Site address and brief description of the project
There are two separate projects within the site at:-
Kingsthorpe Grove Primary School
Kingsthorpe Grove
Kingsthorpe
Northampton
NN2 6NS
Headteacher: Mrs Jane Brothers

The Primary School project will involve demolitions, new build extensions, internal remodelling, internal and external refurbishment works and external works alterations.

The Children’s Centre will occupy the existing Swimming Pool building and will involve internal remodelling, internal and external refurbishment works and external works alterations.

Background
The main part of the school was built in 1906 and the main school buildings and all of the outbuildings within the curtilage of the school that were built prior to 1948 are Grade II listed on historical and architectural merit grounds. The aims of the proposals for both the school and the Children’s Centre are to maintain the listed buildings in use and to upgrade them to meet current educational needs and requirements.

The school occupies a constricted suburban site in a fairly dense area of predominantly owner occupied housing within an area of 30% disadvantage. The proposals will improve the provision of the primary school and provide the additional services of the Children’s Centre to the local community within the same site. Kingsthorpe Grove Primary School is to become a 2FE school with 420 pupils and a separate Nursery for a 26 full time equivalent places. The existing Swimming Pool building will be converted into a Children’s Centre for the local community.

The site fronts directly onto a major distributor road and, as the catchment is local, most of the pupils walk to school but there is considerable pick up and drop off activity on Kingsthorpe Grove and St. David’s Road combined with a local demand for on-street parking and this causes severe disruption and safety problems for the school and the local residents. The proposals address these issues to provide a safe environment for the school users.

The proposals also include the shared use by the school of the existing sports Hall and part of the playing fields on the nearby St. David’s School site off Harborough Road.
CHILDREN’S CENTRE –
KINGSTHORPE GROVE PRIMARY SCHOOL
NORTHAMPTONSHIRE COUNTY COUNCIL

PLANNING AND HISTORICAL BUILDINGS SUPPORT STATEMENT
DESIGN

Site Address:
Kingsthorpe Grove Primary School,
Kingsthorpe Grove,
Northampton.
nN1 5HE

REASON FOR DEVELOPMENT:

Kingthorpe Grove Primary School has been identified by Northampton County Council as an appropriate location to develop the facilities of a Children’s Centre to meet the aims of national and local government initiatives.

National Overview
Children’s Centres are key to the Government’s Every Child Matters: Change for Children Programme. Children's Centres will be the key to providing families with all the services that they might need. The Government has set the target that by 2010 there will be a Children's Centre in every community. This will total 3,500 centres nationally.

The Childcare Bill is a key milestone for driving the improvement of services that will reduce inequalities for children living in areas of disadvantage and also increase young children’s wellbeing. The Bill sets a requirement on the local authority to deliver good quality integrated early childhood services, provide outreach and the inclusion and involvement of families. This work will be carried out in partnership with key partners such as the Primary Care Trusts and Job Centre Plus. Every Child Matters (ECM) focuses on the improvement of outcomes for children particularly living in areas of disadvantage. Life chances for children are strongly related to poverty and deprivation and enhancing families’ access to additional appropriate services will help long-term to reduce this poverty. This will be achieved through the development of Northamptonshire Children's Centres.

The National Childcare Strategy links Children's Centres to Extended Services, which continue to provide integrated services to children aged 5 plus and their families, through schools.

Northamptonshire Goals and Targets
The work being achieved by Children's Centres now, and future Children’s Centres, fits into many local strategies and targets:

The Council Strategic Goals and Priorities
Through working with the County Council internal teams and other professionals and agencies, Children's Centre services which are provided can enhance the knowledge and development of the local communities and can enhance the development of the County Council's following goals:

• A healthier, more active and independent life for adults.
• A safer, freer and more prosperous county.
• A cleaner and greener county.
• A secure and independent future for our children.
The Community Strategy for Northamptonshire 2004/2013

Enhancing the quality of life for people and communities in Northamptonshire
Children’s Centres meets the key priorities which are:

• To improve health and access to appropriate services and the quality of life of the most vulnerable and all who are at risk.
• To help create and sustain local communities and neighbourhoods where people feel safe and secure and have access to services and support when they need them.

