within the building. Careful consideration must be taken as to the occupier, there business and assets could encourage a change in the risk profile. Buildings should follow Security by Design recommendations to design out chances of ram raiding. High kerbs should be implemented where vehicles are parked within a security compound. These measures should be incorporated to prevent unauthorised vehicular obtaining access to any pedestrian areas. This would also be beneficial to public safety. A controlled parking policy will also help to mitigate this. Careful consideration should be applied to ensure there are no straight lines approaching the building, the use of large planters, benches and other ornamental furniture should be considered if vehicle are diverted near to the building facade. (We note that the carpark is located at the opposite end to the building with visibility but distance to prevent any form of vehicle attack. To ensure there is a clear demarcation between the carpark and pedestrian routes the security measures above must be implemented.

Burglary	Careful design and build can reduce the risk of burglary significantly.	Following Secured by Design guidelines will minimise the opportunities for burglary to occur. Consideration should also be given to the placement of street furniture and bins to prevent climbing to gain high-level access to the new building. This to include any drainpipes and other items which could be used to provide elevation to the upper floors. Consideration needs to be given to the location of the bin stores and the prevention of fires. Intruder alarm systems should be considered using NACOSS Gold or SSAIB approved alarm Installers implementing a confirmed alarm system to meet DD243 with a dedicated URN number upon handover, the intruder alarm system must meet the insurance requirements, we would advise and recommend a Grade 3 system with a Grade 4 communicator that alerts the remote monitoring station. Implementing a secure boundary using SR1/SR2 fencing, and gates, single point of access into the site with monitored CCTV cameras that alert a monitored control room on presence detected around the site providing broadcast facility. Landscaping pruned to Secure by Design guidelines, 0.5mm hedges and 2.1 meters for branches on trees providing natural surveillance around the site. External Chambers for all ducting measures should be lockable with tamper fixings preventing easy access to cables that could be damaged or potential fire hazard. Security hardware, doors, windows, and glazing should be considered as required by Secured by Design. External doors, fire doors should be made secure to standards independently certified, set out in PAS 24-1 2007 + A2:2011 `Doors of Enhanced Security', LPS1175 SR2 or WCL1 with all incorporated laminated glazing certificated to BS EN 356 2000 rating P1A. All windows to be installed at ground floor level and those easily accessible above ground floor should be made secure to standards, independently certified, set out in BS 7950 'Windows for Enhanced Security', LPS1175 SR 2 or WCL4 with all incorporated laminated glazing certificated to BS EN 356 2000 rating P1A. Windows should also feature opening restrictors and locks to restrict access. The occupier should be encouraged to provide personal attack alarms for their staff on manned reception desks, use some form of access control and duress codes for intruder systems where applicable. The external Lighting strategy should consider the Secure by Design principals implementing white lighting compatible with the CCTV surveillance systems (LED). External Audible Sounders should be located at all external doors to the building, providing an internal discomfort in the event the alarm activates. An external CCTV system should be considered with analytic detection implemented ensuring CCTV cameras are viewed and monitored at a 24hr BS control room if presence is detected around the site with broadcast facility. External Audible Sounders should be located at all external door to the building, providing an internal discomfort in the event the alarm activates.

Operational Recommendations

1. Occupiers should be encouraged to embrace the need to act positively against crime.

2. Occupiers need to be made aware of existing anti-crime initiatives within and around the area.

3. Encouragement should be given for the use of such initiatives by businesses and tenants within the area.

4. We would encourage regular liaison and meetings between the Police, PCSO's and the Community Safety Officer and Barnsley City Council Housing Association, we would recommend the client joins the initiatives to ensure they are not an island on the Development Site and information is shared and distributed as the area develops.

5. We would recommend obtaining regular communication with the local PCSO's and the Community Safety Officer this will have a fundamental impact on the security strategy and ongoing incidents in the area.

Physical Security Recommendations

1. Consider recognised means of crime reduction such as improved lighting and the use of natural and formal surveillance are implemented throughout the Barnsley Youth Zone development at both design and construction phases. Ensure the development has considered Secured by Design principles and takes on board requirements as necessary.

2. The planting of trees and shrubs in the new scheme will create attractive environments which will be supported and is encouraged providing the layout allows sufficient space to accommodate the planting. Future maintenance requirements need to be adequately considered at the design stage and management programmes need to be put in place to ensure that the maintenance will be properly carried out.

3. The implementation of appropriate boundaries and a single site entrance taking on board Secure by Design, the selection of the lighting, doors, windows, construction materials and site boundary with a developed access control strategy along with physical hardening measures of the building using independently certified, set out in BS 7950 'Windows for Enhanced Security', LPS1175 SR 2 or WCL4 with all incorporated laminated glazing certificated to BS EN 356 2000 rating P1A. Windows should also feature opening restrictors and locks to restrict access, any external fire door should meet the LPS 1175 door standard as will enhance the security and reduce criminal activity, where motorised doors are to be used, laminated glazing should be installed with shoot bolts tat activate when the door is in the closed position preventing the door from being pulled open. implementing rising kerbs at all vulnerable entrance points around the site including Infront of the building facade if parking is located near.

4. Lighting design should be co-ordinated with the occupier's CCTV installation/ designer, the landscape designed to avoid any conflicts and to ensure that the lighting is sufficient to support a CCTV system out of hours obtaining the requirements set out in the (OR) Operational Requirement. Light fittings should be protected where vulnerable to vandalism. A lighting scheme should provide uniformed lighting levels with good colour rendition and be sufficient to cater for lawful after dark activity around the Barnsley Youth Zone development without obtaining light pollution on any neighbouring properties. It should not cause glare or light pollution and should support both formal and informal surveillance of the site. External illumination when the buildings are unoccupied is recommended for the main vehicle entrance point, the main entrance doors, car parks and observable building elevations. The lighting controls needs to be considered, time clocks, photocells, the location of the photocell needs to be considered preventing easy access to remove the device disabling all the lights, resilient backup needs to be considered by ensuring that all the lighting scheme is not controlled from a single source, removing the entire carpark lighting if a failure occurs (single photocell)

5. Ensure that a controlled parking policy is implemented on the few spaces the site currently has, ensure there are no straight lines approaching the building, the use of large planters, bollards and other ornamental furniture should be considered if vehicle are diverted near to the building façade, ensure the use of raised kerbs between the building and vehicle road mitigating vehicle impact damage.

6. All Physical ducting chambers shall be lockable by means of anti-tamper fixings, preventing easy access and potential vandalism and fires, the impact on the site by taking out the cabling will remove broadband to the building, landlords lighting and CCTV.

Electronic Security Recommendations

1. Careful consideration should be taken to implementing a CCTV system, this needs to be based on an (OR) Operational Requirement with a purpose for each camera specified, external building coverage, vehicle image quality recognition of the number plate, make and model, recognition standard on the main entrance points to the building with general surveillance externally around the building facade, voice annunciation upon camera analytic detection of presence being detected to enable a 24hr control room to alert and notify trespassers.

   The CCTV cameras must consider the lighting externally to ensure suitable images shall be obtained, a time sync on the recorded CCTV footage to ensure the images are displaying the correct time, the recorder must be in a secure environment with managed access and alarm.

   All CCTV cameras located internally shall provide facial recognition quality at all entrance points and general surveillance across all public space areas, the CCTV system must record all the images in line with the company Data Protection Act and ensure signage is located across the site on all entrance points.

2. Ensure a NACOSS Gold Alarm system is installed with sequential confirmation and anti-masking detectors preventing the devices from being covered up, remote monitoring via a Grade 4 dialler should be consider with suitable keyholders local to the amenity.

3. Careful consideration shall be taken implementing an access control strategy, all external doors should be secured preventing doors from being opened by visitors, where doors are released, notification should be obtained at a manned reception desk, implementing a single entrance point for visitors, consideration to dedicated staff and visitor speed lanes with an overlooked manned area (reception desk) will enhance security to the building, all high risk areas should consider Access control ensuring the door is always locked with an audit trail on all transactions, door alarms and automatic locking on closure.

Limitations

RS Security Consultants Ltd have not reviewed any other issues within the project other than those identified in our report. We offer no comment on the adequacy or otherwise of any other aspects of the development and any absence of comment on such issues should not be regarded as any form of approval. The advice should not be used for buildings other than that named in the title.

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Director



RS Security Consultants Ltd
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