Ensuring economic prosperity for Northamptonshire Communities
Children’s Centres meets the key priorities which are:

• To promote economic vitality and raise the prosperity of all localities in the county so that everyone can gain from this success.
• To raise relevant education standards and skills and the qualifications of people living in the county.

Northamptonshire Children and Young People’s Plan – April 2006

The Plan covers the five outcomes for Every Child Matters and states how, as a county, we will meet these outcomes. As the base for the creation of Children’s Centres is focussed strongly around Every Child Matters, Northamptonshire Children’s Centres will adopt this Plan. The vision for the this plan is to ‘ensure that all children and young people in Northamptonshire are healthy, safe and able to enjoy and achieve, so that they will make a positive contribution throughout their lives and achieve economic well-being’.

The Plan has 10 priorities spread across the five outcomes, which are:

• Be healthy.
• Stay safe.
• Enjoy and achieve.
• Make a positive contribution.
• Achieve economic well-being.

To enable the plan to work, it will need a high level of integrated work to happen. This is happening at present and there is already a lot of good practice and Children’s Centres along with Family Resource Centres, and Extended Services will extend multi-agency teams and integrated working further.

Northamptonshire

How are we going to achieve this in our County?

As a local authority we are developing Sure Start Children’s Centres to become a ‘one stop shop’, where children 0-5 years old and their families can have access to integrated services and information. The overall vision will be to ensure every child gets the best start in life and to give parents more choice about how to balance work and family life.

Each Centre will deliver a carefully planned range of integrated services and will work with parents and service providers to deliver inclusive, accessible and child-friendly services that respond to local need and help children reach their full potential.

Children’s Centres will need to provide or have links to services that will enable them to meet the core offer for what is nationally recognised as a minimum service that should be available for families. The diagram and the following list illustrate what this should look like. Some Centres will deliver additional services to this core offer should feedback from consultation with the local community show that there is a need, for example baby massage, breastfeeding café or advice on money management.
Integrated Education and Childcare

- In the areas of most identified need using national statistics, full day care with integrated early years education will be available. This will be offered for a minimum of 10 hours a day, 5 days a week, 50 weeks a year with access to funded places for 3 and 4 year olds.
- If the centre does not offer this service directly, it can provide local information on day-care.
- Support to childminders and/or a local network which might offer wraparound care.
- Links to local providers and out of schools clubs.
- Childcare provision as required to reflect the diverse needs of local communities.

Family support and Outreach Services

- Visits to parents within two months of birth informing them of how they can access services through Children's Centres.
- Access to specialist health and education services.
- Drop-in sessions for parents and carers.
- Support and information to parents and carers about pre-birth, early days and childcare settings.
- Encouragement for parents, especially fathers, to get involved with and support their child's learning and development.
- Help and advice on parenting skills.

Child and Family Health Services

- Antenatal help, advice and support from Health Visitors and Midwives.
- Information and guidance on breast feeding, hygiene, nutrition and safety.
- Identification, support and care for mothers suffering from depression before or after birth.
- Support with speech and language development.
- Help with giving up smoking.

Links with Children’s Information Service (CIS)

- Access through the Children’s Information Service (CIS) to comprehensive information on all local childcare options, as well as out of school groups and extended services available in schools.
- Information will also be available on local opportunities for family learning, sport and leisure, and community groups as well as signposting to national services for children and families.

Support for Training and Employment

- Access will be available to Jobcentre Plus in addition to local education and training providers.
EXISTING SITE AND PROPOSALS – DESIGN APPROACH:

The site upon which Kingsthorpe Grove Primary School is located is owned by Northamptonshire County Council. It is within a predominantly residential area. Kingsthorpe Grove Primary School, and all of the buildings within the site curtilage that were constructed prior to 1948, are Grade II listed. To create the Children’s Centre, it is proposed to remodel the existing swimming pool building, included within the listing. The Children’s Centre will benefit by sharing its site and some staff with the school and from its location within the local community.

SOCIAL AND ECONOMIC CONTEXT

The design has been developed to create flexible spaces to accommodate the varied services of a Children’s Centre as described above. The proposals have been developed in consultation with the school, NCC Education Department and Children’s services. One of the main priorities of the design and initial assessment of the site was to provide a safe and 'welcoming' environment for the children and parents, trying to replicate the family environment as far as possible. It is seen as essential to encourage persons from their homes into the local community and the design of the Children’s Centre assists with this.

Staffing implications:
The creation of the Children’s Centre will result in the School employing 1 additional permanent member of staff. The maximum number of staff in the Children’s Centre will be six.

Statement of Community Involvement/Pre-application Publicity:
As this site is developing, the Children’s Centre Manager and the Headteacher will have the responsibility to ensure consultation with the local residents in their community takes place to find out people’s understanding of the building work and about people's knowledge of what will be provided and the services they would like to see from this site. Evaluations will be drawn up from the results and plans will be made. This process has already begun with local parents being encouraged to shape the vision for the Centre and review the plans for the proposed Children’s Centre.

PHYSICAL AND HISTORICAL CONTEXT

The refurbishment of the swimming pool building into a Children’s Centre will bring a disused building back into use, improving its fabric and surroundings and providing an asset to the local community. The swimming pool building originally consisted only of the space under the pitched roof. This part of the building is constructed of solid loadbearing brick walls supporting timber trusses and a slate roof. The flat roofed area was a later addition. It is also constructed of loadbearing brick walls with a concrete plank roof covered with a bituminous felt roofing membrane.

The building was converted into a swimming pool in the 1980s. Its previous use is not clear. At this time the size of window openings to the pool and changing areas were reduced and tiling was added to interior walls and floors. It is not clear when the polycarbonate rooflights were added or whether they replaced existing rooflights. Most of the windows are U-pvc and the doors are not original.

The design approach has been carefully considered in order to remain sympathetic to the existing building and the context of the listed school buildings while providing for the specific needs of the Children's Centre. There are no significant original features remaining in the interior of the building so the focus has been to respect the building structure and layout. Large spaces under the pitched roof have been adapted for the two classbases and the smaller rooms under the flat roof will provide spaces for ancillary uses. The context of the building within the rest of the listed site will not be altered except to add a glazed, secure lobby and security fencing.
While benefiting from shared facilities with the school, the Centre must also function as a separate and secure environment. The position of the swimming pool building, remote from the main school buildings and adjacent to the boundary wall on St. Davids Road, has enabled the creation of a separate entrance and enclosed covered play area distinct from the school. This means that the school can be secured when closed while the Children's Centre is in use, such as during the summer holidays.

**Demolitions:**
It will be necessary to create a new opening in the existing boundary wall for the new entrance to the Children's Centre and some window areas will be increased. Internally, some walls will be demolished and new openings created in existing walls to allow the most efficient use of the space as a Children's Centre.

**Trees to be felled:**
No trees are to be felled for the development of the Children's Centre.

**Flood Risk Assessment:**
The site is not in a flood plain and the flood risk is insignificant.

**Land Contaminants:**
Geotechnical reports have not identified any significant land contaminants on the site.

**Archaeology**
There is no indication that any archaeological investigation is warranted in the area of the existing swimming pool. There will be no significant excavations in this area.

**Ecology**
Most of the school site and the area adjacent to the proposed Children's Centre has been hard surfaced, with some tree planters and raised planting beds. The proposals will maintain the existing tree within the secure play area. Surveys have been carried out to ensure that there are no bats or nesting birds that will be affected by the works.

**Waste minimisation strategy**
Kingsthorpe Grove School is an Eco School and the related strategies will be extended to the Children's Centre. The Children's Centre will also comply with NCC SPD principles regarding waste minimisation and management. General waste will be separated from recycling within the centre and separate bins will be provided in the secure bin store located within the car park and near the gate to St. David's Road to allow convenient access for collection. Refer to Waste Audit attached.

**Services implications:**
All necessary mains statutory services exist upon the site. It is not anticipated at this stage that any of the incoming services will need to be upgraded.
Exterior view along boundary wall

Exterior view from Nursery
Exterior view showing flat roofed area and carpark

Exterior view from street with gates to car park
PLANNING POLICY CONTEXT

The proposals for the Children’s Centre at Kingsthorpe Grove School take into account PPG 15 Planning and the historic environment, as well as planning policies promoting accessibility and the development of brownfield sites.

All relevant Disability Discrimination Act legislation has been taken account of during the design process within the areas affected by the construction works.

USE

This Children's Centre revitalises an existing and unused building. The Centre will deliver a carefully planned range of integrated services and will work with parents and service providers to deliver inclusive, accessible and child-friendly services that respond to local need and help children reach their full potential. The Centre will also provide, or have links to, services that will enable them to meet the core offer for what is nationally recognised as a minimum service, which should be available for families. In the future, the Centre will deliver additional services to this core offer should feedback from consultation with the local community show that there is a need, for example, for baby massage, a breastfeeding café or advice on money management.

The School/Nursery will be working in partnership with the Children’s Centre and also Northampton children’s services. The Centre will need to provide outreach work in Northampton. We envisage families attending for small group work or appointments to meet with the local Health Visitor, Midwife or Speech and Language Therapist. There may well also be drop in sessions with a representative from Job Centre Plus. If these services are already being delivered within the community elsewhere then the centre will act as an information point and will signpost families to these services rather than recreate additional ones. The Nursery already provides one drop in group for parents to come in and play with their children and at the same time access the Family Support Worker who works in the Nursery.

AMOUNT OF DEVELOPMENT

The development will be contained within the existing swimming pool building except for the additional of a glazed secure draft lobby to the entrance. There is new fencing around the buggy store and the play area. The play area has a tensile fabric roof on steel structure independent of the existing building.

LAYOUT

The layout of the existing swimming pool has been carefully considered in creating spaces for the Children’s Centre. The scale of the existing spaces has been maintained with minimal remodelling to accommodate the new uses. The limited area of the swimming pool building has meant that a few walls have been removed and new openings formed in order to accommodate all of the new uses in a workable arrangement.

The large spaces under the pitched roof will be converted into classbases with children’s toilets, stores and a plantroom at the end near St. David’s Road and reception, disabled toilet and kitchen at the opposite end. The trusses to the main spaces will remain exposed. These are the only remaining significant original features to the interior of the building. The internal cladding to the roof will be removed and replaced to provide a layer of insulation and acoustic ceiling tiles. The polycarbonate rooflights will be replaced by aluminium clad timber rooflights. The length of the rooflight openings will be reduced to accommodate new full height internal walls to the toilet and store areas. Tiling will be removed from the floors and walls and the floor recess for the former pool and boiler room will be screeded over insulation to provide a level floor. The window openings to the pool areas, previously reduced, will be opened up again and replaced with glazed aluminium screens. On the entrance side, there will be access to the covered play area. The larger glazed areas will provide improved daylighting.
and ventilation to both classbases. U-pvc windows will be retained to the reception, kitchen and caretaker’s store. New openings will be created in the central dividing wall.

The flat roofed extension area will be used for ancillary functions – meeting rooms, adult toilets and kitchen. Changes in slab level will be infilled with screed. Soffit levels are relatively low in this area so ceilings will only be added in meeting room areas. An aluminium window will be added to the small meeting room and the existing window openings to the large meeting room will be increased and aluminium windows added. An existing timber door will be renewed. The flat roof will be renewed with insulation and single ply roofing membrane to improve the environmental quality of the spaces below. This will have a minimal effect on the fascia detail.

A new opening will be created in the existing boundary wall with a new gate. The path from the gate to the Children’s Centre entrance will be fenced on both sides – to secure the Children’s Centre from the main school grounds and to secure the outdoor play area of the Centre. The existing tree will be retained and the tarmac play area will be covered with a tensile canopy on a steel structure kept separate from the existing building. A new glazed entrance lobby will be the only extension to the existing building. There will be a covered buggy store adjacent to the entrance lobby. The car park adjacent to the swimming pool building will be retained and slightly extended by moving the inner fence line toward the main school building.
Trusses to be retained and rooflights to be replaced

Existing entrance area to be remodelled
SCALE

Modifications to the existing building will not affect its scale.

LANDSCAPING

External space designated to the Children’s Centre will be the covered play area and access path from St. David’s Road. They will have tarmacadam finishes and be enclosed by security fences. The fencing will be secure but of an open design in order to maintain the visual relationships between the building and the rest of the school site. The existing tree adjacent to the building will be retained.

APPEARANCE

The external materials of the existing building – brick walls and single membrane and slate tile roofs - will be retained. New and replacement windows and glazed doors will be fabricated in aluminium and polycarbonate rooflights will be replaced by aluminium clad timber rooflights.

Windows to be replaced by curtainwall with access to covered play area
Windows to proposed large meeting room to be enlarged

ACCESS

Approach
The new entrance to the Children’s Centre site is from the residential street, St. David’s Road. It recognises the need to create a safe and welcoming environment and to respect the adjacent properties and the overall community ethos. Refer to the attached Transport Statement and Travel Plan.

The new entrance has been positioned taking account of the existing layout of the Swimming Pool Building and to create ease of access while maintaining an aesthetically pleasing look.

Circulation
The horizontal circulation within the property has been planned to provide level access throughout most of the building. The entrance and administration areas are slightly lower to ensure level access at the entrance and there is a ramp with handrails leading to the rest of the Centre. Vertical circulation is not applicable for this single storey property.

Internally the new Children’s Centre has been carefully laid-out to maximise use and management. All facilities for the security of the Centre are appropriate to a friendly and warm environment.

Emergency Egress/Alarm Systems and Evacuation Planning
The design of the Centre will ensure and assist evacuation should an emergency need occur. All travel routes have been carefully assessed and existing emergency exit options are adequate. Evacuation planning will be recorded and regularly tested in line with regulatory residential homes requirements.

Accessibility
The Children’s Centre is designed to provide an inclusive environment in accordance with the legislation at the time of construction, which provides for the needs of disabled people. The design accommodates the differences in the way that people use the environment and
enables participation in activities equally and safely and in a way that maximises individual abilities.
Guiding principles include:
- There will be equitable access
- Appropriate space will be allocated
- Ease of use, comprehension and understanding will be ensured
- Using the building will require minimum stress, physical strength and effort
- The building will provide safe, comfortable and healthy environments

Guidance followed:
- The Building Regulations of England & Wales (most specifically Part M)
- Disability Discrimination Act
- DfES guidelines

Clear signage will be provided to guide visitors to the Main Entrance.

Textured paving will be provided below opening windows and adjacent to external doors to warn the partially sighted and avoid collision; in other instances highly visible hoops will be installed to protect at door swings.

All external doors will be glazed, have a level area outside, flush thresholds and provide adequate clear width. All external doors will contrast in colour to doorframes or adjacent glazed screens so that they are readily apparent to the partially sighted. The doors and screens will incorporate manifestations, where required. The lobby will be adequately sized for ease of access and the entrance doors to the Lobby will be manually controlled power-operated by push-pads internally and externally.

The reception point is within the entrance foyer and incorporates a counter at a level suitable for a seated person at 760 above the floor level. The floor surface in the entrance lobby is to be slip resistant but does not impede the movement of wheelchairs. Kitchenette areas will have worktops at a level suitable for a seated person.

Internal doors have closing mechanisms only when required for safety purposes (eg. fire). They are coloured to give a high contrast to the surrounding walls and the leading edge is similarly distinguished form the door leaf. They are positioned to give a 300 mm minimum unobstructed access to the pull side and any return wall. All opening furniture contrasts with the door leaf and is suitable for operation with a closed fist.

Switches, socket outlets ad controls are mounted at appropriate heights and contrast visually with their background where appropriate. There is a WC suitable for disabled use within the centre as well as cubicles suited to ambulant disabled people.

**Vehicle access and car parking:**
Access to the site is via St. David’s Road. Refer to the attached Transport Statement and Travel Plan.

At present vehicular access is only possible for staff. The design has taken into account the Supplementary Planning Guidance, based upon the fact that only one additional member of staff will be employed when the Children's Centre is operational and that visitors will not be permitted to park on site. The number of car parking spaces will increase from 12no. to 16no. spaces but this will also accommodate additional staff for the Primary School following its refurbishment. There is no space to create any more additional car parking spaces without impinging upon the existing playground, which will not be acceptable to the school or NCC.

As per the existing arrangements, it is not proposed that visitors will be able to access the site by vehicle once the works to create the Children's Centre are complete. The Centre is designed to be used by persons within the immediate surrounding areas and access to the facilities by more environmentally friendly forms of transport is to be encouraged by measures such as the creation of the external buggy store.
Site access during construction period:
A site compound will be set up at the south east of the playing field area with construction access off Queensland Gardens. Space will be allocated for the separation and storage of site waste prior to re-use or transportation off site. Refer to Waste Audit.

It is expected that no deliveries will be accepted to site during school start and finish periods or before 9.00 a.m. in the morning or after 5.00 p.m. at night. Weekend construction work is not proposed at this stage to limit the impact to the local area.

Pre-Application Consultations

Project Team and School
The project was originally a part of the Northampton Schools PFI project and much of the original brief and investigations were developed at that stage in collaboration with NCC representatives. More recently the project has been developed independently and meetings have been held regularly between the school and the Project Team. Education officers have also attended all of our meetings with the school to discuss the brief, initial designs, option reviews and final proposals.

Planning
There were several meetings with the Planning Department while the school was included within the PFI proposals. Discussions continued after the school was removed from the PFI project. Proposals were discussed with Peter Moor of the NCC Planning Department and Mike Flitcroft of the NBC Conservation Team at a meeting held 20 December 2006 and with Peter Moor and NCC Conservation Officers Pippa Card and Daniel Windwood on 26 April 2007. After a site visit, Conservation Officers, Jane Jennings and Pippa Card met with the design team on 3 July 2007 to discuss outstanding concerns. Consultation has been ongoing via telephone and e-mail.
WASTE AUDIT

The refurbishment of the Swimming Pool Building at Kingsthorpe Grove Primary School into a Children's Centre will follow the principles set out in the SPD Northamptonshire Minerals and Waste Development Framework Development and Implementation Principles. The School will also be refurbished and extended under a separate planning application. Most of the strategies for waste minimisation and disposal will be shared between the two developments.

The objective of the SPD is to identify principles and provide guidance to support:
- Minimisation of development related waste;
- Provision of waste management facilities with other development;
- Innovative sensitive design of minerals and waste development incorporating sustainable development practices; and
- Responsible stewardship which provides beneficial after-use of minerals and waste development (including innovative restoration and after-care practices that incorporate sustainable development).

PRINCIPLES FOR DEVELOPMENT RELATED WASTE MINIMISATION

Proposals for development will incorporate the following Principles for Development Related Waste Minimisation. Refer to the table below for detailed appraisal of waste type and measures for minimizing the impact of the development on the environment.

**Waste hierarchy** – System of preferential sustainable waste management options where prevention and minimisation are the most preferred, followed by re-use, recycle and composting, energy recovery, with disposal to landfill being the least preferred option. The hierarchy acts as a guide and in most circumstances a combination of the above management options may be required to deal appropriately with wastes generated.

Site waste will be re-used or recycled wherever possible.

**Proximity principle** – Waste should be disposed of as close to its source as possible.

When waste materials have to be taken off-site, they will be taken to the nearest appropriate waste disposal or recycling centre. Local contractors will be used to take waste off-site when necessary and they will use local disposal sites. They will be authorized to carry waste and to take on the Waste Duty of Care.

**Site based waste minimisation** – Prevention, minimisation and re-use of waste materials on-site.

The table below details the strategy for the management of different types of waste anticipated on site. Waste materials will be sorted and stored in a designated area on site prior to re-use or transportation to recycling or waste disposal centres.

<table>
<thead>
<tr>
<th>Waste type</th>
<th>Quantity</th>
<th>On-site management</th>
<th>Off-site management</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tarmac</td>
<td>40 sq.m.</td>
<td>Kept separate from other materials</td>
<td>Recycled</td>
<td></td>
</tr>
<tr>
<td>Concrete</td>
<td>0.82 sq.m.</td>
<td>Crushed and re-used as</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Material</td>
<td>Quantity</td>
<td>Disposition</td>
<td></td>
<td></td>
</tr>
<tr>
<td>--------------------------</td>
<td>----------</td>
<td>-----------------------------------------------------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aggregate and hard fill</td>
<td></td>
<td>for Children's Centre and School redevelopment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blockwork</td>
<td>3.75 cu.m.</td>
<td>Crushed and reused as aggregate and hard fill for Children's Centre and School redevelopment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brickwork</td>
<td>21 cu.m.</td>
<td>Facing bricks to be reclaimed wherever possible for reuse. Flettons and damaged bricks will be crushed and reused as aggregate.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single ply roofing</td>
<td>?</td>
<td>Disposal centre by licenced waste carrier</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ceramic tiling</td>
<td>120 sq.m.</td>
<td>Crushed and reused as aggregate and hard fill for Children's Centre and School redevelopment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Steel window</td>
<td>1 no.</td>
<td>Sold to merchant or recycled.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>U-pvc windows and doors</td>
<td>7 no.</td>
<td>Disposal centre by licenced waste carrier</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polycarbonate rooflights</td>
<td>42 sq.m.</td>
<td>Waste Duty of Care transfer note complete and waste described</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Timber doors</td>
<td>17 no.</td>
<td>Refurbished and re-used where possible</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sanitaryware</td>
<td></td>
<td>Sold to merchant or recycled.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3 no. wc</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4 no. washhandbasins</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Delivery of new materials to site will be ‘just in time’ to minimise storage time and the potential for damage.
**Materials resource efficiency** – Using materials (including materials, water and energy) as efficiently as possible in order to minimise the total use of materials and energy, use of primary materials, waste disposed of to landfill and maximise the recycled content of materials.

There will be minimal additions to the existing building. As it is Grade II listed, new materials will match or be sympathetic with existing. Wherever possible existing materials will be re-used and new materials with potential for recycling will be specified.

**Designing for deconstruction** – Specific detailing for the deconstruction of buildings aimed at maximising materials resource efficiency (including re-use and recycling of components) and flexibility of building use as well as minimising whole-of-life environmental impacts.

As the existing building is listed, design interventions will match the existing in material and technique. New elements will have the capacity to be deconstructed.

**Sustainable development** – Incorporate sustainable development practices that promote the prudent use of natural resources (including the use of 10% (by value) recycled products in construction projects), waste minimisation and energy efficiency.

Wherever possible existing materials and elements will be re-used. New materials specified will have a low pollution potential and whole-of-life impact.

**Waste Duty of Care**

Responsibilities under the Waste Duty of Care will be satisfied by the strategies above and by creating a safe and secure storage facility for waste during the construction period.

**PRINCIPLES FOR THE PROVISION OF WASTE MANAGEMENT FACILITIES**

Proposals for development will incorporate the following Principles for the Provision of Waste Management Facilities.

**Waste hierarchy** – System of preferential sustainable waste management options where prevention and minimisation are the most preferred, followed by re-use, recycle and composting, energy recovery with disposal to landfill being the least preferred option. The hierarchy acts as a guide and in most circumstances a combination of the above management options may be required to deal appropriately with wastes generated.

Waste will be sorted according to whether it is recyclable or general waste.

**Proximity principle** – Waste should be disposed of as close to its source as possible.

**High quality innovative design** – Waste management facilities should be of high quality, innovative design, sympathetic to surrounding built environment and incorporate sustainable development practices (including materials resource efficiency). Design of facilities should accommodate potential for future change in waste management methods, collection processes and occupation or function of the individual buildings and development.

A simple fenced enclosure will be provided within the car park area for the bins.

**Provision of complementary facilities** – The provision of waste management facilities should complement and support existing neighbourhood facilities and services and waste management infrastructure network. Adequate provision should be made for ongoing maintenance and management of facilities.

**Environmental protection and enhancement** – Avoid adverse impacts on the surrounding environment and human health, or where this is not possible minimize and mitigate where necessary. Ensure that the environment has the capacity to accommodate the development
without harm and maximise beneficial outcomes aiming for a net environmental benefit as a result of the new development.

The development will not constitute a change of use from the existing school use and any additional waste will be managed within the strategy for the school.

Adequate space and access – Provision of adequate space for, and access to, facilities for separation, storage and collection of waste. Consideration of access to the major transport network (including rail and water facilities) where relevant.

Access to the bin store will be via the existing car park gate on St. Davids Road. The bin store will have separate bins for general, recycled and composted waste.

Environmental education – Maximise opportunities for environmental education and promote awareness of sustainable waste management.

The school is an Eco School as stated in the Planning Support Statement. The Children’s Centre waste management will be a part of this scheme.

Public safety – The design, layout and landscaping components associated with waste management facilities should seek to ‘plan out crime’ by creating safe and secure environments, increasing the risk of detection of criminal or antisocial activity, and make crime more difficult to commit.

The car park area is a secure enclosure within the School site. There is a wall to the street and a fence dividing it from the school grounds. The siting of the bin store will not increase the risk of crime or anti-social activity.